# Avaya Aura® Communication Manager SNMP Administration and Reference Guide

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# Chapter 1: SNMP overview

## Introduction

This document contains information about Avaya Aura® Communication Managersupported SNMP MIB Groups and SNMP administration.

For more information, see *Avaya Aura® Communication Manager SNMP Renewal Quick Reference Guide* that can be downloaded from Avaya Support.

## SNMP overview

Simple Network Management Protocol (SNMP) provides a simple set of operations to remotely manage devices on a network. SNMP is a most-widely deployed management protocol and is deployed in switches, routers, IP end-points, and applications. SNMP enables the basic monitoring and management for IP-enabled devices, systems, and applications.Avaya uses Net-SNMP to implement SNMP on the Avaya Aura® Communication Manager.

## SNMP versions

Avaya Aura® Communication Manager supports the following versions of SNMP:

- SNMP version 1 (SNMP v1) and: SNMP v1 is the initial version of SNMP. The security in SNMP v1 is based on plan-text strings known as communities.
- SNMP Version 2c (SNMP v2c): The security in SNMP v2c is based on plan-text strings known as communities.
- SNMP version 3 (SNMP v3): SNMP v3 provides additional security with authentication and private communication between managed entities.

**Note:**

Communities are passwords that allow any SNMP-based application to gain access to the management information of a device.

# Chapter 2: MIB Groups

## Management Information Base (MIB)

A management information base (MIB) contains definitions and information about the properties of managed sources and services that SNMP supports.

## AVAYA-AURA-CM-MIB

AVAYA-AURA-CM- MIB contains the following set of MIBs and OIDs that exists in the G3-MIB.

## avCmVersion

| MIB group name | OID | Type |
|---|---|---|
| avCmVersion | enterprises.6889.2.73.8.1.1 | Scalar |

### Description

The avCmVersion MIB Group displays the output of the **`swversion`** command. The **`swversion`** command displays the Server Software version information.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration

### Polling Interval

Not more than once a day.

### Default Caching Interval

60 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmVersion | Bash | `swversion` | Communication Manager Software Version |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmVersionOperSystem<br>Communication Manager Software Version | .1 | R | SnmpAdminString (SIZE (0..50)) | Operating System: | An object containing the operating system running on the server. |
| avCmVersionBuildDate<br>Communication Manager Software Version | .2 | R | SnmpAdminString (SIZE (0..25)) | Built: | An object containing operation system build date. |
| avCmVersionLoadNumber<br>Communication Manager Software Version | .3 | R | SnmpAdminString (SIZE (0..15)) | Contains: | An object containing the date and time that the license was installed on the Communication Manager server. |
| avCmVersionRlsNumber<br>Communication Manager Software Version | .4 | R | SnmpAdminString (SIZE (0..25)) | CM Reports as: | An object containing the current Communication Manager release number running on the server. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmVersionRlsString<br>Communication Manager Software Version | .5 | R | SnmpAdminString (SIZE (0..25)) | CM Release String: | An object containing the Communication Manager release string. |
| avCmVersionVMToolsVersVM Only<br>Communication Manager Software Version | .6 | R | SnmpAdminString (SIZE (0..28)) | VMwaretools version: | An object containing the VMwaretools version string (Only displayed on VMware platform). |
| avCmVersionTransSaved<br>Communication Manager Software Version | .7 | R | SnmpAdminString (SIZE (0..20)) | CM Translations Saved: | An object containing the date and time that translation was last saved on the Communication Manager server. |
| avCmversionLicInstalled<br>Communication Manager Software Version | .8 | R | SnmpAdminString (SIZE (0..20)) | CM License Installed: | An object containing the date and time that the license was installed on the Communication Manager server. |
| avCmVersionMemConfig<br>Communication Manager Software Version | .9 | R | SnmpAdminString (SIZE (0..20)) | CM Memory Config: | An object containing the memory configuration on the Communication Manager server. |

## Sample output of forms

```
server1> swversion
        Operating system: Linux 2.6.32-504.8.1.el6.AV3.x86_64 x86_64 x86_64
                         Built: Apr 1 10:18 2015
                     Contains: 00.0.439.0
7
            CM Reports as: R017x.00.0.439.0
    CM Release String: vcm-017-00.0.439.0
                RTS Version: CM 07.0.0.0.439
        Publication Date: 04 October 2012
    VMwaretools version: 9.4.10.37835 (build-2068191)
UPDATES:
                     There are no updates on the system.
    CM Translation Saved: 2015-06-09 22:00:17
    CM License Installed: 2015-05-27 15:59:56
            CM Memory Config: Large
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 15 -r 3 -v 2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/
AVAYA-AURA-CM-MIB.txt avCmVersion
AVAYA-AURA-CM-MIB::avCmVersionOperSystem.0 = STRING: Linux 2.6.32-504.8.1.el6.AV3.x86_64
x86_64 x86_64
```

```
AVAYA-AURA-CM-MIB::avCmVersionBuildDate.0 = STRING: Apr 1 10:18 2015
AVAYA-AURA-CM-MIB::avCmVersionLoadNumber.0 = STRING: 00.0.439.0
AVAYA-AURA-CM-MIB::avCmVersionRlsNumber.0 = STRING: R017x.00.0.439.0
AVAYA-AURA-CM-MIB::avCmVersionRlsString.0 = STRING: vcm-017-00.0.439.0
AVAYA-AURA-CM-MIB::avCmVersionVMToolsVers.0 = STRING: 9.4.10.37835 (build-2068191)
AVAYA-AURA-CM-MIB::avCmVersionTransSaved.0 = STRING: 2015-06-09 22:00:17
AVAYA-AURA-CM-MIB::avCmVersionLicInstalled.0 = STRING: 2015-05-27 15:59:56
AVAYA-AURA-CM-MIB::avCmVersionMemConfig.0 = STRING: Large
```

# avCmServerAlarm

| MIB group name | OID | Type |
|---|---|---|
| avCmServerAlarm | enterprises.6889.2.73.8.1.2 | Table |

### Description

The avCmServerAlarm MIB Group displays the output of the **almdisplay –serv –w**. The **almdisplay –serv –w** displays all active server alarms.

### Releases Supported

6.3.100 and later

### Polling Type

Fault

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

90 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmServerAlarm | Bash | **almdisplay –serv –w** | Server Alarms |

## Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

## Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmServerAlarmTable | .1 | n/a | n/a | n/a | A list of the avCmServerAlarm entries. |
| avCmServerAlarmEntry | .1.1 | n/a | n/a | n/a | An avCmServerAlarm entry containing objects of the avCmServerAlarm information sent by the switch. |
| avCmServerAlarmIdx | .1.1.1 | n/a | Integer32 (0..400) | n/a | An object that uniquely identifies each Server Alarm. |
| avCmServerAlarmID<br>Server Alarms | .1.1.2 | R | Integer32 (0..400) | ID | An object that displays the abbreviated name of the Source which generated the alarm. |
| avCmServerAlarmSource<br>Server Alarms | .1.1.3 | R | SnmpAdminString (SIZE (0..7)) | Source | An object that displays the Event ID of the alarm. Event ID is a unique number that identifies an alarmable event on a per Source basis. |
| avCmServerAlarmEventID<br>Server Alarms | .1.1.4 | R | SnmpAdminString (SIZE (0..6)) | EvtID | An object that displays Y or N, indicating whether or not the alarm has been acknowledged by INADS. |
| avCmServerAlarmLevel | .1.1.5 | R | SnmpAdminString (SIZE (0..4)) | Lvl | An object that displays Y or N, |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| Server Alarms | | | | | indicating whether or not the alarm has been acknowledged by INADS. |
| avCmServerAlarmAck<br>Server Alarms | .1.1.6 | R | SnmpAdminString (SIZE (0..4)) | Ack | An object that contains the severity level of the alarm: Warning (WRN), Minor(MIN), or Major(MAJ). |
| avCmServerAlarmDate<br>Server Alarms | .1.1.7 | R | SnmpAdminString (SIZE0..35)) | Date | An object that contains the date the Server Alarms was generated. |
| avCmServerAlarmDescription<br>Server Alarms | .1.1.8 | R | SnmpAdminString (SIZE0..120)) | Description | An object that contains a description of the Server Alarms. |

## Sample output of forms

```
server1> almdisplay -serv -v
ID Source EvtID Lvl Ack Date Description
5 _WD 22 MIN Y Fri May 22 20:03:30 MDT 2015 Application SME (24316) terminated
4 PRUNE 11 WRN Y Fri May 22 09:57:00 MDT 2015 Removed files under /tmp
3 SVC_MON 5 MAJ Y Fri May 22 09:41:20 MDT 2015 service xinetd does not exist
2 DAL2 1 MAJ Y Fri May 22 09:34:32 MDT 2015 mdd Multiple bit error occurred
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -v2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-
MIB.txt avCmServerAlarm
AVAYA-AURA-CM-MIB::avCmServerAlarmID.2 = INTEGER: 2
AVAYA-AURA-CM-MIB::avCmServerAlarmID.3 = INTEGER: 3
AVAYA-AURA-CM-MIB::avCmServerAlarmID.4 = INTEGER: 4
AVAYA-AURA-CM-MIB::avCmServerAlarmID.5 = INTEGER: 5
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.2 = STRING: DAL2
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.3 = STRING: SVC_MO
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.4 = STRING: PRUNE
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.5 = STRING: _WD
AVAYA-AURA-CM-MIB::avCmServerAlarmEventID.2 = STRING: 1
AVAYA-AURA-CM-MIB::avCmServerAlarmEventID.3 = STRING: 5
AVAYA-AURA-CM-MIB::avCmServerAlarmEventID.4 = STRING: 11
AVAYA-AURA-CM-MIB::avCmServerAlarmEventID.5 = STRING: 22
AVAYA-AURA-CM-MIB::avCmServerAlarmLevel.2 = STRING: MAJ
AVAYA-AURA-CM-MIB::avCmServerAlarmLevel.3 = STRING: MAJ
AVAYA-AURA-CM-MIB::avCmServerAlarmLevel.4 = STRING: WRN
AVAYA-AURA-CM-MIB::avCmServerAlarmLevel.5 = STRING: MIN
AVAYA-AURA-CM-MIB::avCmServerAlarmAck.2 = STRING: Y
AVAYA-AURA-CM-MIB::avCmServerAlarmAck.3 = STRING: Y
AVAYA-AURA-CM-MIB::avCmServerAlarmAck.4 = STRING: Y
AVAYA-AURA-CM-MIB::avCmServerAlarmAck.5 = STRING: Y
AVAYA-AURA-CM-MIB::avCmServerAlarmDate.2 = STRING: Fri May 22 09:34:32 MDT 2015
AVAYA-AURA-CM-MIB::avCmServerAlarmDate.3 = STRING: Fri May 22 09:41:20 MDT 2015
AVAYA-AURA-CM-MIB::avCmServerAlarmDate.4 = STRING: Fri May 22 09:57:00 MDT 2015
```

```
AVAYA-AURA-CM-MIB::avCmServerAlarmDate.5 = STRING: Fri May 22 20:03:30 MDT 2015
AVAYA-AURA-CM-MIB::avCmServerAlarmDescription.2 = STRING: mdd Multiple bit error occurred
AVAYA-AURA-CM-MIB::avCmServerAlarmDescription.3 = STRING: service xinetd does not exist
11
AVAYA-AURA-CM-MIB::avCmServerAlarmDescription.4 = STRING: Removed files under /tmp
AVAYA-AURA-CM-MIB::avCmServerAlarmDescription.5 = STRING: Application SME (24316)
terminated
inads@dell4snmp-mehm> snmpwalk -v2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/
AVAYA-AURA-CM-MIB.txt avCmServerAlarms
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.2 = STRING: DAL2
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.3 = STRING: SVC_MO
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.4 = STRING: PRUNE
AVAYA-AURA-CM-MIB::avCmServerAlarmSource.5 = STRING: _WD
```

# avCmConfiguration

| MIB group name | OID | Type |
|---|---|---|
| avCmConfiguration | enterprises.6889.2.73.8.1.3 | Table |

### Description

The avCmConfiguration MIB group displays the output from the **`list configuration all`** command. The **`list configuration all`** generates a SYSTEM CONFIGURATIONreport which includes the type, code, suffix, and vintage of the circuit packs installed in the system.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Configuration

### Polling Interval

No more than once a day or after configuration changes.

### Default Caching Interval

60 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmConfiguration | SAT | `list configuration all` | SYSTEM CONFIGURATION |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmConfigurationTable<br> | .1 | n/a | n/a | n/a | A list of the avCmConfiguration entries. |
| avCmConfigurationEntry<br> | .1.1 | n/a | n/a | n/a | A avCmConfiguration entry containing objects of the avCmConfiguration information sent by the switch. |
| avCmConfigurationBoardIdx<br> | .1.1.1 | n/a | SnmpAdminString (SIZE (0..10)) | n/a | An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows: cabinet(01-64):carrier(A-E):slot(01-20). |
| avCmConfigurationBoardNumber<br>SYSTEM CONFIGURATION | .1.1.2 | R | SnmpAdminString (SIZE (0..8)) | Board Number | An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows: |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | cabinet(01-64):carrier(A-E):slot(01-20). |
| avCmConfigurationBoardType<br>SYSTEM CONFIGURATION | .1.1.3 | R | SnmpAdminString (SIZE (0..20)) | Board Type | An object containing the type of board. |
| avCmConfigurationCode<br>SYSTEM CONFIGURATION | .1.1.4 | R | SnmpAdminString (SIZE (0..11)) | Code | An object that contains a the board code and suffix of the board. |
| avCmConfigurationVintage<br>SYSTEM CONFIGURATION | .1.1.5 | R | SnmpAdminString (SIZE (0..11)) | Vintage | An object that contains vintage of the board. |
| avCmConfigurationAssignedPorts<br>SYSTEM CONFIGURATION | .1.1.6 | R | SnmpAdminString (SIZE (0..193)) | Assigned Ports | An object that specifies the assignment of the ports. |

## Sample output of forms

```
List configuration all                                          Page   1

                              SYSTEM CONFIGURATION

Board                                                    Assigned Ports
Number    Board Type              Code      Vintage     u=unassigned t=tti p=psa

01A00     POWER SUPPLY              655A
01A01     IP SERVER INTFC         TN2312BP HW35 FW044 01 02 03 04 05 06 07 08
01A02     CONTROL-LAN              TN799DP HW01 FW012 u  u  u  u  u  u  u  u
                                                      u  u  u  u  u  u  u  u
                                                      17
01A04     BRI LINE                 TN556B  000003    01 u  u  u  u  u  u  u
                                                      u  u  u  u  u  u  u  u
                                                      u  u  u  u  u  u  u  u
01A05     IP MEDIA PROCESSOR      TN2602AP HW08 FW060 01 02 03 04
01A06     CONTROL-LAN              TN799DP HW01 FW038 u  u  u  u  u  u  u  u
                                                      u  u  u  u  u  u  u  u
                                                      17
                                                                              


                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c public  xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmConfiguration
avCmConfigurationBoardNumber."01A" = STRING: 01A
avCmConfigurationBoardNumber."02A" = STRING: 02A
  :
  :
avCmConfigurationBoardNumber."07B14" = STRING: 07B14
avCmConfigurationBoardType."01A" = STRING: IP SERVER INTFC
avCmConfigurationBoardType."02A" = STRING: IP SERVER INTFC
```

```
  :
  :
avCmConfigurationBoardType."07B14" = STRING: ANALOG LINE
avCmConfigurationCode."01A" = STRING: TN2312BP
avCmConfigurationCode."02A" = STRING: TN2312BP
  :
  :
vCmConfigurationCode."07B14" = STRING: TN793
avCmConfigurationVintage."01A" = STRING: HW35 FW044
avCmConfigurationVintage."02A" = STRING: HW07 FW078
  :
  :
avCmConfigurationVintage."07B14" = STRING: 000004
avCmConfigurationAssignedPorts."01A" = STRING: 01 02 03 04 05 06 07 08
avCmConfigurationAssignedPorts."02A" = STRING: 01 02 03 04 05 06 07 08
  :
  :
avCmConfigurationAssignedPorts."03A" = STRING:
avCmConfigurationAssignedPorts."07B14" = STRING: u u u u u u u u u u u u u u u u u u u u u u u u u u u u
```

# avCmServerInfo

| MIB group name | OID | Type |
|---|---|---|
| avCmServerInfo | enterprises.6889.2.73.8.1.4 | Scalar |

### Description

The avCmServerInfo MIB group displays the general information about the system such as Server Names, Server IP Address, Server State.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration

### Polling Interval

No more than every 15 minutes.

### Default Caching Interval

30 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

## Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

## Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associate command | Form/Report name |
|---|---|---|---|
| avCmServerInfo | Bash | `productid` | Product ID |
| | Bash | `server` | SERVER STATUS |

## Reference Document

1. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

## Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

## Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmServerInfoProductID | .1 | R | SnmpAdminString (SIZE (0..11)) | Product ID: | An object that contains Product ID of the server |
| SERVER STATUS | | | | | |
| avCmServerInfoActiveName | .2 | R | SnmpAdminString (SIZE (0..30)) | n/a | An object containing the name of aliased active server. |
| SERVER STATUS | | | | | |
| avCmServerInfoActiveIPAddr | .3 | R | SnmpAdminString (SIZE (0..50)) | n/a | An object containing the name of aliased active server. |
| SERVER STATUS | | | | | |
| avCmServerInfoServer1Namer | .4 | R | SnmpAdminString (SIZE (0..50)) | n/a | An object containing name of Server 1. |
| SERVER STATUS | | | | | |
| avCmServerInfoServer1IPAddr | .5 | R | SnmpAdminString (SIZE (0..30)) | n/a | An object containing the IP address of Server 1. |
| SERVER STATUS | | | | | |
| avCmServerInfoServer1State | .6 | R | SnmpAdminString (SIZE (0..20)) | Mode | An object containing the current state of Server 1. Valid |
| SERVER STATUS | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | responses are ‘active’, ‘standby’, ‘dormant’, and ‘busyout’. |
| avCmServerInfoServer2Name<br>SERVER STATUS | .7 | R | SnmpAdminString (SIZE (0..30)) | n/a | An object containing the IP address of Server 2. |
| avCmServerInfoServer2IPAddr<br>SERVER STATUS | .8 | R | SnmpAdminString (SIZE (0..50)) | n/a | An object containing the IP address of Server 2. |
| avCmServerInfoServer2State<br>SERVER STATUS | .9 | R | SnmpAdminString (SIZE (0..20)) | Mode | An object containing the current state of Server 2. Valid responses are ‘active’.‘standby’, ‘dormant’ and ‘busyout’. |
| avCmServerInfoServerType<br>SERVER STATUS | .10 | R | SnmpAdminString (SIZE (0..20)) | Server Type | An object containing the hardware server type. |
| avCmServerInfoSurvRemoteConfig<br>SERVER STATUS | .11 | R | SnmpAdminString (SIZE (0..20)) | Ipconfig | An object indicating whether the switch is configured as a survivable remote server/LSP. Possible values are 'icc', 'lsp' and 'unset'. |
| avCmServerInfoSurvCoreConfig<br>SERVER STATUS | .12 | R | SnmpAdminString (SIZE (0..20)) | essconfig | An object indicating whether the switch is configured as a survivable remote server/LSP. Possible values are 'icc', 'lsp' and 'unset'. |
| avCmServerInfoStdbyRefresh<br>SERVER STATUS | .13 | R | SnmpAdminString (SIZE (0..10)) | Mode | An object displaying whether the Standby Server is refreshed or not and is it ready to go for an interchange. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | Possible values are ‘yes’ and ‘no’. |

### Sample output of forms

```
Dupserver1> productid
Product ID: "1000000000"
dupserver1> server
SERVER STATUS
Cluster ID: 001
Duplication: sw
Standby Busied? yes
Standby Refreshed? no
Standby Shadowing: off
Duplication Link: up
Elapsed Time since Init/Interchange: 8d 00:53:54 (curbs in)
18
dupserver1 dupsever2
ID: 001 (1) ID: 002 (2)
Mode: Active Mode: BUSY OUT
Major Alarms: no Major Alarms: no
Minor Alarms: yes Minor Alarms: no
Control Network: 3 / 3 / 3 Control Network: 3 / 3 / 3
Processor Ethernet: up Processor Ethernet: up
PE Priority: high PE Priority: high
Server Hardware: okay Server Hardware: okay
Processes: okay Processes: okay
```

### Sample Output of SNMP Walk command:

```
dupserver1> snmpwalk -v 2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-
CM-MIB.txt avCmServerInfo
AVAYA-AURA-CM-MIB::avCmServerInfoProductID.0 = STRING: 1000000000
AVAYA-AURA-CM-MIB::avCmServerInfoActiveName.0 = STRING: kenny
AVAYA-AURA-CM-MIB::avCmServerInfoActiveIPAddr.0 = STRING: 10.129.178.77
AVAYA-AURA-CM-MIB::avCmServerInfoServer1Name.0 = STRING: kenny1
AVAYA-AURA-CM-MIB::avCmServerInfoServer1IPAddr.0 = STRING: 10.129.178.75
AVAYA-AURA-CM-MIB::avCmServerInfoServer1State.0 = STRING: active
AVAYA-AURA-CM-MIB::avCmServerInfoServer2Name.0 = STRING: kenny2
AVAYA-AURA-CM-MIB::avCmServerInfoServer2IPAddr.0 = STRING: 10.129.178.76
AVAYA-AURA-CM-MIB::avCmServerInfoServer2State.0 = STRING: standby
AVAYA-AURA-CM-MIB::avCmServerInfoServerType.0 = STRING: vmware
AVAYA-AURA-CM-MIB::avCmServerInfoSurvRemoteConfig.0 = STRING: unset
AVAYA-AURA-CM-MIB::avCmServerInfoSurvCoreConfig.0 = STRING: unset
AVAYA-AURA-CM-MIB::avCmServerInfoStdbyRefresh.0 = STRING: no
```

# avCmAlarms

| MIB group name | OID | Type |
|---|---|---|
| avCmAlarms | enterprises.6889.2.73.8.1.5 | Table |

### Description

The avCmAlarms MIB group displays the output of CMs Active Alarm Report.

### Releases Supported

6.3.100 and later

### Polling Type

Fault

### Polling Interval

No more than every 1 hour.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmAlarms | SAT | `display alarms` | ALARM REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmAlarmsTable<br> | .1 | n/a | n/a | n/a | A list of the avCmAlarms entries. |
| avCmAlarmsEntry<br> | .1.1 | n/a | n/a | n/a | An avCmAlarms entry containing objects of the avCmAlarms |

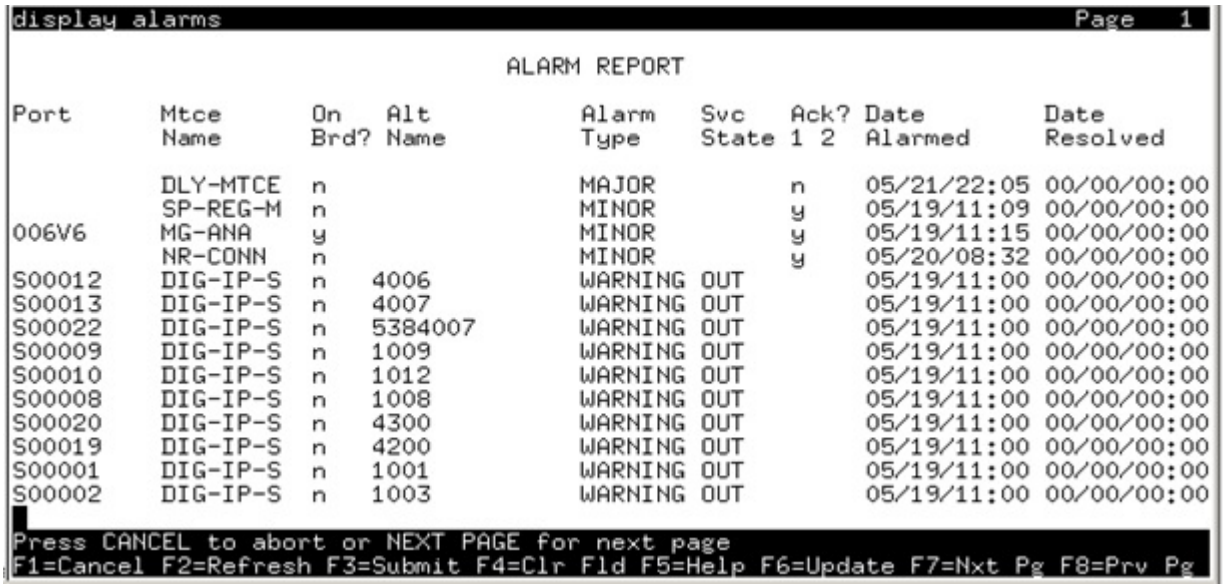
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | information sent by the switch. |
| avCmAlarmsPortIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..10)) | n/a | An object containing an index that uniquely identifies a port based on its location in the system. The syntax for the Port Number is as follows: cabinet (01-64): carrier (A-E): slot (01-20): port (01-64). |
| avCmAlarmsMtceNameIdx | .1.1.2 | n/a | SnmpAdminString (SIZE (0..9)) | n/a | An object containing an index that uniquely identifies a Maintenance Object Name. |
| avCmAlarmsIndex | .1.1.3 | n/a | Integer32 (0..6500) | n/a | An Integer32 object containing an index that numbers the alarm entry for the avCmAlarmsPortIdx . This object along with avCmAlarmsPortIdx serves as the instance identifier for avCmAlarmsEntry. |
| avCmAlarmsPort<br>ALARM REPORT | .1.1.4 | R | SnmpAdminString (SIZE (0..10)) | Port | An object that uniquely identifies a port based on its location in the system. The syntax for the Port Number is as follows: cabinet (01-64): carrier (A-E): slot (01-20): port (01-64). |
| avCmAlarmsMtceName<br>ALARM REPORT | .1.1.5 | R | SnmpAdminString (SIZE (0..9)) | Mtce Name | An object that contains the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | Maintenance Object Name. |
| avCmAlarmsOnBrd<br>ALARM REPORT | .1.1.6 | R | SnmpAdminString (SIZE (0..2)) | On Brd | An object that contains the whether or not the alarm is on or off board. |
| avCmAlarmsAltName<br>ALARM REPORT | .1.1.7 | R | SnmpAdminString (SIZE (0..14)) | Alt Name | An object that contains the alternate name of the alarmed object. Alternate names can consist of extension numbers, trunk group numbers or other identifying data. |
| avCmAlarmsAlarmType<br>ALARM REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..8)) | Alarm Type | An object that contains the alarm severity. |
| avCmAlarmsSvcState<br>ALARM REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..4)) | Svc State | An object that contains the service state of the alarmed object. |
| avCmAlarmsAck<br>ALARM REPORT | .1.1.10 | R | SnmpAdminString (SIZE (0..18)) | Ack 1 2 | An object that contains whether or not the alarm has been acknowledged by the alarm receiver. |
| avCmAlarmsDateAlarmed<br>ALARM REPORT | .1.1.11 | R | SnmpAdminString (SIZE (0..12)) | Date Alarmed | An object that contains the month/day/hour: minute the alarm was generated. |
| avCmAlarmsDateResolved<br>ALARM REPORT | .1.1.12 | R | SnmpAdminString (SIZE (0..12)) | Date Resolved | An object that contains the month/day/hour: minute the alarm was Resolved. |

## Sample output of forms



```
display alarms                                                    Page   1

                                ALARM REPORT

Port       Mtce       On   Alt          Alarm    Svc    Ack? Date         Date
           Name       Brd? Name         Type     State  1 2  Alarmed      Resolved

           DLY-MTCE   n                 MAJOR           n    05/21/22:05 00/00/00:00
           SP-REG-M   n                 MINOR           y    05/19/11:09 00/00/00:00
006V6      MG-ANA     y                 MINOR           y    05/19/11:15 00/00/00:00
           NR-CONN    n                 MINOR           y    05/20/08:32 00/00/00:00
S00012     DIG-IP-S   n    4006         WARNING  OUT         05/19/11:00 00/00/00:00
S00013     DIG-IP-S   n    4007         WARNING  OUT         05/19/11:00 00/00/00:00
S00022     DIG-IP-S   n    5384007      WARNING  OUT         05/19/11:00 00/00/00:00
S00009     DIG-IP-S   n    1009         WARNING  OUT         05/19/11:00 00/00/00:00
S00010     DIG-IP-S   n    1012         WARNING  OUT         05/19/11:00 00/00/00:00
S00008     DIG-IP-S   n    1008         WARNING  OUT         05/19/11:00 00/00/00:00
S00020     DIG-IP-S   n    4300         WARNING  OUT         05/19/11:00 00/00/00:00
S00019     DIG-IP-S   n    4200         WARNING  OUT         05/19/11:00 00/00/00:00
S00001     DIG-IP-S   n    1001         WARNING  OUT         05/19/11:00 00/00/00:00
S00002     DIG-IP-S   n    1003         WARNING  OUT         05/19/11:00 00/00/00:00

Press CANCEL to abort or NEXT PAGE for next page
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmAlarms
avCmAlarmsPort."604"."ISDN-SGR".1 = STRING: 604
avCmAlarmsPort."604"."ISDN-SGR".2 = STRING: 604
 :
 :
avCmAlarmsPort."000000000"."SP-REG-M".1 = STRING: 000000000
avCmAlarmsMtceName."604"."ISDN-SGR".1 = STRING: ISDN-SGR
avCmAlarmsMtceName."604"."ISDN-SGR".2 = STRING: ISDN-SGR
 :
 :
avCmAlarmsMtceName."000000000"."SP-REG-M".1 = STRING: SP-REG-M
avCmAlarmsOnBrd."604"."ISDN-SGR".1 = STRING: n
avCmAlarmsOnBrd."604"."ISDN-SGR".2 = STRING: n
 :
 :
avCmAlarmsOnBrd."000000000"."SP-REG-M".1 = STRING: n
avCmAlarmsAltName."604"."ISDN-SGR".1 = STRING:
avCmAlarmsAltName."604"."ISDN-SGR".2 = STRING:
 :
 :
avCmAlarmsAltName."000000000"."SP-REG-M".1 = STRING:
avCmAlarmsAlarmType."604"."ISDN-SGR".1 = STRING: WARNING
avCmAlarmsAlarmType."604"."ISDN-SGR".2 = STRING: WARNING
 :
 :
avCmAlarmsAlarmType."000000000"."SP-REG-M".1 = STRING: MINOR
avCmAlarmsSvcState."604"."ISDN-SGR".1 = STRING: OUT
avCmAlarmsSvcState."604"."ISDN-SGR".2 = STRING: OUT
 :
 :
avCmAlarmsSvcState."000000000"."SP-REG-M".1 = STRING:
avCmAlarmsAck."604"."ISDN-SGR".1 = STRING: Ack 1:  Ack 2:
avCmAlarmsAck."604"."ISDN-SGR".2 = STRING: Ack 1:  Ack 2:
 :
 :
avCmAlarmsAck."000000000"."SP-REG-M".1 = STRING: Ack 1: y Ack 2:
```

```
avCmAlarmsDateAlarmed."604"."ISDN-SGR".1 = STRING: 05/20/08:31
avCmAlarmsDateAlarmed."604"."ISDN-SGR".2 = STRING: 05/20/08:31
  :
  :
avCmAlarmsDateAlarmed."000000000"."SP-REG-M".1 = STRING: 05/19/11:09
avCmAlarmsDateResolved."604"."ISDN-SGR".1 = STRING: 00/00/00:00
avCmAlarmsDateResolved."604"."ISDN-SGR".2 = STRING: 00/00/00:00
  :
  :
avCmAlarmsDateResolved."000000000"."SP-REG-M".1 = STRING: 00/00/00:00
```

# avCmErrors

| MIB group name | OID | Type |
|---|---|---|
| avCmErrors | enterprises.6889.2.73.8.1.6 | Table |

### Description

The avCmErrors MIB group displays the output of CMs error log.

### Releases Supported

6.3.100 and later

### Polling Type

Fault

### Polling Interval

No more than every 1 hour.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmErrors | SAT | **display errors** | ERROR REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmErrorsTable | .1 | n/a | n/a | n/a | a list of the avCmErrors entries. |
| avCmErrorsEntry | .1.1 | n/a | n/a | n/a | An avCmErrorsentry containing objects of the avCmErrors information sent by the switch. |
| avCmErrorsPortIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..10)) | n/a | An object that uniquely identifies a port based on its location in the system. The syntax for the Port Number is as follows: cabinet (01-64): carrier (A-E): slot (01-20): port (01-64). |
| avCmErrorsMtceNameIdx | .1.1.2 | n/a | SnmpAdminString (SIZE (0..9)) | n/a | An object containing an index that uniquely identifies a Maintenance Object Name. |
| avCmErrorsIndex | .1.1.3 | n/a | Integer32 (0..6500) | n/a | An object containing an index that numbers the alarm entry for the avCmErrorsPortIdx. This object along with avCmErrorsPortIdx serves as the instance identifier for avCmErrorsEntry. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmErrorsPort<br>ERROR REPORT | .1.1.4 | R | SnmpAdminString (SIZE (0..10)) | Port | An object that uniquely identifies a port based on its location in the system. The syntax for the Port Number is as follows: cabinet (01-64): carrier (A-E): slot (01-20): port (01-64). |
| avCmErrorsMtceName<br>ERROR REPORT | .1.1.5 | R | SnmpAdminString (SIZE (0..9)) | Mtce Name | An object that contains the Maintenance Object Name. |
| avCmErrorsAltName<br>ERROR REPORT | .1.1.6 | R | SnmpAdminString (SIZE (0..14)) | Alt Name | An object that contains the the alternate name of the alarmed object. Alternate names can consist of extension numbers, trunk group numbers or other identifying data. |
| avCmErrorsErrType<br>ERROR REPORT | .1.1.7 | R | SnmpAdminString (SIZE (0..8)) | Err Type | An object that contains the specific error type in numeric code used to determine the type of error. |
| avCmErrorsAuxData<br>ERROR REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..6)) | Aux Data | An object that contains the numeric auxiliary code used with the errType to troubleshoot a problem. |
| avCmErrorsFirstLastOccurrence<br>ERROR REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..37)) | First / Last Occurrence | An object that contains the mon/day/hour: min the alarm first last occurred. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmErrorsErrCnt<br>ERROR REPORT | .1.1.1.1.10 | R | SnmpAdminString (SIZE (0..4)) | err Cnt | An object that contains a numeric count of the occurrence of error. |
| avCmErrorsErrRt<br>ERROR REPORT | .1.1.1.1.11 | R | SnmpAdminString (SIZE (0..4)) | Err Rt | An object that contains the error rate occurrences of the error hour. |
| avCmErrorsRtHr<br>ERROR REPORT | .1.1.1.1.12 | R | SnmpAdminString (SIZE (0..4)) | Rt Hr | A DisplayString Object containing the error rate per hour. |
| avCmErrorsAlSt<br>ERROR REPORT | .1.1.1.1.13 | R | SnmpAdminString (SIZE (0..2)) | Alm St | An object that contains the alarm state of the error. |
| avCmErrorsAc<br>ERROR REPORT | .1.1.1.1.14 | R | SnmpAdminString (SIZE (0..2)) | Ac | An object that contains the Maintenance Object active state. |

## Sample output of forms

```
display errors                                                    Page   1

                    HARDWARE ERROR REPORT - ACTIVE ALARMS

Port      Mtce      Alt              Err   Aux    First/Last     Err Err Rt/ Al Ac
          Name      Name             Type  Data   Occurrence     Cnt Rt  Hr  St
                                                  05/19/22:06
          DLY-MTCE                   542   60410  05/26/22:05    8   0   0   a  n
                                                  05/20/08:32
          NR-CONN                    1             05/27/10:02  255 1   7   a  y
                                                  05/19/11:00
604       ISDN-SGR                   769           05/27/09:59  255 1   9   a  y
                                                  05/19/11:00
604       ISDN-SGR                   1793          05/27/10:01  255 1   7   a  y
                                                  05/19/11:03
002V4     MG-DS1                     1     0       05/19/11:13  2   12  0   a  n
                                                  05/19/11:03
004V3     MG-DS1                     1     0       05/19/11:13  2   12  0   a  n
                                                  05/19/11:03
004V7     MG-DS1                     1     0       05/19/11:13  2   12  0   a  n

Press CANCEL to abort or NEXT PAGE for next page
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-AURA-CM-MIB.txt avCmErrors
avCmErrorsPort."604"."ISDN-SGR".1 = STRING: 604
avCmErrorsPort."604"."ISDN-SGR".2 = STRING: 604
:
```

```
:
avCmErrorsPort."000000000"."SP-REG-M".1 = STRING: 000000000
avCmErrorsMtceName."604"."ISDN-SGR".1 = STRING: ISDN-SGR
:
:
avCmErrorsMtceName."000000000"."SP-REG-M".1 = STRING: SP-REG-M
avCmErrorsAltName."604"."ISDN-SGR".1 = STRING:
avCmErrorsAltName."604"."ISDN-SGR".2 = STRING:
:
:
avCmErrorsAltName."000000000"."SP-REG-M".1 = STRING:
avCmErrorsErrType."604"."ISDN-SGR".1 = STRING: 1793
avCmErrorsErrType."604"."ISDN-SGR".2 = STRING: 769
:
:
avCmErrorsErrType."000000000"."SP-REG-M".1 = STRING: 257
avCmErrorsAuxData."604"."ISDN-SGR".1 = STRING:
avCmErrorsAuxData."604"."ISDN-SGR".2 = STRING:
:
:
avCmErrorsAuxData."000000000"."SP-REG-M".1 = STRING: 2
avCmErrorsFirstLastOccurrence."604"."ISDN-SGR".1 = STRING: First: 05/19/11:00 Last:
05/27/10:01
avCmErrorsFirstLastOccurrence."604"."ISDN-SGR".2 = STRING: First: 05/19/11:00 Last:
05/27/09:59
27
:
:
avCmErrorsFirstLastOccurrence."000000000"."SP-REG-M".1 = STRING: First: 05/19/11:09 Last:
05/19/11:09
avCmErrorsErrCnt."604"."ISDN-SGR".1 = STRING: 255
avCmErrorsErrCnt."604"."ISDN-SGR".2 = STRING: 255
:
:
avCmErrorsErrCnt."000000000"."SP-REG-M".1 = STRING: 1
avCmErrorsErrRt."604"."ISDN-SGR".1 = STRING: 1
avCmErrorsErrRt."604"."ISDN-SGR".2 = STRING: 1
:
:
avCmErrorsErrRt."000000000"."SP-REG-M".1 = STRING: 0
avCmErrorsRtHr."604"."ISDN-SGR".1 = STRING: 7
avCmErrorsRtHr."604"."ISDN-SGR".2 = STRING: 9
:
:
avCmErrorsRtHr."000000000"."SP-REG-M".1 = STRING: 0
avCmErrorsAlSt."604"."ISDN-SGR".1 = STRING: a
avCmErrorsAlSt."604"."ISDN-SGR".2 = STRING: a
:
:
avCmErrorsAlSt."000000000"."SP-REG-M".1 = STRING: a
avCmErrorsAc."604"."ISDN-SGR".1 = STRING: y
avCmErrorsAc."604"."ISDN-SGR".2 = STRING: y
:
:
avCmErrorsAc."000000000"."SP-REG-M".1 = STRING: y
```

# avCmListStation

| MIB group name | OID | Type |
|---|---|---|
| avCmListStation | enterprises .6889.2.73.8.1.7 | Table |

### Description

The avCmListStation MIB group displays the output of the list station command.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Performance/Utilization

### Polling Interval

No more than every 15 minutes.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListStation | SAT | `list station` | STATIONS |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

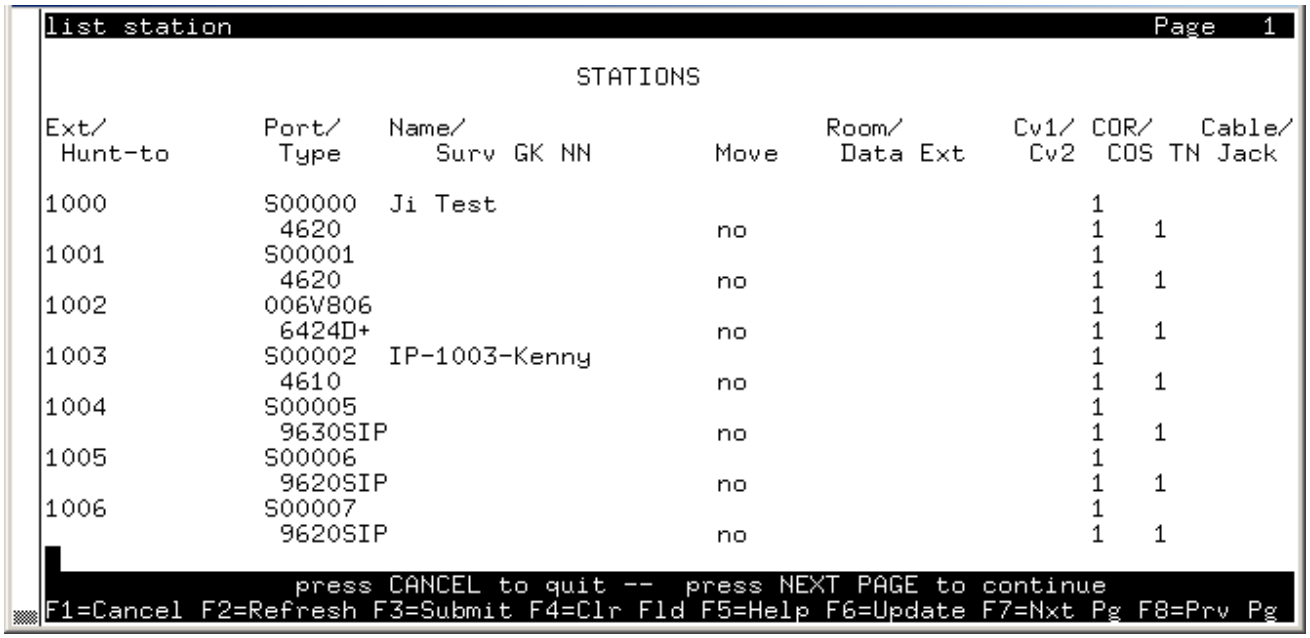
### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListStationTable<br>STATIONS | .1 | n/a | SEQUENCE OF avCmListStationRangeEntry | n/a | A list of the avCmServerAlarms entries. |
| avCmListStationIdx<br>STATIONS | .1.1 | n/a | avCmListStationRangeEntry | n/a | A avCmServerAlarm entry containing objects of the avCmServerAlarm information sent by the switch. |
| avCmListStationExtension<br>STATIONS | .1.1.1 | n/a | SnmpAdminString (SIZE (0..17)) | n/a | An object containing an index that uniquely identifies an administered station. |
| avCmListStationType<br>STATIONS | .1.1.2 | R | SnmpAdminString (SIZE (0..17)) | Ext | An object containing the stations extension. |
| avCListStationType<br>STATIONS | .1.1.3 | R | SnmpAdminString (SIZE (0..10)) | Type | An object containing the station type. |
| avCmListStationName<br>STATIONS | .1.1.4 | R | SnmpAdminString (SIZE (0..28)) | ID | An object containing the name assigned to the station. |
| avCmListStationPort<br>STATIONS | .1.1.5 | R | SnmpAdminString (SIZE (0..8)) | Port | An object containing the stations port assignment. |

### Sample output of forms



```
list station                                                    Page   1

                                    STATIONS

Ext/                Port/   Name/                       Room/       Cv1/ COR/   Cable/
 Hunt-to             Type       Surv GK NN      Move     Data Ext    Cv2  COS TN Jack

1000                S00000  Ji Test                                    1
                     4620                       no                     1    1
1001                S00001                                             1
                     4620                       no                     1    1
1002                006V806                                            1
                     6424D+                     no                     1    1
1003                S00002  IP-1003-Kenny                              1
                     4610                       no                     1    1
1004                S00005                                             1
                     9630SIP                    no                     1    1
1005                S00006                                             1
                     9620SIP                    no                     1    1
1006                S00007                                             1
                     9620SIP                    no                     1    1

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

### Sample Output of SNMP Walk command:

```
snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-AURA-CM-
MIB.txt avCmListStation
avCmListStationExtension."1000" = STRING: 1000
avCmListStationExtension."1001" = STRING: 1001
:
:
avCmListStationExtension."5384100" = STRING: 538-4100
avCmListStationType."1000" = STRING: 4620
avCmListStationType."1001" = STRING: 4620
:
:
avCmListStationType."5384100" = STRING: 6424D+
avCmListStationName."1000" = STRING: Ji Test
avCmListStationName."1001" = STRING:
:
:
avCmListStationName."5384100" = STRING: Princess Leia
avCmListStationPort."1000" = STRING: S00000
avCmListStationPort."1001" = STRING: S00001
:
:
avCmListStationPort."5384100" = STRING: 01A1302
```

# avCmListStationRange

| MIB group name | OID | Type |
|---|---|---|
| avCmListStationRange | enterprises.6889.2.73.8.1.8 | Scalar/Table |

### Description

The avCmListStationRange MIB group displays the output of the list station xxxx count xx command. This MIB Group should be used instead of the avCmListStation MIB Group on systems with over 100 stations.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Performance/Utilization

### Polling Interval

No more than once a day or when stations are added.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListStationRange | SAT | `list station xxxxx count x` | STATIONS |
| | SAT | `display station xxxxx` | STATION |

### Reference Document

1. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListStationRangeStartExt | .1 | R/W | SnmpAdminString (SIZE (0..17)) | n/a | An object containing the starting Extension location. (scalar) |
| avCmListStationRangeCount | .2 | R/W | SnmpAdminString (SIZE (1..100)) | n/a | An object containing the number of stations to list. (scalar) |
| avCmListStationRangeTable | .3.1 | n/a | SEQUENCE OF avCmListStationRangeEntry | n/a | A list of the avCmListStationRange entries. |
| avCmListStationRangeEntry | .3.1.1 | n/a | SEQUENCE OF avCmListStationRangeEntry | n/a | A avCmListStationRange entry containing objects of the avCmListStationRange information sent by the switch |
| avCmListStationRangeIdx | .3.1.2 | n/a | SnmpAdminString (SIZE (0..17)) | n/a | An object that uniquely identifies each Server Alarm. |
| avCmListStationRangeExtension<br>STATIONS | .3.1.3 | R | SnmpAdminString (SIZE (0..17)) | Ext | An object that contains the station extension. |
| avCmListStationRangeName<br>STATIONS | .3.1.4 | R | SnmpAdminString (SIZE (0..8)) | Type | An object containing the station type. |
| avCmListStationRangePort<br>STATIONS | .3.1.5 | R | SnmpAdminString (SIZE (0..28)) | Name | An object containing the name assigned to the station. |
| avCmListStationRangeBuilding<br>STATIONS | .3.1.6 | R | SnmpAdminString (SIZE (0..8)) | Port | An object containing the stations port assignment. |
| avCmListStationRangeFloor<br>STATIONS | .3.1.7 | R | SnmpAdminString (SIZE (0..11)) | ID | An object containing the building location of the station. |
| avCmListStationRangeRoom<br>STATIONS | .3.1.8 | R | SnmpAdminString (SIZE (0..11)) | ID | An object containing the floor location of the station. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListStationRangeCable<br>STATIONS | .3.1.9 | R | SnmpAdminString (SIZE (0..11)) | ID | An object containing the cable used by the station. |
| avCmListStationRangeJack<br>STATIONS | .3.1.10 | R | SnmpAdminString (SIZE (0..6)) | ID | An object containing the jack used by the station. |

## Sample output of forms

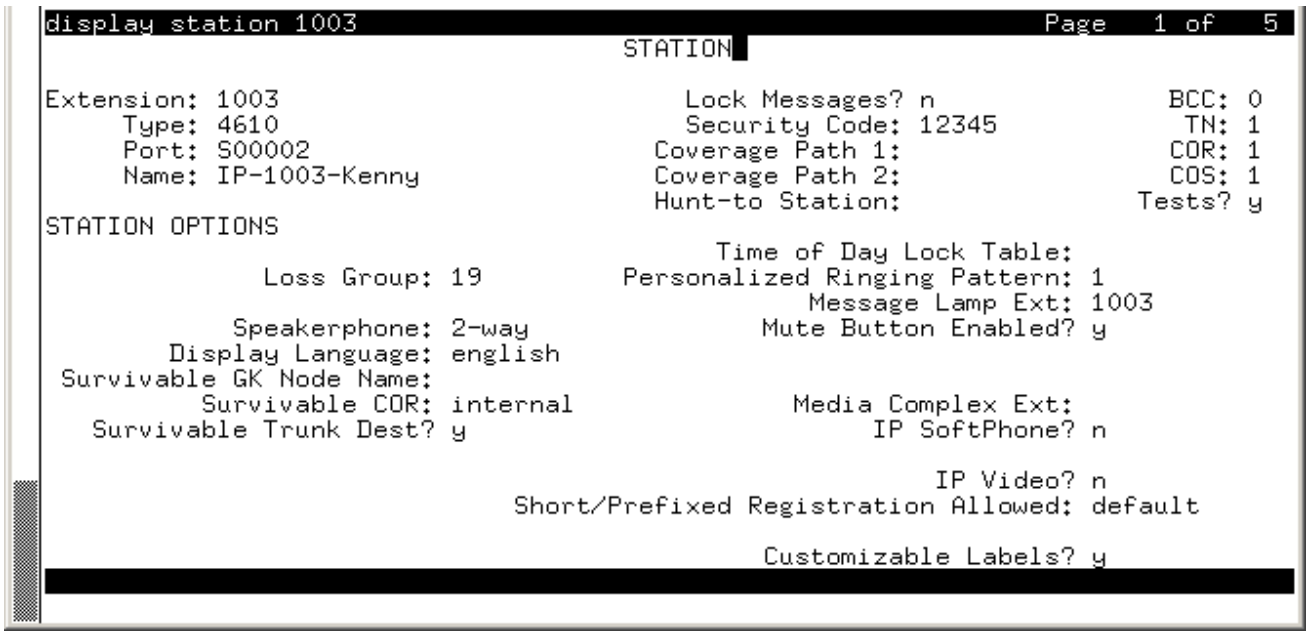
```
list station 0 count 100                                          Page   1

                                   STATIONS

Ext/            Port/   Name/                          Room/       Cv1/ COR/   Cable/
 Hunt-to         Type       Surv GK NN        Move      Data Ext    Cv2  COS TN Jack

1000            S00000  Ji Test                                      1
                 4620                          no                    1   1
1001            S00001                                               1
                 4620                          no                    1   1
1002            006V806                                              1
                 6424D+                        no                    1   1
1003            S00002  IP-1003-Kenny                                1
                 4610                          no                    1   1
1004            S00005                                               1
                 9630SIP                       no                    1   1
1005            S00006                                               1
                 9620SIP                       no                    1   1
1006            S00007                                               1
                 9620SIP                       no                    1   1

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListStationRange
avCmListStationRangeStartExt.0 = STRING: 0
avCmListStationRangeCount.0 = INTEGER: 10
avCmListStationRangeExtension."1000" = STRING: 1000
avCmListStationRangeExtension."1001" = STRING: 1001
avCmListStationRangeExtension."1002" = STRING: 1002
avCmListStationRangeExtension."1003" = STRING: 1003
avCmListStationRangeExtension."1004" = STRING: 1004
avCmListStationRangeExtension."1005" = STRING: 1005
avCmListStationRangeExtension."1006" = STRING: 1006
avCmListStationRangeExtension."1007" = STRING: 1007
avCmListStationRangeExtension."1008" = STRING: 1008
avCmListStationRangeExtension."1009" = STRING: 1009
avCmListStationRangeType."1000" = STRING: 4620
avCmListStationRangeType."1001" = STRING: 4620
avCmListStationRangeType."1002" = STRING: 6424D+
avCmListStationRangeType."1003" = STRING: 4610
avCmListStationRangeType."1004" = STRING: 9630SIP
avCmListStationRangeType."1005" = STRING: 9620SIP
avCmListStationRangeType."1006" = STRING: 9620SIP
avCmListStationRangeType."1007" = STRING: 2500
avCmListStationRangeType."1008" = STRING: 4620
avCmListStationRangeType."1009" = STRING: 4620
avCmListStationRangeName."1000" = STRING: Ji Test
avCmListStationRangeName."1001" = STRING:
avCmListStationRangeName."1002" = STRING:
avCmListStationRangeName."1003" = STRING: IP-1003-Kenny
avCmListStationRangeName."1004" = STRING:
35
avCmListStationRangeName."1005" = STRING:
avCmListStationRangeName."1006" = STRING:
avCmListStationRangeName."1007" = STRING:
avCmListStationRangeName."1008" = STRING:
avCmListStationRangeName."1009" = STRING:
avCmListStationRangePort."1000" = STRING: S00000
avCmListStationRangePort."1001" = STRING: S00001
avCmListStationRangePort."1002" = STRING: 006V806
```

```
avCmListStationRangePort."1003" = STRING: S00002
avCmListStationRangePort."1004" = STRING: S00005
avCmListStationRangePort."1005" = STRING: S00006
avCmListStationRangePort."1006" = STRING: S00007
avCmListStationRangePort."1007" = STRING: 006V601
avCmListStationRangePort."1008" = STRING: S00008
avCmListStationRangePort."1009" = STRING: S00009
avCmListStationRangeBuilding."1000" = STRING:
avCmListStationRangeBuilding."1001" = STRING:
avCmListStationRangeBuilding."1002" = STRING:
avCmListStationRangeBuilding."1003" = STRING:
avCmListStationRangeBuilding."1004" = STRING:
avCmListStationRangeBuilding."1005" = STRING:
avCmListStationRangeBuilding."1006" = STRING:
avCmListStationRangeBuilding."1007" = STRING:
avCmListStationRangeBuilding."1008" = STRING:
avCmListStationRangeBuilding."1009" = STRING:
avCmListStationRangeFloor."1000" = STRING:
avCmListStationRangeFloor."1001" = STRING:
avCmListStationRangeFloor."1002" = STRING:
avCmListStationRangeFloor."1003" = STRING:
avCmListStationRangeFloor."1004" = STRING:
avCmListStationRangeFloor."1005" = STRING:
avCmListStationRangeFloor."1006" = STRING:
avCmListStationRangeFloor."1007" = STRING:
avCmListStationRangeFloor."1008" = STRING:
avCmListStationRangeFloor."1009" = STRING:
avCmListStationRangeRoom."1000" = STRING:
avCmListStationRangeRoom."1001" = STRING:
avCmListStationRangeRoom."1002" = STRING:
avCmListStationRangeRoom."1003" = STRING:
avCmListStationRangeRoom."1004" = STRING:
avCmListStationRangeRoom."1005" = STRING:
avCmListStationRangeRoom."1006" = STRING:
avCmListStationRangeRoom."1007" = STRING:
avCmListStationRangeRoom."1008" = STRING:
avCmListStationRangeRoom."1009" = STRING:
avCmListStationRangeCable."1000" = STRING:
avCmListStationRangeCable."1001" = STRING:
avCmListStationRangeCable."1002" = STRING:
avCmListStationRangeCable."1003" = STRING:
avCmListStationRangeCable."1004" = STRING:
avCmListStationRangeCable."1005" = STRING:
avCmListStationRangeCable."1006" = STRING:
36
avCmListStationRangeCable."1007" = STRING:
avCmListStationRangeCable."1008" = STRING:
avCmListStationRangeCable."1009" = STRING:
avCmListStationRangeJack."1000" = STRING:
avCmListStationRangeJack."1001" = STRING:
avCmListStationRangeJack."1002" = STRING:
avCmListStationRangeJack."1003" = STRING:
avCmListStationRangeJack."1004" = STRING:
avCmListStationRangeJack."1005" = STRING:
avCmListStationRangeJack."1006" = STRING:
avCmListStationRangeJack."1007" = STRING:
avCmListStationRangeJack."1008" = STRING:
avCmListStationRangeJack."1009" = STRING:
```

# avCmUpdateShow

| MIB group name | OID | Type |
|---|---|---|
| avCmUpdateShow | enterprises.6889.2.73.8.1.9 | Table |

### Description

The avCmUpdateShow MIB Group uses the **`update_show`** command to retrieve the Servers Patch information.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration

### Polling Interval

Not more than once a day.

### Default Caching Interval

60 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmUpdateShow | Bash | | n/a |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

Command permissions or user profile

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmUpdateShowTable | .1 | n/a | SEQUENCE OF avCmUpdateShowEntry | n/a | A list of the avCmUpdateShow entries. |
| avCmUpdateShowEntry | .1.1 | n/a | avCmUpdateShowEntry | n/a | An avCmUpdateShow entry containing objects of the avCmUpdateShow information sent by the switch. |
| avCmUpdateShowIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..33)) | n/a | An object that uniquely identifies each Update. |
| avCmUpdateShowID | .1.1.2 | R | SnmpAdminString (SIZE (0..33)) | Update ID | An object that contains the Patch ID. |
| avCmUpdateShowStatus | .1.1.3 | R | SnmpAdminString (SIZE (0..15)) | Status | An object that contains the Status of the Patch. |
| avCmUpdateShowType | .1.1.4 | R | SnmpAdminString (SIZE (0..10)) | Type | An object that contains the Type of the Patch. |
| avCmUpdateShowDescription | .1.1.5 | R | SnmpAdminString (SIZE (0..80)) | Description | An object that contains the Description of the Patch. |

## Sample output of forms

```
server1> update_show
Update ID                       Status       Type  Update description
------------------------------- ------------ ----- ------------------
00.0.438.0-1234                 unpacked     cold  No description given.
00.0.438.0-171717              activated    cold  171717 patch


Platform/Security ID            Status       Type  Update description
------------------------------- ----- ----- ------------------------
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -v2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-
MIB.txt avCmUpdateShow
AVAYA-AURA-CM-MIB::avCmUpdateShowID."00.0.438.0-1234" = STRING: 00.0.438.0-1234
AVAYA-AURA-CM-MIB::avCmUpdateShowID."00.0.438.0-777777" = STRING: 00.0.438.0-171717
AVAYA-AURA-CM-MIB::avCmUpdateShowStatus."00.0.438.0-1234" = STRING: unpacked
AVAYA-AURA-CM-MIB::avCmUpdateShowStatus."00.0.438.0-777777" = STRING: activated
AVAYA-AURA-CM-MIB::avCmUpdateShowType."00.0.438.0-1234" = STRING: cold
AVAYA-AURA-CM-MIB::avCmUpdateShowType."00.0.438.0-777777" = STRING: cold
AVAYA-AURA-CM-MIB::avCmUpdateShowDescription."00.0.438.0-1234" = STRING: No description
```

```
given.
AVAYA-AURA-CM-MIB::avCmUpdateShowDescription."00.0.438.0-777777" = STRING: 171717 patch
```

# avCmListTrunk Group

| MIB group name | OID | Type |
|---|---|---|
| avCmListTrunk | enterprises 6889.2.73.8.1.10 | Table |

### Description

The avCmListTrunk MIB Group uses the **`list trunk-group`** command to retrieve the systems administered trunk group information. In addition to list trunk information, some fields from the **`display trunk-group`** form are displayed.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Configuration

### Polling Interval

No more than once a day or when trunk administration changed.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListTrunk | SAT | **`list trunk-group`** | TRUNK GROUPS |
| | SAT | **`display trunk-group`** | TRUNK_GROUPS |

### Reference Document

1. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

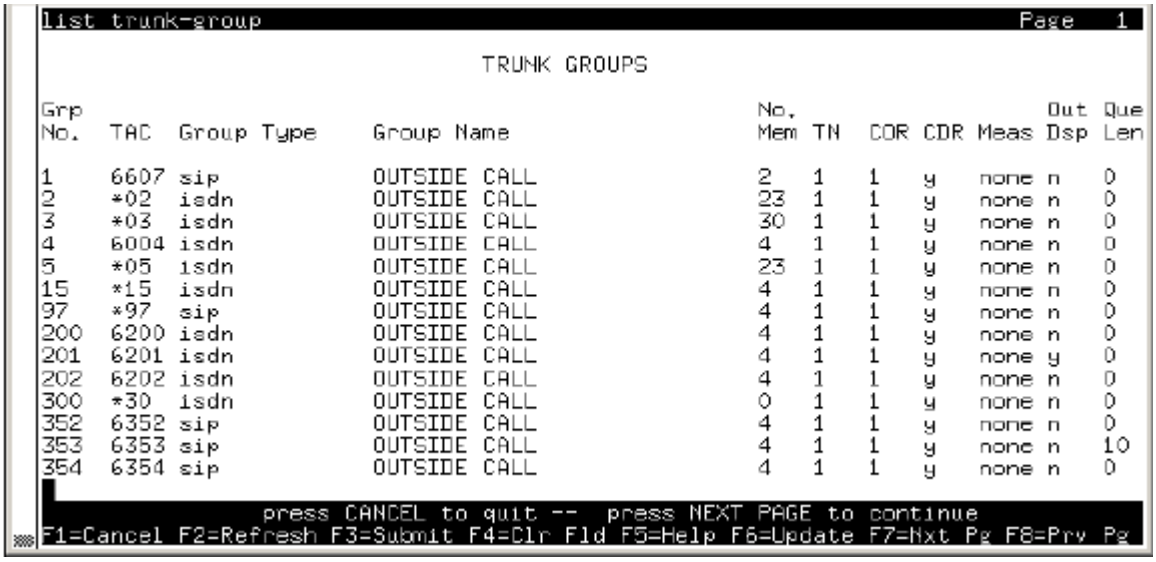
### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListTrunkTable | .1 | n/a | SEQUENCE OF avCmListTrunkTable | n/a | A list of the avCmListTrunk entries. |
| avCmListTrunkEntry | .1.1 | n/a | avCmListTrunkEntry | n/a | A avCmListTrunk entry containing objects of the avCmListTrunk information sent by the switch. |
| avCmListTrunkIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each Trunk Group. |
| avCmListTrunkGrpNumber<br>TRUNK GROUPS | .1.1.2 | R | Integer32 (0..2000) | n/a | An object that uniquely identifies each Trunk Group. |
| avCmListTrunkGrpType<br>TRUNK GROUPS | .1.1.3 | R | SnmpAdminString (SIZE (0..14)) | Board Number | List Command: Does not display this field. Display Command: Service Type |
| avCmListTrunkGrpName<br>TRUNK GROUPS | .1.1.4 | R | SnmpAdminString (SIZE (0..28)) | Board Type | List Command: Does not display this field. Display Command: Comm Type |
| avCmListTrunkTAC<br>TRUNK GROUPS | .1.1.5 | R | SnmpAdminString (SIZE (0..5)) | Code | List Command: Does not display this field. Display Command: Trunk Type |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListTrunkDirection<br>TRUNK GROUP | .1.1.6 | R | SnmpAdminString (SIZE (0..9)) | List Command: Does not display this field. Display Command: Direction | An object that contains the trunk group direction. |
| avCmListTrunkServiceType<br>TRUNK GROUP | .1.1.7 | R | SnmpAdminString (SIZE (0..16)) | List Command: Does not display this field. Display Command: Service Type | An object that contains the Service Type of the Trunk Group. |
| avCmListTrunkCommonType<br>TRUNK GROUP | .1.1.8 | R | SnmpAdminString (SIZE (0..6)) | List Command: Does not display this field. Display Command: Comm Type | An object that contains the Comm Type of the Trunk Group. |
| avCmListTrunkTrunkType<br>TRUNK GROUP | .1.1.9 | R | SnmpAdminString (SIZE (0..13)) | List Command: Does not display this field. Display Command: Trunk Type | An object that contains the Trunk Type of the Trunk Group. |

## Sample output of forms



```
list trunk-group                                                Page  1

                                TRUNK GROUPS

Grp                                                    No.                  Out Que
No.  TAC  Group Type    Group Name                     Mem TN  COR CDR Meas Dsp Len

1    6607 sip           OUTSIDE CALL                   2   1   1   y   none n   0
2    *02  isdn          OUTSIDE CALL                   23  1   1   y   none n   0
3    *03  isdn          OUTSIDE CALL                   30  1   1   y   none n   0
4    6004 isdn          OUTSIDE CALL                   4   1   1   y   none n   0
5    *05  isdn          OUTSIDE CALL                   23  1   1   y   none n   0
15   *15  isdn          OUTSIDE CALL                   4   1   1   y   none n   0
97   *97  sip           OUTSIDE CALL                   4   1   1   y   none n   0
200  6200 isdn          OUTSIDE CALL                   4   1   1   y   none n   0
201  6201 isdn          OUTSIDE CALL                   4   1   1   y   none y   0
202  6202 isdn          OUTSIDE CALL                   4   1   1   y   none n   0
300  *30  isdn          OUTSIDE CALL                   0   1   1   y   none n   0
352  6352 sip           OUTSIDE CALL                   4   1   1   y   none n   0
353  6353 sip           OUTSIDE CALL                   4   1   1   y   none n   10
354  6354 sip           OUTSIDE CALL                   4   1   1   y   none n   0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-AURA-CM-MIB.txt avCmListTrunk
avCmListTrunkGrpNumber.1 = INTEGER: 1
avCmListTrunkGrpNumber.2 = INTEGER: 2
:
:
```

```
avCmListTrunkGrpNumber.605 = INTEGER: 605
avCmListTrunkGrpType.1 = STRING: sip
avCmListTrunkGrpType.2 = STRING: isdn
:
:
avCmListTrunkGrpType.605 = STRING: isdn
avCmListTrunkGrpName.1 = STRING: OUTSIDE CALL
avCmListTrunkGrpName.2 = STRING: OUTSIDE CALL
:
:
avCmListTrunkGrpName.605 = STRING: OUTSIDE CALL
avCmListTrunkTAC.1 = STRING: 6607
avCmListTrunkTAC.2 = STRING: *02
:
:
avCmListTrunkTAC.605 = STRING: 6605
avCmListTrunkDirection.1 = STRING: two-way
avCmListTrunkDirection.2 = STRING: two-way
:
:
avCmListTrunkDirection.605 = STRING: two-way
avCmListTrunkServiceType.1 = STRING: tie
avCmListTrunkServiceType.2 = STRING: public-ntwrk
44
:
:
avCmListTrunkServiceType.605 = STRING: tie
avCmListTrunkCommType.1 = STRING: voice
avCmListTrunkCommType.2 = STRING: voice
:
:
avCmListTrunkCommType.605 = STRING: voice
avCmListTrunkTrunkType.1 = STRING: immed/immed
avCmListTrunkTrunkType.2 = STRING: immed/immed
:
:
avCmListTrunkTrunkType.605 = STRING: immed/immed
```

# avCmListTrunkRange

| MIB group name | OID | Type |
|---|---|---|
| avCmListTrunkRange | enterprises.6889.2.73.8.1.8 | Scalar/Table |

### Description

The avCmListTrunkRange MIB group displays the output of the list trunk xxxx count xx command. This MIB Group should be used instead of the avCmListTrunk MIB Group on systems with over 100 trunks.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Performance/Utilization

### Polling Interval

No more than once a day or when stations are added.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListTrunkRange | SAT | `list trunk xxxxx count x` | TRUNK GROUPS |
| | SAT | `display trunk xxxxx` | TRUNK GROUPS |

### Reference Document

1. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListTrunkRangeStartGrp | .1 | R/W | Integer32 (0..2000) | n/a | An object containing the starting trunk group.<br>(scalar) |
| avCmListTrunkRangeCount | .2 | R/W | Integer32 (1..100) | n/a | An object containing the number of trunks to list. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | (scalar) |
| avCmListTrunkRangeTable | .3 | n/a | SEQUENCE OF avCmListStationRangeEntry | n/a | A list of the avCmListTrunkRange entries. |
| avCmListStationRangeEntry | .3.1 | n/a | avCmListStationRangeEntry | n/a | An avCmListTrunkRange entry containing objects of the avCmListTrunkRange information sent by the switch. |
| avCmListTrunkRangeIdx | .3.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each Server Alarm. |
| avCmListTrunkRangeGrpNumber<br>TRUNK GROUPS | .3.1.2 | R | Integer32 (0..2000) | List Command: Grp No<br>Display Command: Group Number | An object that uniquely identifies each Trunk Group. |
| avCmListTrunkRangeTAC<br>TRUNK GROUPS | .3.1.3 | R | SnmpAdminString (SIZE (0..17)) | TAC | An object that contains the Access Code for the Trunk Group. |
| avCmListTrunkRangeGrpType<br>TRUNK GROUPS | .3.1.4 | R | SnmpAdminString (SIZE (0..8)) | Type | An object containing the trunk group type. |
| avCmListTrunkRangeGrpName<br>TRUNK GROUPS | .3.1.5 | R | SnmpAdminString (SIZE (0..28)) | Name | An object containing the name assigned to the trunk. |
| avCmListTrunkRangeGrpNoMem<br>TRUNK GROUPS | .3.1.6 | R | Integer32 (0..255) | No. Mem | An object containing the trunk group number of ports assigned. |
| avCmListTrunkRangeSigGrp<br>TRUNK GROUPS | .3.1.7 | R | Integer32 (0..999) | Signaling Group | An object containing the signaling group of the sip trunk group. |
| avCmListTrunkRangeGrpSigType<br>TRUNK GROUPS | .3.1.8 | R | SnmpAdminString (SIZE (0..8)) | Trunk Signaling Type | An object containing the Trunk Signaling Type of the trunk group. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListTrunkRangeDirection<br>TRUNK GROUPS | .3.1.9 | R | SnmpAdminString (SIZE (0..9)) | Direction | An object containing the Direction of the trunk group. |
| avCmListTrunkRangeServiceType<br>TRUNK GROUP | .3.1.10 | R | SnmpAdminString (SIZE (0..17)) | List Command: Does not display this field.<br>Display Command: Service Type | An object that contains the Service Type of the Trunk Group. |
| avCmListTrunkRangeCommType<br>TRUNK GROUP | .3.1.11 | R | SnmpAdminString (SIZE (0..6)) | List Command: Does not display this field.<br>Display Command: Comm Type | An object that contains the Comm Type of the Trunk Group. |
| avCmListTrunkRangeTrunkType<br>TRUNK GROUP | .3.1.12 | R | SnmpAdminString (SIZE (0..14)) | List Command: Does not display this field.<br>Display Command: Trunk Type | An object that contains the Trunk Type of the Trunk Group. |
| avCmListTrunkRangeMemAssignMeth<br>TRUNK GROUP | .3.1.13 | R | SnmpAdminString (SIZE (0..7)) | List Command: Does not display this field.<br>Display Command: Member Assignment Method | An object that contains the Member Assignment Method of the Trunk Group. |
| avCmListTrunkRangeCarMedium<br>TRUNK GROUP | .3.1.14 | R | SnmpAdminString (SIZE (0..8)) | List Command: Does not display this field.<br>Display Command: Carrier Medium | An object that contains the Carrier Medium of the Trunk Group. |

### Sample output of forms

```
list trunk-group 1 count 100                                          Page   1

                                TRUNK GROUPS

Grp                                                          No.                Out Que
No.  TAC  Group Type    Group Name                         Mem TN  COR CDR Meas Dsp Len

2    *02  isdn          OUTSIDE CALL                       23  1   1   y   none n   0
3    *03  isdn          OUTSIDE CALL                       30  1   1   y   none n   0
4    6004 isdn          OUTSIDE CALL                       4   1   1   y   none n   0
5    *05  isdn          OUTSIDE CALL                       23  1   1   y   none n   0
15   *15  isdn          OUTSIDE CALL                       4   1   1   y   none n   0
97   *97  sip           OUTSIDE CALL                       4   1   1   y   none n   0
200  6200 isdn          OUTSIDE CALL                       4   1   1   y   none n   0
201  6201 isdn          OUTSIDE CALL                       4   1   1   y   none y   0
202  6202 isdn          OUTSIDE CALL                       4   1   1   y   none n   0
300  *30  isdn          OUTSIDE CALL                       0   1   1   y   none n   0
352  6352 sip           OUTSIDE CALL                       4   1   1   y   none n   0
353  6353 sip           OUTSIDE CALL                       4   1   1   y   none n   10
354  6354 sip           OUTSIDE CALL                       4   1   1   y   none n   0
401  6401 sip           OUTSIDE CALL                       255 1   1   y   none n   0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

```
display trunk-group 2                                          Page   1 of  21
                                TRUNK GROUP

Group Number: 2                     Group Type: isdn           CDR Reports: y
  Group Name: OUTSIDE CALL                COR: 1         TN: 1         TAC: *02
   Direction: two-way         Outgoing Display? n          Carrier Medium: PRI/BRI
 Dial Access? y               Busy Threshold: 255  Night Service:
Queue Length: 0
Service Type: public-ntwrk            Auth Code? n             TestCall ITC: rest
                           Far End Test Line No:
TestCall BCC: 4
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-AURA-CM-MIB.txt avCmListTrunkRange
avCmListTrunkRangeStartGrp.0 = INTEGER: 1
avCmListTrunkRangeCount.0 = INTEGER: 10
avCmListTrunkRangeGrpNumber.2 = INTEGER: 2
avCmListTrunkRangeGrpNumber.3 = INTEGER: 3
avCmListTrunkRangeGrpNumber.4 = INTEGER: 4
avCmListTrunkRangeGrpNumber.5 = INTEGER: 5
avCmListTrunkRangeGrpNumber.15 = INTEGER: 15
avCmListTrunkRangeGrpNumber.97 = INTEGER: 97
avCmListTrunkRangeGrpNumber.200 = INTEGER: 200
avCmListTrunkRangeGrpNumber.201 = INTEGER: 201
avCmListTrunkRangeGrpNumber.202 = INTEGER: 202
```

```
avCmListTrunkRangeGrpNumber.300 = INTEGER: 300
avCmListTrunkRangeTAC.2 = STRING: *02
avCmListTrunkRangeTAC.3 = STRING: *03
avCmListTrunkRangeTAC.4 = STRING: 6004
avCmListTrunkRangeTAC.5 = STRING: *05
avCmListTrunkRangeTAC.15 = STRING: *15
avCmListTrunkRangeTAC.97 = STRING: *97
avCmListTrunkRangeTAC.200 = STRING: 6200
avCmListTrunkRangeTAC.201 = STRING: 6201
avCmListTrunkRangeTAC.202 = STRING: 6202
avCmListTrunkRangeTAC.300 = STRING: *30
avCmListTrunkRangeGrpType.2 = STRING: isdn
avCmListTrunkRangeGrpType.3 = STRING: isdn
avCmListTrunkRangeGrpType.4 = STRING: isdn
avCmListTrunkRangeGrpType.5 = STRING: isdn
avCmListTrunkRangeGrpType.15 = STRING: isdn
avCmListTrunkRangeGrpType.97 = STRING: sip
avCmListTrunkRangeGrpType.200 = STRING: isdn
avCmListTrunkRangeGrpType.201 = STRING: isdn
avCmListTrunkRangeGrpType.202 = STRING: isdn
avCmListTrunkRangeGrpType.300 = STRING: isdn
avCmListTrunkRangeGrpName.2 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.3 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.4 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.5 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.15 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.97 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.200 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.201 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.202 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpName.300 = STRING: OUTSIDE CALL
avCmListTrunkRangeGrpNoMem.2 = INTEGER: 23
avCmListTrunkRangeGrpNoMem.3 = INTEGER: 30
avCmListTrunkRangeGrpNoMem.4 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.5 = INTEGER: 23
avCmListTrunkRangeGrpNoMem.15 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.97 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.200 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.201 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.202 = INTEGER: 4
avCmListTrunkRangeGrpNoMem.300 = INTEGER: 0
avCmListTrunkRangeSigGrp.2 = INTEGER: 0
avCmListTrunkRangeSigGrp.3 = INTEGER: 0
avCmListTrunkRangeSigGrp.4 = INTEGER: 0
avCmListTrunkRangeSigGrp.5 = INTEGER: 0
avCmListTrunkRangeSigGrp.15 = INTEGER: 0
avCmListTrunkRangeSigGrp.97 = INTEGER: 97
avCmListTrunkRangeSigGrp.200 = INTEGER: 200
avCmListTrunkRangeSigGrp.201 = INTEGER: 201
avCmListTrunkRangeSigGrp.202 = INTEGER: 202
avCmListTrunkRangeSigGrp.300 = INTEGER: 0
avCmListTrunkRangeGrpSigType.2 = STRING:
avCmListTrunkRangeGrpSigType.3 = STRING:
avCmListTrunkRangeGrpSigType.4 = STRING:
avCmListTrunkRangeGrpSigType.5 = STRING:
avCmListTrunkRangeGrpSigType.15 = STRING:
avCmListTrunkRangeGrpSigType.97 = STRING:
avCmListTrunkRangeGrpSigType.200 = STRING:
avCmListTrunkRangeGrpSigType.201 = STRING:
avCmListTrunkRangeGrpSigType.202 = STRING:
avCmListTrunkRangeGrpSigType.300 = STRING:
avCmListTrunkRangeDirection.2 = STRING: two-way
avCmListTrunkRangeDirection.3 = STRING: two-way
avCmListTrunkRangeDirection.4 = STRING: two-way
avCmListTrunkRangeDirection.5 = STRING: two-way
```

```
avCmListTrunkRangeDirection.15 = STRING: two-way
avCmListTrunkRangeDirection.97 = STRING: two-way
avCmListTrunkRangeDirection.200 = STRING: two-way
avCmListTrunkRangeDirection.201 = STRING: two-way
avCmListTrunkRangeDirection.202 = STRING: two-way
avCmListTrunkRangeDirection.300 = STRING: two-way
avCmListTrunkRangeServiceType.2 = STRING: public-ntwrk
avCmListTrunkRangeServiceType.3 = STRING: tie
avCmListTrunkRangeServiceType.4 = STRING: tie
avCmListTrunkRangeServiceType.5 = STRING: tie
avCmListTrunkRangeServiceType.15 = STRING: tie
avCmListTrunkRangeServiceType.97 = STRING: tie
avCmListTrunkRangeServiceType.200 = STRING: tie
avCmListTrunkRangeServiceType.201 = STRING: tie
avCmListTrunkRangeServiceType.202 = STRING: tie
avCmListTrunkRangeServiceType.300 = STRING: tie
avCmListTrunkRangeCommType.2 = STRING: voice
avCmListTrunkRangeCommType.3 = STRING: voice
avCmListTrunkRangeCommType.4 = STRING: voice
avCmListTrunkRangeCommType.5 = STRING: voice
avCmListTrunkRangeCommType.15 = STRING: voice
avCmListTrunkRangeCommType.97 = STRING: voice
avCmListTrunkRangeCommType.200 = STRING: voice
avCmListTrunkRangeCommType.201 = STRING: voice
avCmListTrunkRangeCommType.202 = STRING: voice
avCmListTrunkRangeCommType.300 = STRING: voice
avCmListTrunkRangeTrunkType.2 = STRING: immed/immed
avCmListTrunkRangeTrunkType.3 = STRING: immed/immed
avCmListTrunkRangeTrunkType.4 = STRING: immed/immed
avCmListTrunkRangeTrunkType.5 = STRING: immed/immed
avCmListTrunkRangeTrunkType.15 = STRING: immed/immed
avCmListTrunkRangeTrunkType.97 = STRING: immed/immed
avCmListTrunkRangeTrunkType.200 = STRING: immed/immed
avCmListTrunkRangeTrunkType.201 = STRING: immed/immed
avCmListTrunkRangeTrunkType.202 = STRING: immed/immed
avCmListTrunkRangeTrunkType.300 = STRING: immed/immed
avCmListTrunkRangeMemAssignMeth.2 = STRING: manual
avCmListTrunkRangeMemAssignMeth.3 = STRING: manual
avCmListTrunkRangeMemAssignMeth.4 = STRING: manual
avCmListTrunkRangeMemAssignMeth.5 = STRING: manual
avCmListTrunkRangeMemAssignMeth.15 = STRING: manual
avCmListTrunkRangeMemAssignMeth.97 = STRING: auto
avCmListTrunkRangeMemAssignMeth.200 = STRING: auto
avCmListTrunkRangeMemAssignMeth.201 = STRING: auto
avCmListTrunkRangeMemAssignMeth.202 = STRING: auto
avCmListTrunkRangeMemAssignMeth.300 = STRING: manual
avCmListTrunkRangeCarMedium.2 = STRING: PRI/BRI
avCmListTrunkRangeCarMedium.3 = STRING: PRI/BRI
avCmListTrunkRangeCarMedium.4 = STRING: PRI/BRI
avCmListTrunkRangeCarMedium.5 = STRING: PRI/BRI
avCmListTrunkRangeCarMedium.15 = STRING: PRI/BRI
avCmListTrunkRangeCarMedium.97 = STRING: H.323
avCmListTrunkRangeCarMedium.200 = STRING: H.323
avCmListTrunkRangeCarMedium.201 = STRING: H.323
avCmListTrunkRangeCarMedium.202 = STRING: H.323
avCmListTrunkRangeCarMedium.300 = STRING: PRI/BRI
```

# avCmCapacityAsai

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityAsai | enterprises 6889.2.73.8.1.12 | Scalar |

### Description

The avCmCapacityAsai MIB Group uses the **`display capacity`**command to retrieve the ASAI capacity information under the ADJUNCT SWITCH APPLICATION INTERFACE (ASAI) section of the SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityAsai | SAT | **`display capacity`** | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

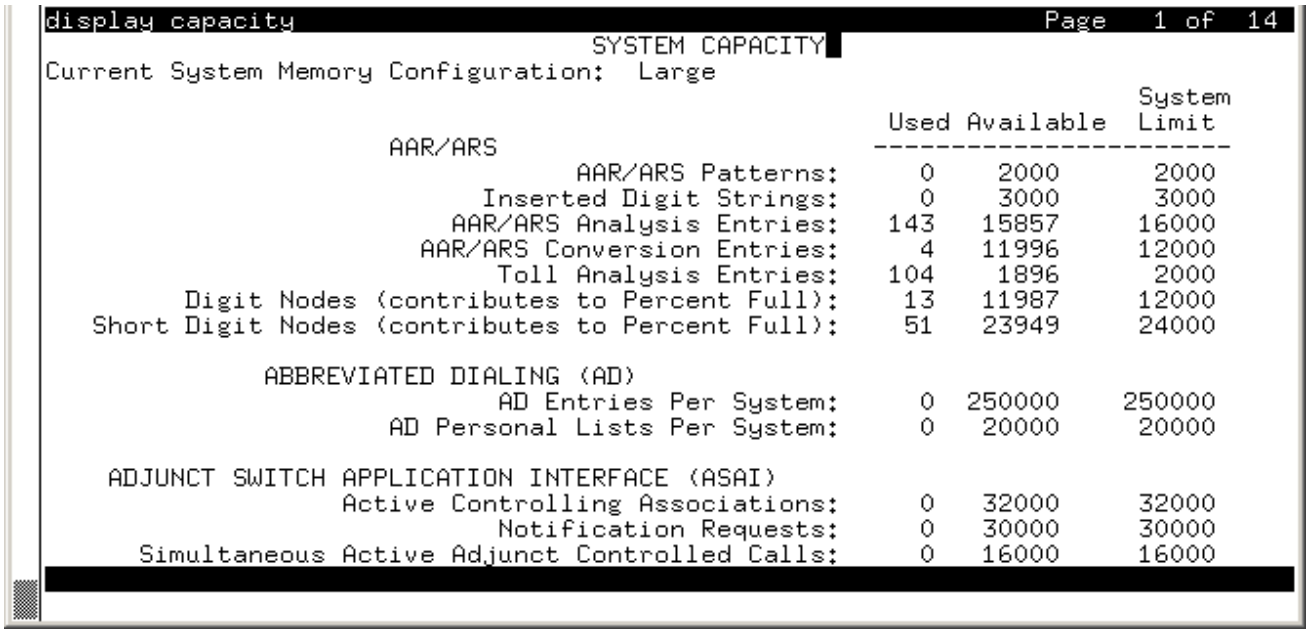
## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityAsaiActCtrlAsscUse<br>SYSTEM CAPACITY | .1 | R | Integer32 (0..99999) | Active Controlling Associations | An object that contains the number of Used Controlling Associations. |
| avCmCapacityAsaiActCtrlAsscAvail<br>SYSTEM CAPACITY | .2 | R | Integer32 (0..99999) | Active Controlling Associations | An object that contains the number of available active Associations. |
| avCmCapacityAsaiActCtrlAsscSysLim<br>SYSTEM CAPACITY | .3 | R | Integer32 (0..99999) | Active Controlling Associations | An object that contains the System Limit of Active Controlling Associations. |
| avCmCapacityAsaiNotifiReqUsed<br>SYSTEM CAPACITY | .4 | n/a | Integer32 (0..99999) | Notification Requests<br>Used | An object that contains the number of Used Notification Requests. |
| avCmCapcityAsaiNotifReqAvail<br>SYSTEM CAPACITY | .5 | R | Integer32 (0..99999) | Notification Requests | An object that contains the number of Available Notification Requests. |
| avCmCapacityAsaiNotifReqSysLim<br>SYSTEM CAPACITY | .6 | R | Integer32 (0..99999) | Notification Requests | An object that contains the system limit of Notification Requests. |
| avCmCapcityAsaiSimActAdjCtrlCallUsed<br>SYSTEM CAPACITY | .7 | R | Integer32 (0..99999) | Simultaneous Active Adjunct Controlled Calls | An object that contains the number of Used Simultaneous Active Adjunct Controlled Calls. |
| avCmCapcityAsaiSimActAdjCtrlCalAvail<br>SYSTEM CAPACITY | .8 | R | Integer32 (0..99999) | Simultaneous Active Adjunct Controlled Calls | An object that contains the number of available Simultaneous Active Adjunct Controlled Calls. |
| avCmCapacityAsaiSimActAdjCtrlCallSysLim | .9 | R | Integer32 (0..99999) | Notification Requests | An object that contains the System Limit of Simultaneous Active |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | Adjunct Controlled Calls. |

### Sample output of forms



```
display capacity                                              Page   1 of  14
                                SYSTEM CAPACITY
Current System Memory Configuration:  Large

                                                                      System
                                                    Used Available    Limit
                     AAR/ARS                       ----------------------
                                      AAR/ARS Patterns:    0    2000     2000
                                  Inserted Digit Strings:  0    3000     3000
                                AAR/ARS Analysis Entries:  143  15857    16000
                              AAR/ARS Conversion Entries:  4    11996    12000
                                  Toll Analysis Entries:   104  1896     2000
          Digit Nodes (contributes to Percent Full):       13   11987    12000
    Short Digit Nodes (contributes to Percent Full):       51   23949    24000

               ABBREVIATED DIALING (AD)
                                  AD Entries Per System:   0    250000   250000
                              AD Personal Lists Per System:0    20000    20000

     ADJUNCT SWITCH APPLICATION INTERFACE (ASAI)
                            Active Controlling Associations:0    32000    32000
                                  Notification Requests:   0    30000    30000
        Simultaneous Active Adjunct Controlled Calls:      0    16000    16000
```

### Sample Output of SNMP Walk command:

```
xerver1> snmpwalk -v 2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-
MIB.txt avCmCapacityAsai
AVAYA-AURA-CM-MIB::avCmCapacityAsaiActCtrlAsscUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityAsaiActCtrlAsscAvail.0 = INTEGER: 32000
AVAYA-AURA-CM-MIB::avCmCapacityAsaiActCtrlAsscSysLim.0 = INTEGER: 32000
AVAYA-AURA-CM-MIB::avCmCapacityAsaiNotifReqUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityAsaiNotifReqAvail.0 = INTEGER: 30000
AVAYA-AURA-CM-MIB::avCmCapacityAsaiNotifReqSysLim.0 = INTEGER: 30000
AVAYA-AURA-CM-MIB::avCmCapacityAsaiSimActAdjCtrlCallUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityAsaiSimActAdjCtrlCallAvail.0 = INTEGER: 16000
AVAYA-AURA-CM-MIB::avCmCapacityAsaiSimActAdjCtrlCallSysLim.0 = INTEGER: 16000
```

# avCmCapacityBcms

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityBcms | enterprises.688.,2..73..8.1.13 | Scalar |

### Description

The avCmCapacityBcms MIB Group uses the **`display capacity`** command to retrieve the Bcms capacity information under the BASIC CALL MANAGEMENT SYSTEM (BCMS) section of the SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityBcms | SAT | **`display capacity`** | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmCapacityBcmsMeasAgentsUsed | .1 | R | Integer32 (0..99999) | BCMS Measured Agents | An object that contains the number of BCMS Measured Agents. |
| SYSTEM CAPACITY | | | | | |

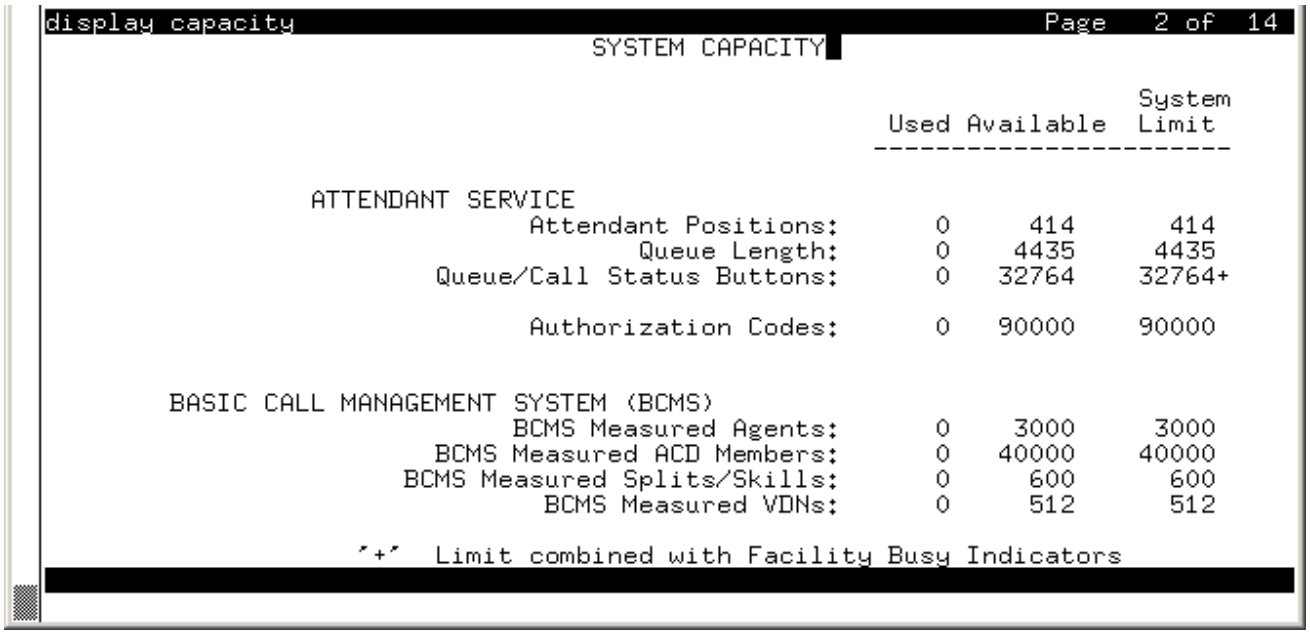
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityBcmsMeasAgentAvail<br>SYSTEM CAPACITY | .2 | R | Integer32 (0..99999) | BCMS Measured Agents | An object that contains the number of Available BCMS Measured Agents. |
| avCmCapacityBcmsMeasAcdMemAvail<br>SYSTEM CAPACITY | .3 | R | Integer32 (0..99999) | BCMS Measured Agents | An object that contains the System L of Available BCMS Measured Agents. |
| avCmCapacityBcmsMeasAcdMemAvail<br>SYSTEM CAPACITY | .4 | R | Integer32 (0..99999) | BCMS Measured ACD Members | An object that contains the number of used BCMS Measured ACD members. |
| avCmCapacityBcmsMeasAcdMemAvail<br>SYSTEM CAPACITY | .5 | R | Integer32 (0..99999) | BCMS Measured ACD Members | An object that contains the number of available BCMS Measured ACD Members. |
| avCmCapcityBcmsMeasAcdMemAvail<br>SYSTEM CAPACITY | .6 | R | Integer32 (0..99999) | BCMS Measured ACD Members | An object that contains the system limit of available BCMS Measured ACD Members. |
| avCapcityBcmsMeasSpliSkilUsed<br>SYSTEM CAPACITY | .7 | R | Integer32 (0..99999) | BCMS Measured Splits/Skills | An object that contains the number of Used BCMS Measured Splits/ Skills. |
| avCmCapacityBcmsMeasSpliSkilAvail<br>SYSTEM CAPACITY | .8 | R | Integer32 (0..99999) | BCMS Measured Splits/Skills | An object that contains the number of available BCMS Measured Splits/ Skills. |
| avCmCapcityBcmsMeasSpliSkilAvail<br>SYSTEM CAPACITY | .9 | R | Integer32 (0..99999) | CMS Measured Splits/Skills | An object that contains the number of available CMS Measured Splits/ Skills. |
| avCmCapacityBcmsMeasVdnUsed<br>SYSTEM CAPACITY | .10 | R | Integer32 (0..99999) | BCMS Measured VDNs | An object that contains the number of used BCMS Measured VDNs. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityBcmsMeasVdnAvail<br>SYSTEM CAPACITY | .11 | R | Integer32 (0..99999) | BCMS Measured VDNs | An object that contains the number of available BCMS Measured VDNs. |
| avCmCapacityBcmsMeasVdnSysLim<br>SYSTEM CAPACITY | .12 | R | Integer32 (0..99999) | BCMS Measured VDNs | An object that contains the system limit of BCMS Measured VDNs. |

## Sample output of forms



```
display capacity                                          Page   2 of  14
                                SYSTEM CAPACITY

                                                                  System
                                                  Used Available  Limit
                                                 ----------------------

                    ATTENDANT SERVICE
                                  Attendant Positions:      0      414      414
                                         Queue Length:      0     4435     4435
                                Queue/Call Status Buttons:  0    32764    32764+

                                  Authorization Codes:      0    90000    90000

                BASIC CALL MANAGEMENT SYSTEM (BCMS)
                                  BCMS Measured Agents:     0     3000     3000
                                BCMS Measured ACD Members:  0    40000    40000
                               BCMS Measured Splits/Skills: 0      600      600
                                        BCMS Measured VDNs: 0      512      512

                          '+'  Limit combined with Facility Busy Indicators
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c public xx.xxx.xxx.xxx t -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmCapacityBcms
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAgentsUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAgentsAvail.0 = INTEGER: 3000
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAgentsSysLim.0 = INTEGER: 3000
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAcdMemUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAcdMemAvail.0 = INTEGER: 40000
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAcdMemSysLim.0 = INTEGER: 40000
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasSpliSkilUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasSpliSkilAvail.0 = INTEGER: 600
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasSpliSkilSysLim.0 = INTEGER: 600
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasVdnUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasVdnAvail.0 = INTEGER: 512
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasVdnSysLim.0 = INTEGER: 512
```

# avCmCapacityCallVec

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityCallVec | enterprises.6889.2.73.8.1.14 | Scalar |

### Description

The avCmCapacityCallVec MIB Group uses the **`display capacity`** command to retrieve the CALL VECTORING capacity information under the CALL VECTORING/CALL PROMPTING section of the SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityCallVec | SAT | **`display capacity`** | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityCallVecTotalVdnUsed<br>SYSTEM CAPACITY | .1 | R | Integer32 (0..99999) | Total Vector Directory Numbers | An object that contains the number of used total Vector Directory Numbers. |
| Total Vector Directory Numbers<br>SYSTEM CAPACITY | .2 | R | Integer32 (0..99999) | Total Vector Directory Numbers | An object that contains the number of available total Vector Directory Numbers. |
| avCmCapacityCallVecTotalVdnSysLim<br>SYSTEM CAPACITY | .3 | R | Integer32 (0..99999) | Total Vector Directory Numbers | An object that contains the system limit of available total Vector Directory Numbers. |
| avCmCapacityCallVecMeetMeVdnUsed<br>SYSTEM CAPACITY | .4 | R | Integer32 (0..99999) | Meet-me Conference VDNs per system | An object that contains the number of used Meet-me Conference VDNs per system. |
| avCmCapacityCallVecMeetMeVdnAvail<br>SYSTEM CAPACITY | .5 | R | Integer32 (0..99999) | Meet-me Conference VDNs per system | An object that contains the number of available Meet-me Conference VDNs per system. |
| avCmCapacityCallVecMeetMeVdnSysLim<br>SYSTEM CAPACITY | .6 | R | Integer32 (0..99999) | Meet-me Conference VDNs per system | An object that contains the system limit of Meet-me Conference VDNs per system. |
| avCmCapacityCallVecMaxExpMeetMePtsUsed<br>SYSTEM CAPACITY | .7 | R | Integer32 (0..99999) | Maximum Number of Expanded Meet-me Conf. Ports | An object that contains the number of used maximum number of Expanded Meet-me Conference ports. |
| avCmCapacityCallVecMaxExpMeetMePtsAvail<br>SYSTEM CAPACITY | .8 | R | Integer32 (0..99999) | Maximum Number of Expanded Meet-me Conf. Ports | An object that contains the number of available maximum number of Expanded Meet-me Conference ports. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityCallVecMaxExpMeetMePtsSysLim<br>SYSTEM CAPACITY | .9 | R | Integer32 (0..99999) | Maximum Number of Expanded Meet-me Conf. Ports | An object that contains the system limits of maximum number of Expanded Meet-me Conference ports. |
| avCmCapacityCallVecTotalVectorsUsed<br>SYSTEM CAPACITY | .10 | R | Integer32 (0..99999) | Total Vectors Per System | An object that contains the number of used total vectors per system. |
| avCmCapacityCallVecTotalVectorsAvail<br>SYSTEM CAPACITY | .11 | R | Integer32 (0..99999) | Total Vectors Per System | An object that contains the number of available total vectors per system. |
| avCmCapacityCallVecTotalVectorsSysLim<br>SYSTEM CAPACITY | .12 | R | Integer32 (0..99999) | Total Vectors Per System | An object that contains the system limit of used total vectors per system. |
| avCmCapacityCallVecMeetMeVectorsUsed<br>SYSTEM CAPACITY | .13 | R | Integer32 (0..99999) | Meet-me Conference vectors per system | An object that contains the number of used meet-me conference vectors per system. |
| avCmCapacityCallVecMeetMeVectorsAvail<br>SYSTEM CAPACITY | .14 | R | Integer32 (0..99999) | Meet-me Conference vectors per system | An object that contains the number of available meet-me conference vectors per system. |
| avCmCapacityCallVecMeetMeVectorsSysLim<br>SYSTEM CAPACITY | .15 | R | Integer32 (0..99999) | Meet-me Conference vectors per system | An object that contains the system limit of meet-me conference vectors per system. |
| avCmCapacityCallVecBsrAppLocPairsUsed<br>SYSTEM CAPACITY | .16 | R | Integer32 (0..99999) | BSR Application-Location Pairs Per System | An object that contains the number of used maximum BSR application-location pairs per system. |
| avCmCapacityCallVecBsrAppLocPairsAvail<br>SYSTEM CAPACITY | .17 | R | Integer32 (0..99999) | BSR Application-Location Pairs Per System | An object that contains the number of available maximum BSR |

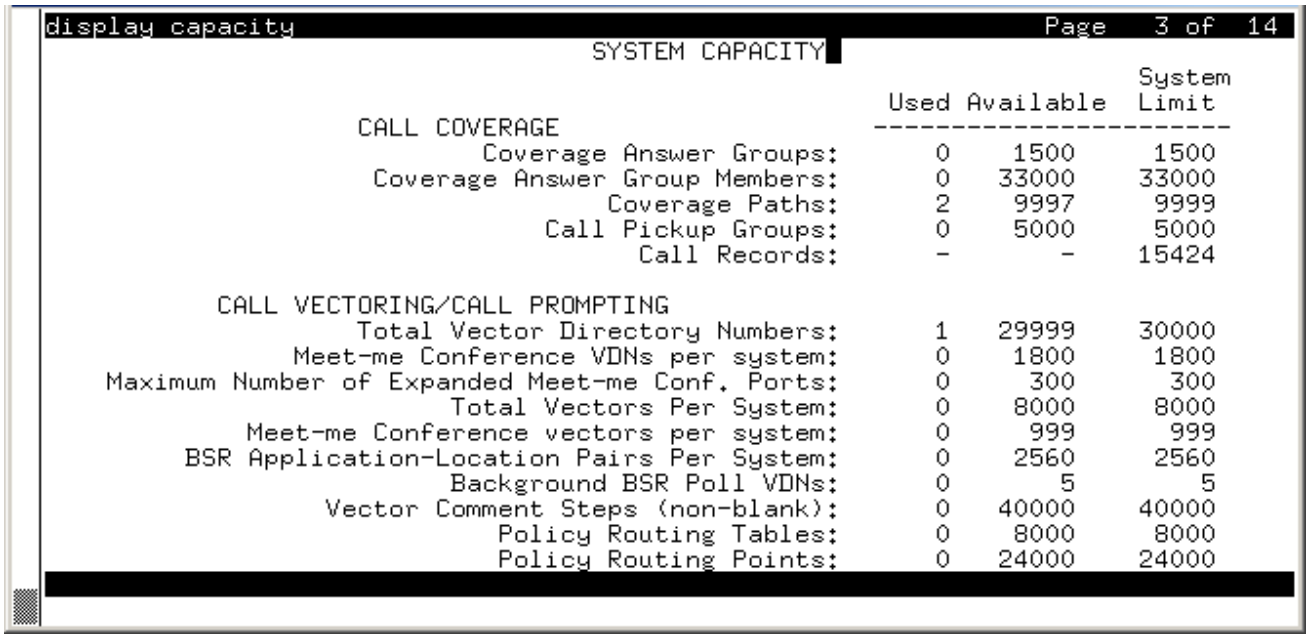
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | application-location pairs per system. |
| avCmCapacityCallVecBsrAppLocPairsSysLim<br>SYSTEM CAPACITY | .18 | R | Integer32 (0..99999) | BSR Application-Location Pairs Per System | An object that contains the system limit of BSR application-location pairs per system. |
| avCmCapacityCallVecBkgrdBsrPollVdnUsed<br>SYSTEM CAPACITY | .19 | R | Integer32 (0..99999) | Background BSR Poll VDNs | An object that contains the number of used background BSR Poll VDNs. |
| avCmCapacityCallVecBkgrdBsrPollVdnAvail<br>SYSTEM CAPACITY | .20 | R | Integer32 (0..99999) | Background BSR Poll VDNs | An object that contains the number of available background BSR Poll VDNs. . |
| avCmCapacityCallVecBkgrdBsrPollVdnSysLim<br>SYSTEM CAPACITY | .21 | R | Integer32 (0..99999) | Background BSR Poll VDNs | An object that contains the system limit of background BSR Poll VDNs. |
| avCmCapacityCallVecVecComStepsUsed<br>SYSTEM CAPACITY | .22 | R | Integer32 (0..99999) | Vector Comment Steps (non-blank) | An object that contains the number of used vector comment steps. |
| avCmCapacityCallVecVecComStepsAvail<br>SYSTEM CAPACITY | .23 | R | Integer32 (0..99999) | Vector Comment Steps (non-blank) | An object that contains the number of available vector comment steps. |
| avCmCapacityCallVecVecComStepsSysLim<br>SYSTEM CAPACITY | .24 | R | Integer32 (0..99999) | Vector Comment Steps (non-blank) | An object that contains the system limit of vector comment steps. |
| avCmCapacityCallVecPolicyRoutTblUsed<br>SYSTEM CAPACITY | .25 | R | Integer32 (0..99999) | Policy Routing Tables | An object that contains the number of used policy routing tables. |
| avCmCapacityCallVecPolicyRoutTblAvail<br>SYSTEM CAPACITY | .26 | R | Integer32 (0..99999) | Policy Routing Tables | An object that contains the number of available policy routing tables. |
| avCmCapacityCallVecPolicyRoutTblSysLim | .27 | R | Integer32 (0..99999) | Policy Routing Tables | An object that contains the system |

*Table continues…*

| | | | | | |
|---|---|---|---|---|---|
| SYSTEM CAPACITY | | | | | limit of policy routing tables. |
| avCmCapacityCallVecPolicyRoutPtslUsed<br>SYSTEM CAPACITY | .28 | R | Integer32 (0..99999) | Policy Routing Points | An object that contains the number of used policy routing points. |
| avCmCapacityCallVecPolicyRoutPtsAvail<br>SYSTEM CAPACITY | .29 | R | Integer32 (0..99999) | Policy Routing Points | An object that contains the number of available policy routing points. |
| avCmCapacityCallVecPolicyRoutPtsSysLim<br>SYSTEM CAPACITY | .30 | R | Integer32 (0..99999) | Policy Routing Points | An object that contains the system limit of policy routing points. |

## Sample output of forms



```
display capacity                                          Page   3 of  14
                              SYSTEM CAPACITY

                                                                  System
                                                 Used Available  Limit
                                                ----------------------
                    CALL COVERAGE
                            Coverage Answer Groups:     0    1500    1500
                     Coverage Answer Group Members:     0   33000   33000
                                   Coverage Paths:      2    9997    9999
                                Call Pickup Groups:     0    5000    5000
                                      Call Records:     -       -   15424

              CALL VECTORING/CALL PROMPTING
                        Total Vector Directory Numbers:     1   29999   30000
                    Meet-me Conference VDNs per system:     0    1800    1800
        Maximum Number of Expanded Meet-me Conf. Ports:     0     300     300
                              Total Vectors Per System:     0    8000    8000
                  Meet-me Conference vectors per system:     0     999     999
            BSR Application-Location Pairs Per System:     0    2560    2560
                              Background BSR Poll VDNs:     0       5       5
                     Vector Comment Steps (non-blank):     0   40000   40000
                                 Policy Routing Tables:     0    8000    8000
                                 Policy Routing Points:     0   24000   24000
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmCapacityCallVec
avCmCapacityCallVecTotalVdnUsed.0 = INTEGER: 1
avCmCapacityCallVecTotalVdnAvail.0 = INTEGER: 29999
avCmCapacityCallVecTotalVdnSysLim.0 = INTEGER: 30000
avCmCapacityCallVecMeetMeVdnUsed.0 = INTEGER: 0
avCmCapacityCallVecMeetMeVdnAvail.0 = INTEGER: 1800
avCmCapacityCallVecMeetMeVdnSysLim.0 = INTEGER: 1800
avCmCapacityCallVecMaxExpMeetMePtsUsed.0 = INTEGER: 0
avCmCapacityCallVecMaxExpMeetMePtsAvail.0 = INTEGER: 300
avCmCapacityCallVecMaxExpMeetMePtsSysLim.0 = INTEGER: 300
avCmCapacityCallVecTotalVectorsUsed.0 = INTEGER: 0
64
avCmCapacityCallVecTotalVectorsAvail.0 = INTEGER: 8000
avCmCapacityCallVecTotalVectorsSysLim.0 = INTEGER: 8000
```

```
avCmCapacityCallVecMeetMeVectorsUsed.0 = INTEGER: 0
avCmCapacityCallVecMeetMeVectorsAvail.0 = INTEGER: 999
avCmCapacityCallVecMeetMeVectorsSysLim.0 = INTEGER: 999
avCmCapacityCallVecBsrAppLocPairsUsed.0 = INTEGER: 0
avCmCapacityCallVecBsrAppLocPairsAvail.0 = INTEGER: 2560
avCmCapacityCallVecBsrAppLocPairsSysLim.0 = INTEGER: 2560
avCmCapacityCallVecBkgrdBsrPollVdnUsed.0 = INTEGER: 0
avCmCapacityCallVecBkgrdBsrPollVdnAvail.0 = INTEGER: 5
avCmCapacityCallVecBkgrdBsrPollVdnSysLim.0 = INTEGER: 5
avCmCapacityCallVecVecComStepsUsed.0 = INTEGER: 0
avCmCapacityCallVecVecComStepsAvail.0 = INTEGER: 40000
avCmCapacityCallVecVecComStepsSysLim.0 = INTEGER: 40000
avCmCapacityCallVecPolicyRoutTblUsed.0 = INTEGER: 0
avCmCapacityCallVecPolicyRoutTblAvail.0 = INTEGER: 8000
avCmCapacityCallVecPolicyRoutTblSysLim.0 = INTEGER: 8000
avCmCapacityCallVecPolicyRoutPtslUsed.0 = INTEGER: 0
avCmCapacityCallVecPolicyRoutPtsAvail.0 = INTEGER: 24000
avCmCapacityCallVecPolicyRoutPtsSysLim.0 = INTEGER: 24000
```

# avCmCapacityDialPlan

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityDialPlan | enterprises.688.,2..73..8.1.13 | Scalar |

### Description

The avCmCapacityDialPlan MIB Group uses the **`display capacity`** command to retrieve the DIAL PLAN capacity information under the DIAL PLAN section of the SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityDialPlan | SAT | `display capacity` | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

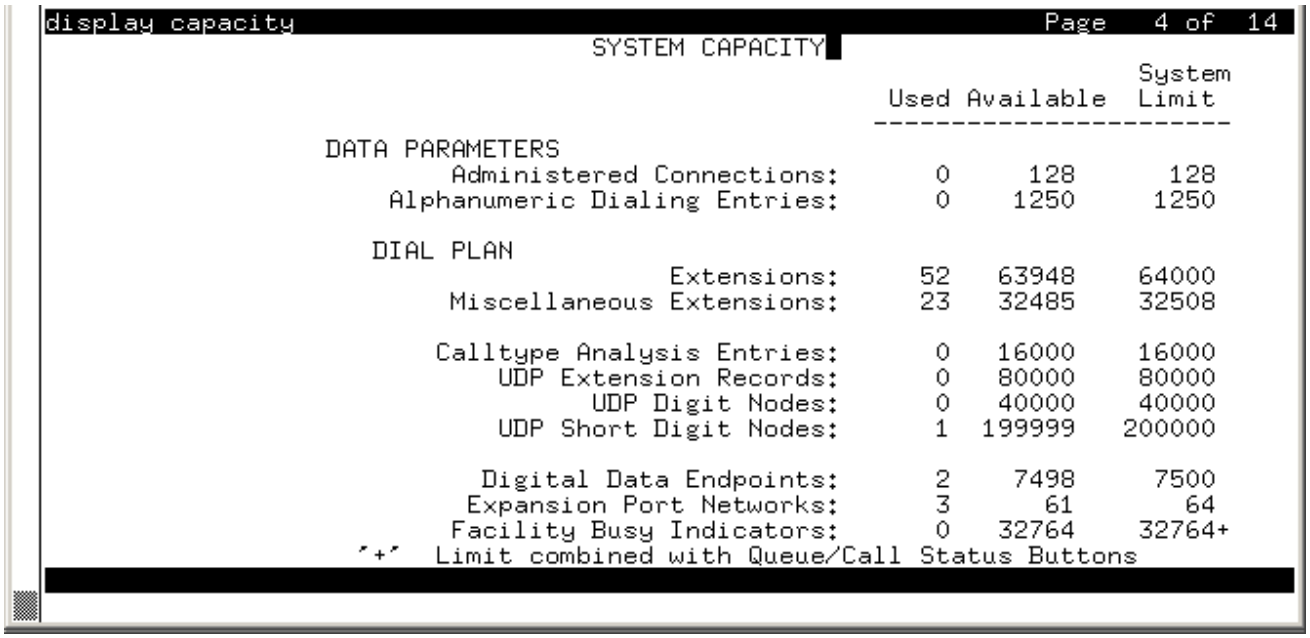
### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityDialPlan ExtUsed<br>SYSTEM CAPACITY | .1 | R | Integer32 (0..99999) | Extensions | An object that contains the number of used extensions. |
| avCmCapacityDialPlan ExtAvail<br>SYSTEM CAPACITY | .2 | R | Integer32 (0..99999) | Extensions | An object that contains the number of available extensions. |
| avCmCapacityDialPlan ExtSysLim<br>SYSTEM CAPACITY | .3 | R | Integer32 (0..99999) | Extensions | An object that contains the system limit of extensions. |
| avCmCapacityDialPlan MiscExtUsed<br>SYSTEM CAPACITY | .4 | R | Integer32 (0..99999) | Miscellaneous Extensions | An object that contains the number of used miscellaneous extensions. |
| avCmCapacityDialPlan MiscExtAvail<br>SYSTEM CAPACITY | .5 | R | Integer32 (0..99999) | Miscellaneous Extensions | An object that contains the number of available miscellaneous extensions. |
| avCmCapacityDialPlan MiscExtSysLim<br>SYSTEM CAPACITY | .6 | R | Integer32 (0..99999) | Miscellaneous Extensions | An object that contains the system limit of miscellaneous extensions. |

### Sample output of forms



```
display capacity                                          Page   4 of  14
                                SYSTEM CAPACITY

                                                                   System
                                                  Used Available   Limit
                                                 ----------------------

                    DATA PARAMETERS
                            Administered Connections:        0       128       128
                        Alphanumeric Dialing Entries:        0      1250      1250

                       DIAL PLAN
                                        Extensions:       52     63948     64000
                             Miscellaneous Extensions:       23     32485     32508

                                Calltype Analysis Entries:        0     16000     16000
                                    UDP Extension Records:        0     80000     80000
                                          UDP Digit Nodes:        0     40000     40000
                                    UDP Short Digit Nodes:        1    199999    200000

                                      Digital Data Endpoints:        2      7498      7500
                                    Expansion Port Networks:        3        61        64
                                    Facility Busy Indicators:        0     32764     32764+
                         '+'  Limit combined with Queue/Call Status Buttons
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-
MIB.txt avCmCapacityDialPlan
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanExtUsed.0 = INTEGER: 52
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanExtAvail.0 = INTEGER: 63948
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanExtSysLim.0 = INTEGER: 64000
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanMiscExtUsed.0 = INTEGER: 23
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanMiscExtAvail.0 = INTEGER: 32485
AVAYA-AURA-CM-MIB::avCmCapacityDialPlanMiscExtSysLim.0 = INTEGER: 32508
```

# avCmListHuntGrp

| MIB group name | OID | Type |
|---|---|---|
| avCmListHuntGrp | enterprises.6889.2.73.8.1.16 | Scalar |

### Description

The avCmListHuntGrp MIB Group uses the **`display capacity`** command to retrieve the HUNT GROUPS capacity information under the HUNT GROUPS, SPLITS, OR SKILLS section of SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListHuntGrp | SAT | `display capacity` | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityHuntGrpsSpSkUsed<br>SYSTEM CAPACITY | .1 | R | Integer32 (0..99999) | Groups/Splits/Skills | An object that contains the number of used Groups/Splits/Skills. |
| avCmCapacityHuntGrpsSpSkAvail<br>SYSTEM CAPACITY | .2 | R | Integer32 (0..99999) | Groups/Splits/Skills | An object that contains the number of available Groups/Splits/Skills. |
| avCmCapacityHuntGrpsSpSkSysLim<br>SYSTEM CAPACITY | .3 | R | Integer32 (0..99999) | Groups/Splits/Skills | An object that contains the system limit of Groups/ Splits/Skills. |
| avCmCapacityHuntGrpsAdmLogAgtUsed<br>SYSTEM CAPACITY | .4 | R | Integer32 (0..99999) | Administered Logical Agents | An object that contains the number of used |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | administered logical agents. |
| avCmCapacityHuntGrpsAdmLogAgtAvail<br>SYSTEM CAPACITY | .5 | R | Integer32 (0..99999) | Administered Logical Agents | An object that contains the number of available administered logical agents. |
| avCmCapacityHuntGrpsAdmLogAgtSysLim<br>SYSTEM CAPACITY | .6 | R | Integer32 (0..99999) | Administered Logical Agents | An object that contains the system limit of administered logical agents. |
| avCmCapacityHuntGrpsAdmLogAgtSkPrUsed<br>SYSTEM CAPACITY | .7 | R | Integer32 (0..99999) | Administered Logical Agent-Skill Pairs | An object that contains the number of used administered logical agent-skill pairs. |
| avCmCapacityHuntGrpsAdmLogAgtSkPrAvail<br>SYSTEM CAPACITY | .8 | R | Integer32 (0..99999) | Administered Logical Agent-Skill Pairs | An object that contains the number of available administered logical agent-skill pairs. |
| avCmCapacityHuntGrpsAdmLogAgtSkPrSysLim<br>SYSTEM CAPACITY | .9 | R | Integer32 (0..99999) | Administered Logical Agent-Skill Pairs | An object that contains the system limit of administered logical agent-skill pairs. |
| avCmCapacityHuntGrpsLogAcdAgtUsed<br>SYSTEM CAPACITY | .10 | R | Integer32 (0..99999) | Logged-In ACD Agents | An object that contains the number of used logged-in ACD agents. |
| avCmCapacityHuntGrpsLogAcdAgtUsed<br>SYSTEM CAPACITY | .11 | R | Integer32 (0..99999) | Logged-In ACD Agents | An object that contains the number of available logged-in ACD agents. |
| avCmCapacityHuntGrpsLogAcdAgtUsed<br>SYSTEM CAPACITY | .12 | R | Integer32 (0..99999) | Logged-In ACD Agents | An object that contains the system limit of logged-in ACD agents. |
| avCmCapacityHuntGrpsLogAdvocAgtUsed<br>SYSTEM CAPACITY | .13 | R | Integer32 (0..99999) | Logged-In Advocate Agents | An object that contains the number of used |

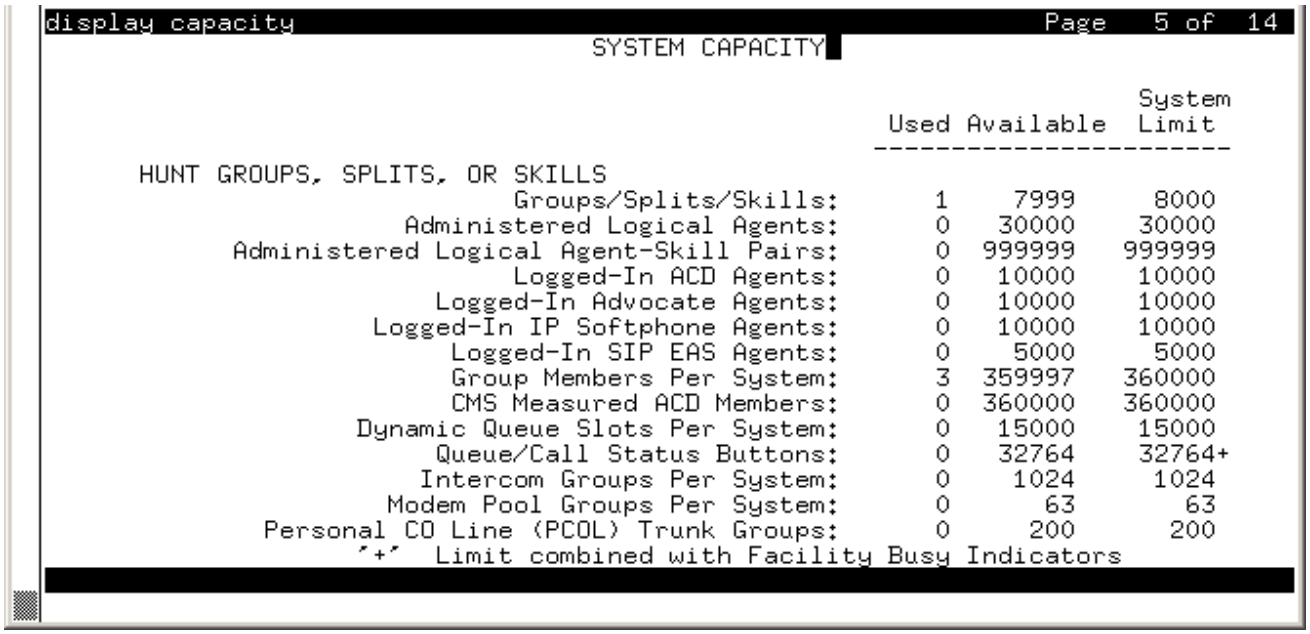
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | logged-in advocate agents. |
| avCmCapacityHuntGrpsLogAdvocAgtAvail<br>SYSTEM CAPACITY | .14 | R | Integer32 (0..99999) | Logged-In Advocate Agents | An object that contains the number of available logged-in advocate agents. |
| avCmCapacityHuntGrpsLogAdvocAgtSysLim<br>SYSTEM CAPACITY | .15 | R | Integer32 (0..99999) | Logged-In Advocate Agents | An object that contains the system limit of logged-in advocate agents. |
| avCmCapacityHuntGrpsLogIPSoftAgtUsed<br>SYSTEM CAPACITY | .16 | R | Integer32 (0..99999) | Logged-In IP Softphone Agents | An object that contains the number of used logged-in softphone agents. |
| avCmCapacityHuntGrpsLogIPSoftAgtAvail<br>SYSTEM CAPACITY | .17 | R | Integer32 (0..99999) | Logged-In IP Softphone Agents | An object that contains the number of available logged-in softphone agents. |
| avCmCapacityHuntGrpsLogIPSoftAgtSysLim<br>SYSTEM CAPACITY | .18 | R | Integer32 (0..99999) | Logged-In IP Softphone Agents | An object that contains the number of used logged-in SIP EAS agents. |
| avCmCapacityHuntGrpsLogSipEasAgtUsed<br>SYSTEM CAPACITY | .19 | R | Integer32 (0..99999) | Logged-In SIP EAS Agents | An object that contains the number of used background BSR Poll VDNs. |
| avCmCapacityHuntGrpsLogSipEasAgtAvail<br>SYSTEM CAPACITY | .20 | R | Integer32 (0..99999) | Logged-In SIP EAS Agents | An object that contains the number of available logged-in SIP EAS agents. |
| avCmCapacityHuntGrpsLogSipEasAgtSysLim<br>SYSTEM CAPACITY | .21 | R | Integer32 (0..99999) | Logged-In SIP EAS Agents | An object that contains the number of available logged-in SIP EAS agents. |
| avCmCapacityHuntGrpsGrpsMemPerSysUsed | .22 | R | Integer32 (0..99999) | Group Members Per System | An object that contains the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| SYSTEM CAPACITY | | | | | number of used vector comment steps. |
| avCmCapacityHuntGrpsGrpsMemPerSysAvail<br>SYSTEM CAPACITY | .23 | R | Integer32 (0..99999) | Group Members Per System | An object that contains the number of used group members per system. |
| avCmCapacityHuntGrpsGrpsMemPerSysSysLim<br>SYSTEM CAPACITY | .24 | R | Integer32 (0..99999) | Group Members Per System | An object that contains the system limit of group members per system. |
| avCmCapacityHuntGrpsCmsMeasAcdMemUsed<br>SYSTEM CAPACITY | .25 | R | Integer32 (0..99999) | CMS Measured ACD Members | An object that contains the number of used CMS Measured ACD members. |
| avCmCapacityHuntGrpsCmsMeasAcdMemAvail<br>SYSTEM CAPACITY | .26 | R | Integer32 (0..99999) | CMS Measured ACD Members | An object that contains the number of CMS Measured ACD members. |
| avCmCapacityHuntGrpsCmsMeasAcdMemSysLim<br>SYSTEM CAPACITY | .27 | R | Integer32 (0..99999) | CMS Measured ACD Members | An object that contains the system limit of CMS Measured ACD members. |

### Sample output of forms



```
display capacity                                              Page   5 of  14
                                SYSTEM CAPACITY

                                                                      System
                                                  Used Available      Limit
                                                 ----------------------------
      HUNT GROUPS, SPLITS, OR SKILLS
                                Groups/Splits/Skills:      1      7999      8000
                          Administered Logical Agents:     0     30000     30000
                 Administered Logical Agent-Skill Pairs:   0    999999    999999
                                Logged-In ACD Agents:      0     10000     10000
                            Logged-In Advocate Agents:     0     10000     10000
                         Logged-In IP Softphone Agents:    0     10000     10000
                              Logged-In SIP EAS Agents:    0      5000      5000
                              Group Members Per System:    3    359997    360000
                              CMS Measured ACD Members:    0    360000    360000
                        Dynamic Queue Slots Per System:    0     15000     15000
                             Queue/Call Status Buttons:    0     32764     32764+
                           Intercom Groups Per System:     0      1024      1024
                         Modem Pool Groups Per System:     0        63        63
                  Personal CO Line (PCOL) Trunk Groups:    0       200       200
                       '+'  Limit combined with Facility Busy Indicators
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmCapacityHuntGrps
avCmCapacityHuntGrpsSpSkUsed.0 = INTEGER: 1
avCmCapacityHuntGrpsSpSkAvail.0 = INTEGER: 7999
avCmCapacityHuntGrpsSpSkSysLim.0 = INTEGER: 8000
avCmCapacityHuntGrpsAdmLogAgtUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsAdmLogAgtAvail.0 = INTEGER: 30000
avCmCapacityHuntGrpsAdmLogAgtSysLim.0 = INTEGER: 30000
avCmCapacityHuntGrpsAdmLogAgtSkPrUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsAdmLogAgtSkPrAvail.0 = INTEGER: 999999
avCmCapacityHuntGrpsAdmLogAgtSkPrSysLim.0 = INTEGER: 999999
avCmCapacityHuntGrpsLogAcdAgtUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsLogAcdAgtAvail.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogAcdAgtSysLim.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogAdvocAgtUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsLogAdvocAgtAvail.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogAdvocAgtSysLim.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogIPSoftAgtUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsLogIPSoftAgtAvail.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogIPSoftAgtSysLim.0 = INTEGER: 10000
avCmCapacityHuntGrpsLogSipEasAgtUsed.0 = INTEGER: 0
avCmCapacityHuntGrpsLogSipEasAgtAvail.0 = INTEGER: 5000
avCmCapacityHuntGrpsLogSipEasAgtSysLim.0 = INTEGER: 5000
```

# avCmCapacityAnnounce

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityAnnounce | enterprises.6889.2.73.8.1.17 | Scalar |

### Description

The avCmCapacityAnnounce MIB Group uses the **`display capacity`** command to retrieve the ANNOUNCEMENTS capacity information under the RECORDED ANNOUNCEMENTS/MUSIC/ AUDIO SOURCES section of the SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityAnnounce | SAT | **`display capacity`** | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmCapacityAnnounceAdmAnnFileUsed | .1 | R | Integer32 (0..99999) | Administered Announcement Files | An object that contains the number of used administered announcement files. |
| SYSTEM CAPACITY | | | | | |

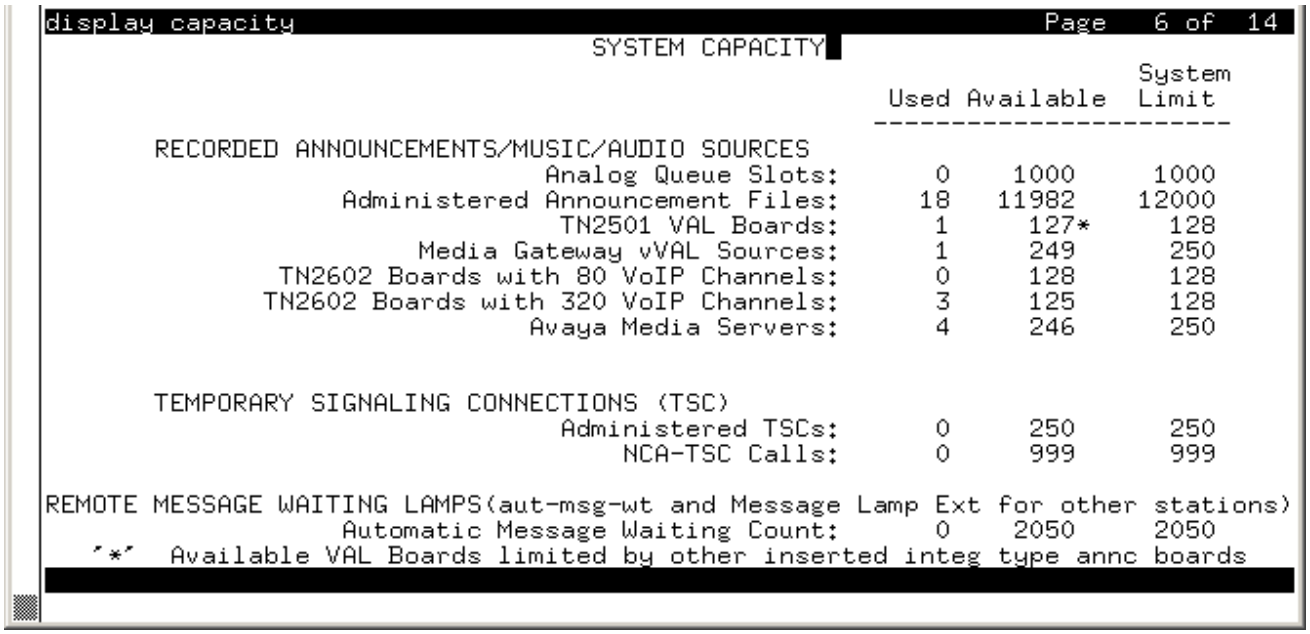
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityAnnounceAdmAnnFileAvaill<br>SYSTEM CAPACITY | .2 | R | Integer32 (0..99999) | Administered Announcement Files | An object that contains the number of available administered announcement files. |
| avCmCapacityAnnounceAdmAnnFileSysLim<br>SYSTEM CAPACITY | .3 | R | Integer32 (0..99999) | Administered Announcement Files | An object that contains the system limit of administered announcement files. |
| avCmCapacityAnnounceTN2501ValBrdUsed<br>SYSTEM CAPACITY | .4 | R | Integer32 (0..99999) | TN2501 VAL Boards | An object that contains the number of used TN2501 VAL Boards. |
| avCmCapacityAnnounceTN2501ValBrdAvail<br>SYSTEM CAPACITY | .5 | R | Integer32 (0..99999) | TN2501 VAL Boards | An object that contains the number of available TN2501 VAL Boards. |
| avCmCapacityAnnounceTN2501ValBrdSysLim<br>SYSTEM CAPACITY | .6 | R | Integer32 (0..99999) | TN2501 VAL Boards | An object that contains the system limit of TN2501 VAL Boards. |
| avCmCapacityAnnounceMGValSrcUsed<br>SYSTEM CAPACITY | .7 | R | Integer32 (0..99999) | Media Gateway vVAL Sources | An object that contains the number of used Media Gateway vVAL Sources. |
| avCmCapacityAnnounceMGValSrcAvail<br>SYSTEM CAPACITY | .8 | R | Integer32 (0..99999) | Media Gateway vVAL Sources | An object that contains the number of available Media Gateway vVAL Sources. |
| avCmCapacityAnnounceMGValSrcSysLim<br>SYSTEM CAPACITY | .9 | R | Integer32 (0..99999) | Media Gateway vVAL Sources | An object that contains the system limits of Media Gateway vVAL Sources. |
| avCmCapacityAnnounceTN2602Brds80ChUsed<br>SYSTEM CAPACITY | .10 | R | Integer32 (0..99999) | TN2602 Boards with 80 VoIP Channels | An object that contains the number of used TN2602 Boards with 80 VoIP channels. |
| avCmCapacityAnnounceTN2602Brds80ChAvail | .11 | R | Integer32 (0..99999) | TN2602 Boards with 80 VoIP Channels | An object that contains the number |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| SYSTEM CAPACITY | | | | | of available TN2602 Boards with 80 VoIP channels. |
| avCmCapacityAnnounceTN2602Brds80ChSysLim<br>SYSTEM CAPACITY | .12 | R | Integer32 (0..99999) | TN2602 Boards with 80 VoIP Channels | An object that contains the system limit of TN2602 Boards with 80 VoIP channels. |
| avCmCapacityAnnounceTN2602Brds320Used<br>SYSTEM CAPACITY | .13 | R | Integer32 (0..99999) | TN2602 Boards with 320 VoIP Channels | An object that contains the number of used TN2602 Boards with 320 VoIP channels. |
| avCmCapacityAnnounceTN2602Brds320Avail<br>SYSTEM CAPACITY | .14 | R | Integer32 (0..99999) | TN2602 Boards with 320 VoIP Channels | An object that contains the number of available TN2602 Boards with 320 VoIP channels. |
| avCmCapacityAnnounceTN2602Brds320SysLim<br>SYSTEM CAPACITY | .15 | R | Integer32 (0..99999) | TN2602 Boards with 320 VoIP Channels | An object that contains the system limit of TN2602 Boards with 320 VoIP channels. |
| avCmCapacityAnnounceAvayaMedServUsed<br>SYSTEM CAPACITY | .16 | R | Integer32 (0..99999) | Avaya Media Servers | An object that contains the number of used Avaya Media Servers. |
| avCmCapacityAnnounceAvayaMedServAvail<br>SYSTEM CAPACITY | .17 | R | Integer32 (0..99999) | Avaya Media Servers | An object that contains the number of available Avaya Media Servers. |
| avCmCapacityAnnounceAvayaMedServSysLim<br>SYSTEM CAPACITY | .18 | R | Integer32 (0..99999) | Avaya Media Servers | An object that contains the system limit of Avaya Media Servers. |

### Sample output of forms



```
display capacity                                                Page   6 of  14
                                SYSTEM CAPACITY

                                                                      System
                                                  Used Available      Limit
                                                 ----------------------------

       RECORDED ANNOUNCEMENTS/MUSIC/AUDIO SOURCES
                                  Analog Queue Slots:      0      1000      1000
                      Administered Announcement Files:     18     11982     12000
                                   TN2501 VAL Boards:      1       127*      128
                           Media Gateway vVAL Sources:     1       249       250
                    TN2602 Boards with 80 VoIP Channels:   0       128       128
                   TN2602 Boards with 320 VoIP Channels:   3       125       128
                                  Avaya Media Servers:     4       246       250


       TEMPORARY SIGNALING CONNECTIONS (TSC)
                                  Administered TSCs:       0       250       250
                                      NCA-TSC Calls:       0       999       999

REMOTE MESSAGE WAITING LAMPS(aut-msg-wt and Message Lamp Ext for other stations)
                        Automatic Message Waiting Count:   0      2050      2050
   '*'  Available VAL Boards limited by other inserted integ type annc boards
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-
MIB.txt avCmCapacityAnnounce
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAdmAnnFileUsed.0 = INTEGER: 18
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAdmAnnFileAvail.0 = INTEGER: 11982
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAdmAnnFileSysLim.0 = INTEGER: 12000
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2501ValBrdUsed.0 = INTEGER: 1
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2501ValBrdAvail.0 = INTEGER: 127
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2501ValBrdSysLim.0 = INTEGER: 128
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceMGValSrcUsed.0 = INTEGER: 1
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceMGValSrcAvail.0 = INTEGER: 249
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceMGValSrcSysLim.0 = INTEGER: 250
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds80ChUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds80ChAvail.0 = INTEGER: 128
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds80ChSysLim.0 = INTEGER: 128
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds320Used.0 = INTEGER: 3
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds320Avail.0 = INTEGER: 125
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceTN2602Brds320SysLim.0 = INTEGER: 128
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAvayaMedServUsed.0 = INTEGER: 4
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAvayaMedServAvail.0 = INTEGER: 246
AVAYA-AURA-CM-MIB::avCmCapacityAnnounceAvayaMedServSysLim.0 = INTEGER: 250
```

# avCmCapacityTrunks

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityTrunks | enterprises.6889.2.73.8.1.18 | Scalar |

### Description

The avCmCapacityTrunks MIB Group uses the **`display capacity`** command to retrieve the Trunks capacity information under the Trunks capacity section of the SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityTrunks | SAT | **`display capacity`** | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityTrunksDS1CirPksUsed<br>SYSTEM CAPACITY | .1 | R | Integer32 (0..99999) | DS1 Circuit Packs | An object that contains the number of used Groups/ Splits/Skills. |
| avCmCapacityTrunksDS1CirPksAvail | .2 | R | Integer32 (0..99999) | DS1 Circuit Packs | An object that contains the number |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| SYSTEM CAPACITY | | | | | of available Groups/ Splits/Skills. |
| avCmCapacityTrunksDS1CirPksSysLim<br>SYSTEM CAPACITY | .3 | R | Integer32 (0..99999) | DS1 Circuit Packs | An object that contains the system limit of Groups/ Splits/Skills. |
| avCmCapacityTrunksDS1EchoCanUsed<br>SYSTEM CAPACITY | .4 | R | Integer32 (0..99999) | DS1 With Echo Cancellation | An object that contains the number of used administered logical agents. |
| avCmCapacityTrunksDS1EchoCanUsed<br>SYSTEM CAPACITY | .5 | R | Integer32 (0..99999) | DS1 With Echo Cancellation | An object that contains the number of available administered logical agents. |
| avCmCapacityTrunksDS1EchoCanUsed<br>SYSTEM CAPACITY | .6 | R | Integer32 (0..99999) | DS1 With Echo Cancellation | An object that contains the system limit of administered logical agents. |
| avCmCapacityTrunksIchtIsdnSipTrkUsed<br>SYSTEM CAPACITY | .7 | R | Integer32 (0..99999) | ICHT For ISDN/SIP Trunks | An object that contains the number of used administered logical agent-skill pairs. |
| avCmCapacityTrunksIchtIsdnSipTrkAvail<br>SYSTEM CAPACITY | .8 | R | Integer32 (0..99999) | ICHT For ISDN/SIP Trunks | An object that contains the number of available administered logical agent-skill pairs. |
| avCmCapacityTrunksIchtIsdnSipTrkSysLim<br>SYSTEM CAPACITY | .9 | R | Integer32 (0..99999) | ICHT For ISDN/SIP Trunks | An object that contains the system limit of administered logical agent-skill pairs. |
| avCmCapacityTrunksIsdnCbcTrkUsed<br>SYSTEM CAPACITY | .10 | R | Integer32 (0..99999) | Total Vectors Per System | An object that contains the number of used total vectors per system. |
| avCmCapacityTrunksIsdnCbcTrkAvail<br>SYSTEM CAPACITY | .11 | R | Integer32 (0..99999) | ISDN CBC Service Selection Trunks | An object that contains the number of used logged-in ACD |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityTrunksIsdnCbcTrkSysLim<br>SYSTEM CAPACITY | .12 | R | Integer32 (0..99999) | ISDN CBC Service Selection Trunks | An object that contains the system limit of logged-in ACD agents. |
| avCmCapacityTrunksTrunkGrpsUsed<br>SYSTEM CAPACITY | .13 | R | Integer32 (0..99999) | Trunk Groups | An object that contains the number of used logged-in advocate agents. |
| avCmCapacityTrunksTrunkGrpsAvaild<br>SYSTEM CAPACITY | .14 | R | Integer32 (0..99999) | Trunk Groups | An object that contains the number of available logged-in advocate agents. |
| avCmCapacityTrunksTrunkGrpsSysLim<br>SYSTEM CAPACITY | .15 | R | Integer32 (0..99999) | Trunk Groups | An object that contains the system limit of logged-in advocate agents. |
| avCmCapacityTrunksTrunkPtsUsedv<br>SYSTEM CAPACITY | .16 | R | Integer32 (0..99999) | Trunk Ports | An object that contains the number of used logged-in softphone agents. |
| avCmCapacityTrunksTrunkPtsAvail<br>SYSTEM CAPACITY | .17 | R | Integer32 (0..99999) | Trunk Ports | An object that contains the number of available logged-in softphone agents. |
| avCmCapacityTrunksTrunkPtsSysLim<br>SYSTEM CAPACITY | .18 | R | Integer32 (0..99999) | Trunk Ports | An object that contains the number of used logged-in SIP EAS agents. |
| avCmCapacityTrunksH323TrksUsed<br>SYSTEM CAPACITY | .19 | R | Integer32 (0..99999) | H.323 Trunks (included in 'Trunk ports') | An object that contains the number of used background BSR Poll VDNs. |
| avCmCapacityTrunksH323TrksAvail<br>SYSTEM CAPACITY | .20 | R | Integer32 (0..99999) | H.323 Trunks (included in 'Trunk ports') | An object that contains the number of available logged-in SIP EAS agents. |
| avCmCapacityTrunksH323TrksSysLim<br>SYSTEM CAPACITY | .21 | R | Integer32 (0..99999) | H.323 Trunks (included in 'Trunk ports') | An object that contains the number of available logged-in SIP EAS agents. |
| avCmCapacityTrunksRemOffTrksUsed | .22 | R | Integer32 (0..99999) | Remote Office Trunks (included in 'Trunk ports') | An object that contains the number |

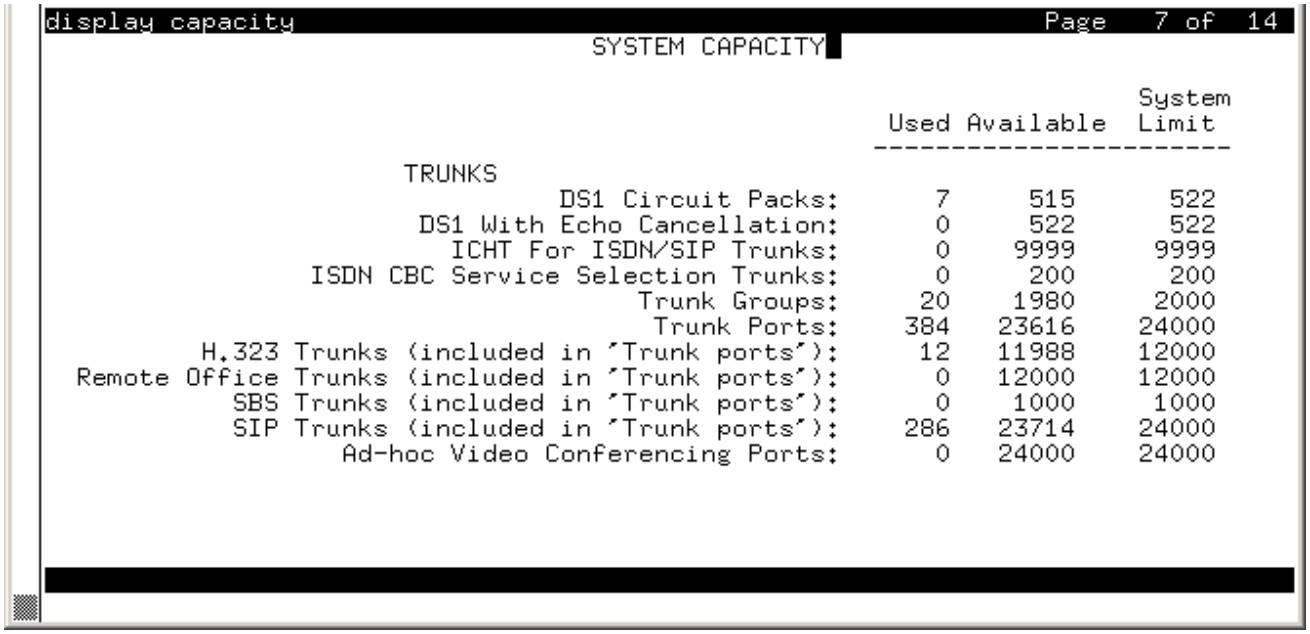
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| SYSTEM CAPACITY | | | | | of used vector comment steps. |
| avCmCapacityTrunksRemOffTrksAvail<br>SYSTEM CAPACITY | .23 | R | Integer32 (0..99999) | Remote Office Trunks (included in 'Trunk ports') | An object that contains the number of used group members per system. |
| avCmCapacityTrunksRemOffTrksSysLim<br>SYSTEM CAPACITY | .24 | R | Integer32 (0..99999) | Remote Office Trunks (included in 'Trunk ports') | An object that contains the system limit of group members per system. |
| avCmCapacityTrunksSbsTrksUsedl<br>SYSTEM CAPACITY | .25 | R | Integer32 (0..99999) | SBS Trunks (included in 'Trunk ports') | An object that contains the number of used CMS Measured ACD members. |
| avCmCapacityTrunksSbsTrksAvaill<br>SYSTEM CAPACITY | .26 | R | Integer32 (0..99999) | SBS Trunks (included in 'Trunk ports') | An object that contains the number of CMS Measured ACD members. |
| avCmCapacityTrunksSbsTrksSysLim<br>SYSTEM CAPACITY | .27 | R | Integer32 (0..99999) | SBS Trunks (included in 'Trunk ports') | An object that contains the system limit of CMS Measured ACD members. |
| avCmCapacityTrunksSipTrksAvail<br>SYSTEM CAPACITY | .28 | R | Integer32 (0..99999) | SIP Trunks (included in 'Trunk ports') | An object that contains the number of used SIP trunks. |
| avCmCapacityTrunksSipTrksAvail<br>SYSTEM CAPACITY | .29 | R | Integer32 (0..99999) | SIP Trunks (included in 'Trunk ports') | An object that contains the number of available SIP trunks. |
| avCmCapacityTrunksSipTrksSysLim<br>SYSTEM CAPACITY | .30 | R | Integer32 (0..99999) | SIP Trunks (included in 'Trunk ports') | An object that contains the system limit of SIP trunks. |
| avCmCapacityTrunksAdVidConfPtsUsed<br>SYSTEM CAPACITY | .31 | R | Integer32 (0..99999) | SIP Trunks (included in 'Trunk ports') | An object that contains the number of used Ad-hoc Video Conferencing Ports. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityTrunksAdVidConfPtsAvail<br>SYSTEM CAPACITY | .32 | R | Integer32 (0..99999) | Ad-hoc Video Conferencing Ports | An object that contains the system limit of Ad-hoc Video Conferencing Ports. |
| avCmCapacityTrunksAdVidConfPtsSysLim<br>SYSTEM CAPACITY | .33 | R | Integer32 (0..99999) | Ad-hoc Video Conferencing Ports | An object that contains the system limit of Ad-hoc Video Conferencing Ports. |

## Sample output of forms



```
display capacity                                          Page   7 of  14
                                SYSTEM CAPACITY

                                                                  System
                                                  Used Available  Limit
                                                 ----------------------

                        TRUNKS
                                      DS1 Circuit Packs:     7     515      522
                                 DS1 With Echo Cancellation:     0     522      522
                                   ICHT For ISDN/SIP Trunks:     0    9999     9999
                              ISDN CBC Service Selection Trunks:     0     200      200
                                           Trunk Groups:    20    1980     2000
                                           Trunk Ports:   384   23616    24000
                    H.323 Trunks (included in 'Trunk ports'):    12   11988    12000
              Remote Office Trunks (included in 'Trunk ports'):     0   12000    12000
                      SBS Trunks (included in 'Trunk ports'):     0    1000     1000
                      SIP Trunks (included in 'Trunk ports'):   286   23714    24000
                            Ad-hoc Video Conferencing Ports:     0   24000    24000
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmCapacityTrunks
avCmCapacityTrunksDS1CirPksUsed.0 = INTEGER: 7
avCmCapacityTrunksDS1CirPksAvail.0 = INTEGER: 515
avCmCapacityTrunksDS1CirPksSysLim.0 = INTEGER: 522
avCmCapacityTrunksDS1EchoCanUsed.0 = INTEGER: 0
avCmCapacityTrunksDS1EchoCanAvail.0 = INTEGER: 522
avCmCapacityTrunksDS1EchoCanSysLim.0 = INTEGER: 522
avCmCapacityTrunksIchtIsdnSipTrkUsed.0 = INTEGER: 0
avCmCapacityTrunksIchtIsdnSipTrkAvail.0 = INTEGER: 9999
avCmCapacityTrunksIchtIsdnSipTrkSysLim.0 = INTEGER: 9999
avCmCapacityTrunksIsdnCbcTrkUsed.0 = INTEGER: 0
avCmCapacityTrunksIsdnCbcTrkAvail.0 = INTEGER: 200
avCmCapacityTrunksIsdnCbcTrkSysLim.0 = INTEGER: 200
avCmCapacityTrunksTrunkGrpsUsed.0 = INTEGER: 20
avCmCapacityTrunksTrunkGrpsAvail.0 = INTEGER: 1980
avCmCapacityTrunksTrunkGrpsSysLim.0 = INTEGER: 2000
```

```
avCmCapacityTrunksTrunkPtsUsed.0 = INTEGER: 384
avCmCapacityTrunksTrunkPtsAvail.0 = INTEGER: 23616
avCmCapacityTrunksTrunkPtsSysLim.0 = INTEGER: 24000
avCmCapacityTrunksH323TrksUsed.0 = INTEGER: 12
avCmCapacityTrunksH323TrksAvail.0 = INTEGER: 11988
avCmCapacityTrunksH323TrksSysLim.0 = INTEGER: 12000
avCmCapacityTrunksRemOffTrksUsed.0 = INTEGER: 0
avCmCapacityTrunksRemOffTrksAvail.0 = INTEGER: 12000
avCmCapacityTrunksRemOffTrksSysLim.0 = INTEGER: 12000
avCmCapacityTrunksSbsTrksUsed.0 = INTEGER: 0
avCmCapacityTrunksSbsTrksAvail.0 = INTEGER: 1000
avCmCapacityTrunksSbsTrksSysLim.0 = INTEGER: 1000
avCmCapacityTrunksSipTrksUsed.0 = INTEGER: 286
avCmCapacityTrunksSipTrksAvail.0 = INTEGER: 23714
avCmCapacityTrunksSipTrksSysLim.0 = INTEGER: 24000
avCmCapacityTrunksAdVidConfPtsUsed.0 = INTEGER: 0
avCmCapacityTrunksAdVidConfPtsAvail.0 = INTEGER: 24000
avCmCapacityTrunksAdVidConfPtsSysLim.0 = INTEGER: 24000
```

# avCmCapacityVoiceTerm

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityVoiceTerm | enterprises.6889.2.73.8.1.19 | Scalar |

### Description

The avCmCapacityVoiceTerm MIB Group uses the **`display capacity`** command to retrieve the Station capacity information under the Trunks capacity section of the SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityVoiceTerm | SAT | `display capacity` | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

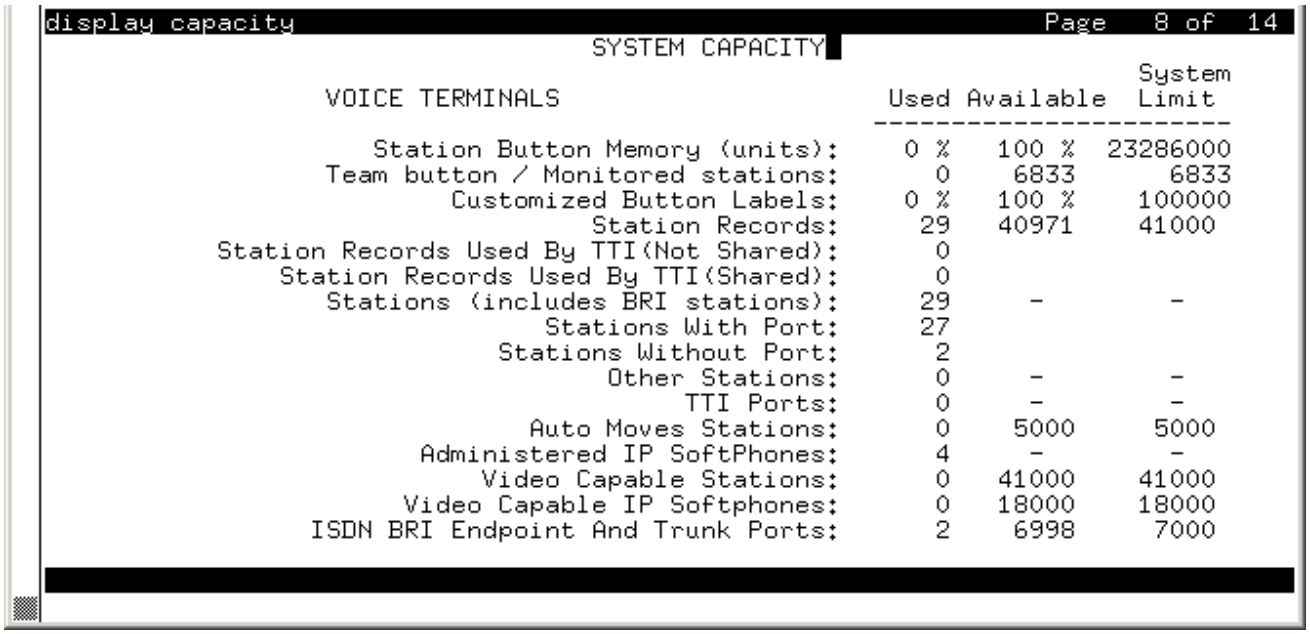
### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityVoiceTermStatWithPtUsed<br>SYSTEM CAPACITY | .1 | R | Integer32 (0..99999) | Stations With Port | An object that contains the number of used station with ports. |
| avCmCapacityVoiceTermStatWithPtAvail<br>SYSTEM CAPACITY | .2 | R | Integer32 (0..99999) | Stations With Port | An object that contains the number of available station with ports. |
| avCmCapacityVoiceTermStatWithPtSysLim<br>SYSTEM CAPACITY | .3 | R | Integer32 (0..99999) | Stations With Port | An object that contains the system limit of station with ports. |
| avCmCapacityVoiceTermTTIportsUsed<br>SYSTEM CAPACITY | .4 | n/a | Integer32 (0..99999) | DS1 With Echo Cancellation | An object that contains the number of used DS1 With Echo Cancellation. |
| avCmCapacityVoiceTermTTIportsAvail<br>SYSTEM CAPACITY | .5 | R | Integer32 (0..99999) | DS1 With Echo Cancellation | An object that contains the number of available DS1 With Echo Cancellation. |
| avCmCapacityVoiceTermTTIportsSysLim<br>SYSTEM CAPACITY | .6 | R | Integer32 (0..99999) | DS1 With Echo Cancellation | An object that contains the system limit of DS1 With Echo Cancellation. |

### Sample output of forms



```
display capacity                                              Page   8 of  14
                                SYSTEM CAPACITY

                                                                      System
                  VOICE TERMINALS                    Used  Available  Limit
                                                    ----------------------
                     Station Button Memory (units):   0 %    100 %  23286000
                  Team button / Monitored stations:     0     6833      6833
                          Customized Button Labels:   0 %    100 %    100000
                                   Station Records:    29    40971     41000
        Station Records Used By TTI(Not Shared):      0
            Station Records Used By TTI(Shared):      0
               Stations (includes BRI stations):     29        -         -
                                 Stations With Port:    27
                              Stations Without Port:     2
                                     Other Stations:     0        -         -
                                          TTI Ports:     0        -         -
                             Auto Moves Stations:        0     5000      5000
                          Administered IP SoftPhones:    4        -         -
                              Video Capable Stations:    0    41000     41000
                           Video Capable IP Softphones:  0    18000     18000
                        ISDN BRI Endpoint And Trunk Ports:    2     6998      7000
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmCapacityVoiceTerm
avCmCapacityVoiceTermStatWithPtUsed.0 = INTEGER: 27
avCmCapacityVoiceTermStatWithOutPtUsed.0 = INTEGER: 2
avCmCapacityVoiceTermOtherStatUsed.0 = INTEGER: 0
avCmCapacityVoiceTermTTIportsUsed.0 = INTEGER: 0
avCmCapacityVoiceTermAdmIPSoftUsed.0 = INTEGER: 4
avCmCapacityVoiceTermVidCapStatUsed.0 = INTEGER: 0
avCmCapacityVoiceTermVidCapStatAvail.0 = INTEGER: 41000
avCmCapacityVoiceTermVidCapStatSysLim.0 = INTEGER: 41000
avCmCapacityVoiceTermVidCapSoftUsed.0 = INTEGER: 0
avCmCapacityVoiceTermVidCapSoftAvail.0 = INTEGER: 18000
avCmCapacityVoiceTermVidCapSoftSysLim.0 = INTEGER: 18000
avCmCapacityVoiceTermBRIEndTrkPtsUsed.0 = INTEGER: 2
avCmCapacityVoiceTermBRIEndTrkPtsAvail.0 = INTEGER: 6998
avCmCapacityVoiceTermBRIEndTrkPtsSysLim.0 = INTEGER: 7000
```

# avCmCapacityLic

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityLic | enterprises 6889.2.73.8.1.20 | Scalar |

### Description

The avCmCapacityLic MIB Group uses the **`display capacity`**command to retrieve the LICENSED capacity information under the TOTAL LICENSED CAPACITY section of the SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityLic | SAT | `display capacity` | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityLicStatTrkPtsUsed<br>SYSTEM CAPACITY | .1 | R | Integer32 (0..99999) | Station and Trunk Ports | An object that contains the number of used station and trunk ports. |
| avCmCapacityLicStatTrkPtsAvail<br>SYSTEM CAPACITY | .2 | R | Integer32 (0..99999) | Station and Trunk Ports | An object that contains the number of available station and trunk ports. |
| avCmCapacityLicStatTrkPtsLicLim | .3 | R | Integer32 (0..99999) | Station and Trunk Ports | An object that contains the system |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| SYSTEM CAPACITY | | | | | limit of station and trunk ports. |
| avCmCapacityLicStatCapUsed<br>SYSTEM CAPACITY | .4 | R | Integer32 (0..99999) | SYSTEM CAPACITY | An object that contains the number of used SYSTEM CAPACITY. |
| avCmCapacityLicStatCapAvail<br>SYSTEM CAPACITY | .5 | R | Integer32 (0..99999) | SYSTEM CAPACITY | An object that contains the number of available SYSTEM CAPACITY. |
| avCmCapacityLicStatCapLicLim<br>SYSTEM CAPACITY | .6 | R | Integer32 (0..99999) | SYSTEM CAPACITY | An object that contains the system limit of SYSTEM CAPACITY. |
| avCmCapacityLicXmobileStatUsed<br>SYSTEM CAPACITY | .7 | R | Integer32 (0..99999) | XMOBILE Stations | An object that contains the number of used XMOBILE Stations. |
| avCmCapacityLicXmobileStatAvail<br>SYSTEM CAPACITY | .8 | R | Integer32 (0..99999) | XMOBILE Stations | An object that contains the number of available XMOBILE Stations. |
| avCmCapacityTrunksIchtIsdnSipTrkSysLim<br>SYSTEM CAPACITY | .9 | R | Integer32 (0..99999) | XMOBILE Stations | An object that contains the system limit of XMOBILE Stations. |
| avCmCapacityLicXmobileStatLicLim<br>SYSTEM CAPACITY | .10 | R | Integer32 (0..99999) | EC500 | An object that contains the number of used EC500. |
| avCmCapacityLicEC500Avail<br>SYSTEM CAPACITY | .11 | R | Integer32 (0..99999) | EC500 | An object that contains the number of available EC500. |
| avCmCapacityLicEC500LicLim<br>SYSTEM CAPACITY | .12 | R | Integer32 (0..99999) | EC500 | An object that contains the system limit of EC500. |
| avCmCapacityLicIsdnDectUsed<br>SYSTEM CAPACITY | .13 | R | Integer32 (0..99999) | ISDN DECT | An object that contains the number of used ISDN DECT. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityLicIpDectUsed<br>SYSTEM CAPACITY | .14 | R | Integer32 (0..99999) | IP DECT | An object that contains the number of used IP DECT. |
| avCmCapacityLicPhsUsed<br>SYSTEM CAPACITY | .15 | R | Integer32 (0..99999) | PHS | An object that contains the number of used PHS. |
| avCmCapacityLicOffPbxTelEC500Used<br>SYSTEM CAPACITY | .16 | R | Integer32 (0..99999) | Off-PBX Telephone - EC500 | An object that contains the number of used Off-PBX Telephone - EC500. |
| avCmCapacityLicOffPbxTelEC500Avail<br>SYSTEM CAPACITY | .17 | R | Integer32 (0..99999) | Trunk Ports | An object that contains the number of available Off-PBX Telephone - EC500. |
| avCmCapacityLicOffPbxTelEC500LicLimit<br>SYSTEM CAPACITY | .18 | R | Integer32 (0..99999) | Trunk Ports | An object that contains the system limit of Off-PBX Telephone - EC500. |
| avCmCapacityLicOffPbxTelPBFMCUsed<br>SYSTEM CAPACITY | .19 | R | Integer32 (0..99999) | Off-PBX Telephone - PBFMC | An object that contains the number of used Off-PBX Telephone - PBFMC. |
| avCmCapacityLicOffPbxTelPBFMCAvail<br>SYSTEM CAPACITY | .20 | R | Integer32 (0..99999) | Off-PBX Telephone - PBFMC | An object that contains the number of available Off-PBX Telephone - PBFMC. |
| avCmCapacityLicOffPbxTelPBFMCLicLimit<br>SYSTEM CAPACITY | .21 | R | Integer32 (0..99999) | Off-PBX Telephone - PBFMC | An object that contains the system limit of Off-PBX Telephone - PBFMC. |
| avCmCapacityLicOffPbxTelPVFMCUsed<br>SYSTEM CAPACITY | .22 | R | Integer32 (0..99999) | Off-PBX Telephone - PVFMC | An object that contains the number of used Off-PBX Telephone - PVFMC. |
| avCmCapacityLicOffPbxTelPVFMCAvail<br>SYSTEM CAPACITY | .23 | R | Integer32 (0..99999) | Off-PBX Telephone - PVFMC | An object that contains the number of available Off-PBX |

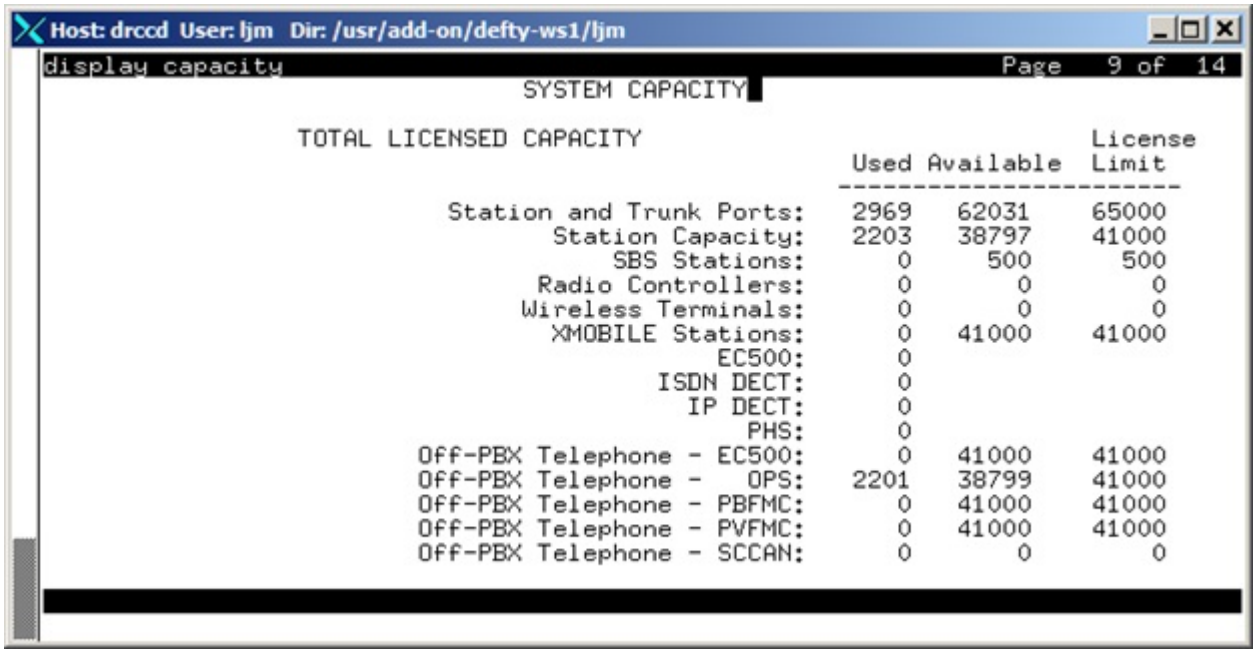
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | Telephone - PVFMC. |
| avCmCapacityLicOffPbxTelPVFMCLicLimit<br>SYSTEM CAPACITY | .24 | R | Integer32 (0..99999) | Off-PBX Telephone - PVFMC | An object that contains the system limit of Off-PBX Telephone - PVFMC. |
| avCmCapacityLicOffPbxTelSCCANUsed<br>SYSTEM CAPACITY | .25 | R | Integer32 (0..99999) | Off-PBX Telephone - SCCAN | An object that contains the number of used Off-PBX Telephone - SCCAN. |
| avCmCapacityLicOffPbxTelSCCANAvail<br>SYSTEM CAPACITY | .26 | R | Integer32 (0..99999) | Off-PBX Telephone - SCCAN | An object that contains the number of available Off-PBX Telephone - SCCAN. |
| avCmCapacityLicOffPbxTelSCCANLicLimit<br>SYSTEM CAPACITY | .27 | R | Integer32 (0..99999) | Off-PBX Telephone - SCCAN | An object that contains the system limit of Off-PBX Telephone - SCCAN. |
| avCmCapacityLicSurvProcUsed<br>SYSTEM CAPACITY | .28 | R | Integer32 (0..99999) | Survivable Processor Capacity | An object that contains the number of used Survivable Processor Capacity. |
| avCmCapacityLicSurvProcAvail<br>SYSTEM CAPACITY | .29 | R | Integer32 (0..99999) | Survivable Processor Capacity | An object that contains the number of available Survivable Processor Capacity. |
| avCmCapacityLicSurvProcLicLim<br>SYSTEM CAPACITY | .30 | R | Integer32 (0..99999) | Survivable Processor Capacity | An object that contains the system limit of Survivable Processor Capacity. |
| avCmCapacityLicAvMedSerVoIPChUsed<br>SYSTEM CAPACITY | .31 | R | Integer32 (0..99999) | Avaya Media Server VoIP Channels | An object that contains the number of used Avaya Media Server VoIP Channels. |
| avCmCapacityLicAvMedSerVoIPChAvail<br>SYSTEM CAPACITY | .32 | R | Integer32 (0..99999) | Avaya Media Server VoIP Channels | An object that contains the number of available Avaya |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | Media Server VoIP Channels. |
| avCmCapacityLicAvMedSerVoIPChLicLim<br>SYSTEM CAPACITY | .33 | R | Integer32 (0..99999) | Avaya Media Server VoIP Channels | An object that contains the system limit of Avaya Media Server VoIP Channels. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmCapacityLic
avCmCapacityLicStatTrkPtsUsed.0 = INTEGER: 413
avCmCapacityLicStatTrkPtsAvail.0 = INTEGER: 64587
avCmCapacityLicStatTrkPtsLicLimit.0 = INTEGER: 65000
avCmCapacityLicStatCapUsed.0 = INTEGER: 29
avCmCapacityLicStatCapAvail.0 = INTEGER: 40971
avCmCapacityLicStatCapLicLimit.0 = INTEGER: 41000
avCmCapacityLicXmobileStatUsed.0 = INTEGER: 0
avCmCapacityLicXmobileStatAvail.0 = INTEGER: 41000
avCmCapacityLicXmobileStatLicLimit.0 = INTEGER: 41000
avCmCapacityLicEC500Used.0 = INTEGER: 0
avCmCapacityLicIsdnDectUsed.0 = INTEGER: 0
avCmCapacityLicIpDectUsed.0 = INTEGER: 0
avCmCapacityLicPhsUsed.0 = INTEGER: 0
avCmCapacityLicOffPbxTelEC500Used.0 = INTEGER: 0
avCmCapacityLicOffPbxTelEC500Avail.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelEC500LicLimit.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelOPSUsed.0 = INTEGER: 3
avCmCapacityLicOffPbxTelOPSAvail.0 = INTEGER: 40997
avCmCapacityLicOffPbxTelOPSLicLimit.0 = INTEGER: 41000
```

```
avCmCapacityLicOffPbxTelPBFMCUsed.0 = INTEGER: 0
avCmCapacityLicOffPbxTelPBFMCAvail.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelPBFMCAvail.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelPBFMCLicLimit.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelPVFMCUsed.0 = INTEGER: 0
avCmCapacityLicOffPbxTelPVFMCAvail.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelPVFMCLicLimit.0 = INTEGER: 41000
avCmCapacityLicOffPbxTelSCCANUsed.0 = INTEGER: 0
avCmCapacityLicOffPbxTelSCCANAvail.0 = INTEGER: 0
avCmCapacityLicOffPbxTelSCCANLicLimit.0 = INTEGER: 0
avCmCapacityLicSurvProcUsed.0 = INTEGER: 1
avCmCapacityLicSurvProcAvail.0 = INTEGER: 312
avCmCapacityLicSurvProcLicLimit.0 = INTEGER: 313
avCmCapacityLicAvMedSerVoIPChUsed.0 = INTEGER: 0
avCmCapacityLicAvMedSerVoIPChAvail.0 = INTEGER: 40000
avCmCapacityLicAvMedSerVoIPChLicLimit.0 = INTEGER: 40000
```

# avCmCapacityUsage

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityUsage | enterprises 6889.2.73.8.1.21 | Scalar |

### Description

The avCmCapacityUsage MIB Group uses the **`display capacity`**command to retrieve the USAGE capacity information under the CONCURRENT USAGE COUNTS section of the SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityUsage | SAT | `display capacity` | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

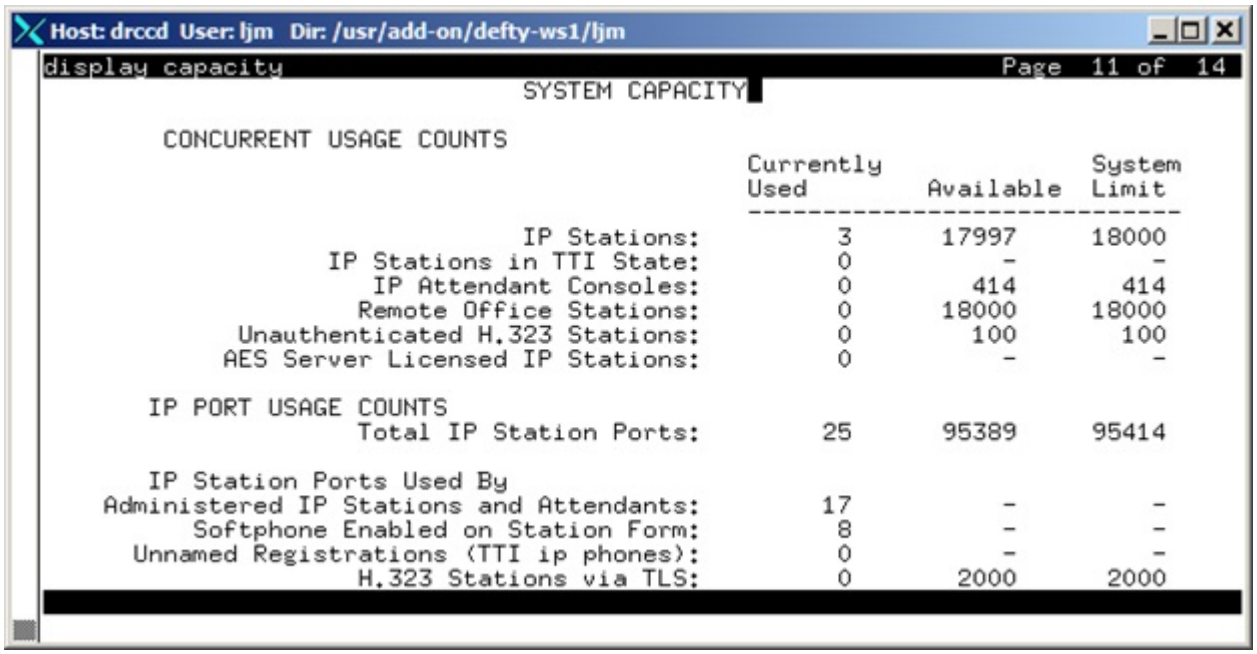
### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityUsageIPStatUsed<br>SYSTEM CAPACITY | .1 | R | Integer32 (0..99999) | IP Stations | An object that contains the number of IP Stations. |
| avCmCapacityUsageIPStatAvail<br>SYSTEM CAPACITY | .2 | R | Integer32 (0..99999) | IP Stations | An object that contains the number of available IP Stations. |
| avCmCapacityTrunksDS1CirPksSysLim<br>SYSTEM CAPACITY | .3 | R | Integer32 (0..99999) | IP Stations | An object that contains the system limit of IP Stations. |
| avCmCapacityTrunksDS1EchoCanUsed<br>SYSTEM CAPACITY | .4 | R | Integer32 (0..99999) | IP Attendant Consoles | An object that contains the number of used IP Attendant Consoles. |
| avCmCapacityTrunksDS1EchoCanUsed<br>SYSTEM CAPACITY | .5 | R | Integer32 (0..99999) | IP Attendant Consoles | An object that contains the number of available IP Attendant Consoles. |
| avCmCapacityTrunksDS1EchoCanUsed<br>SYSTEM CAPACITY | .6 | R | Integer32 (0..99999) | IP Attendant Consoles | An object that contains the system limit of IP Attendant Consoles. |
| avCmCapacityTrunksIchtIsdnSipTrkUsed<br>SYSTEM CAPACITY | .7 | R | Integer32 (0..99999) | Remote Office Stations | An object that contains the number of used Remote Office Stations. |
| avCmCapacityTrunksIchtIsdnSipTrkAvail | .8 | R | Integer32 (0..99999) | Remote Office Stations | An object that contains the number |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| SYSTEM CAPACITY | | | | | of available Remote Office Stations. |
| avCmCapacityTrunksIchtIsdnSipTrkSysLim<br>SYSTEM CAPACITY | .9 | R | Integer32 (0..99999) | Remote Office Stations | An object that contains the system limit of Remote Office Stations. |
| avCmCapacityTrunksIsdnCbcTrkUsed<br>SYSTEM CAPACITY | .10 | R | Integer32 (0..99999) | Remote Office Stations | An object that contains the number of used Remote Office Stations. |
| avCmCapacityTrunksIsdnCbcTrkAvail<br>SYSTEM CAPACITY | .11 | R | Integer32 (0..99999) | Remote Office Stations | An object that contains the number of available Remote Office Stations. |
| avCmCapacityTrunksIsdnCbcTrkSysLim<br>SYSTEM CAPACITY | .12 | R | Integer32 (0..99999) | Remote Office Stations | An object that contains the system limit of Remote Office Stations. |
| avCmCapacityTrunksTrunkGrpsUsed<br>SYSTEM CAPACITY | .13 | R | Integer32 (0..99999) | AES Server Licensed IP Stations | An object that contains the number of used AES Server Licensed IP Stations. |

## Sample output of forms



### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public lxxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmCapacityUsage
avCmCapacityUsageIPStatUsed.0 = INTEGER: 3
avCmCapacityUsageIPStatAvail.0 = INTEGER: 17997
avCmCapacityUsageIPStatSysLim.0 = INTEGER: 18000
avCmCapacityUsageIPAttConUsed.0 = INTEGER: 0
avCmCapacityUsageIPAttConAvail.0 = INTEGER: 414
avCmCapacityUsageIPAttConSysLim.0 = INTEGER: 414
avCmCapacityUsageRemOffStatUsed.0 = INTEGER: 0
avCmCapacityUsageRemOffStatAvail.0 = INTEGER: 18000
avCmCapacityUsageRemOffStatSysLim.0 = INTEGER: 18000
avCmCapacityUsageUnauthH323StatUsed.0 = INTEGER: 0
avCmCapacityUsageUnauthH323StatAvail.0 = INTEGER: 100
avCmCapacityUsageUnauthH323StatSysLim.0 = INTEGER: 100
avCmCapacityUsageAESServLicUsed.0 = INTEGER: 0
```

# avCmCapacityIPUsage

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityIPUsage | enterprises.6889.2.73.8.1.22 | Scalar |

### Description

The avCmCapacityIPUsage MIB Group uses the **`display capacity`** command to retrieve the IP PORT USAGE capacity information under the IP PORT USAGE COUNTS section of the SYSTEM CAPACITY form.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityIPUsage | SAT | `display capacity` | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

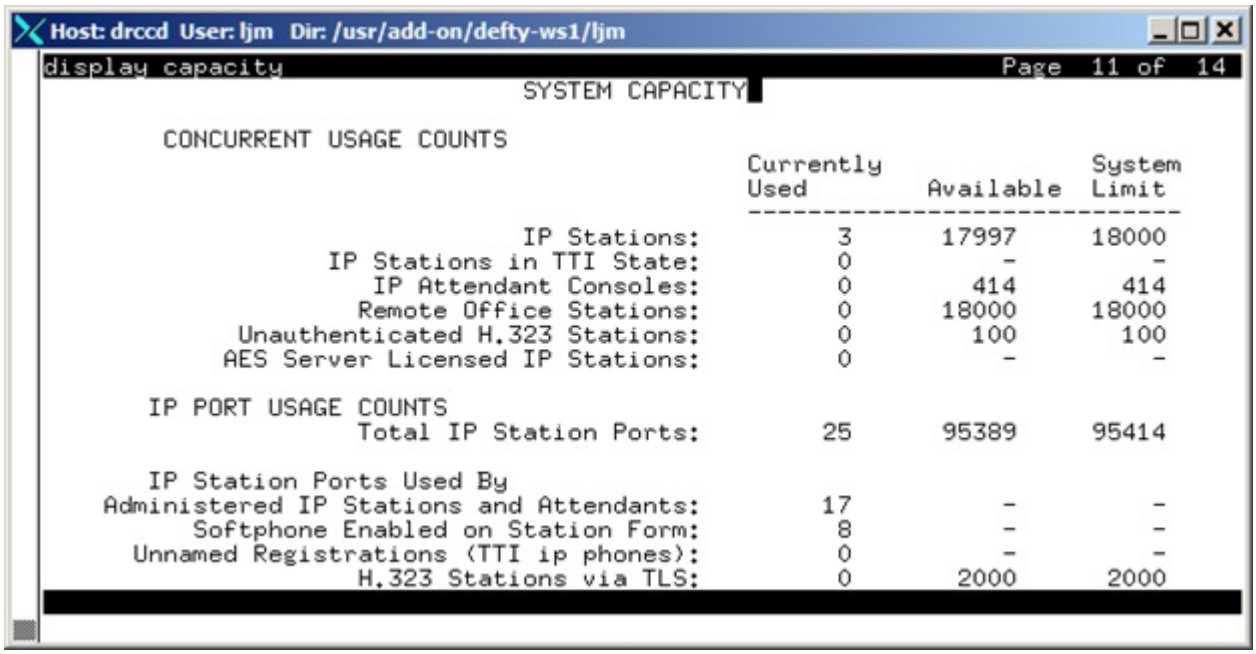
### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityIPUsage TotalIpStatPtsUsed<br>SYSTEM CAPACITY | .1 | R | Integer32 (0..99999) | Total IP Station Ports | An object that contains the number of used total IP station ports. |
| avCmCapacityIPUsage TotalIpStatPtsAvail<br>SYSTEM CAPACITY | .2 | R | Integer32 (0..99999) | Total IP Station Ports | An object that contains the number of available total IP station ports. |
| avCmCapacityIPUsage TotalIpStatPtsSysLim<br>SYSTEM CAPACITY | .3 | R | Integer32 (0..99999) | Total IP Station Ports | An object that contains the system limit of total IP station ports. |

### Sample output of forms




### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmCapacityIPUsage
avCmCapacityIPUsageTotalIpStatPtsUsed.0 = INTEGER: 25
avCmCapacityIPUsageTotalIpStatPtsAvail.0 = INTEGER: 95389
avCmCapacityIPUsageTotalIpStatPtsSysLim.0 = INTEGER: 95414
```

# avCmCapacityCurrentUsage

| MIB group name | OID | Type |
|---|---|---|
| avCmCapacityCurrentUsage | enterprises.6889.2.73.8.1.23 | Table |

### Description

The avCmCapacityCurrentUsage MIB Group displays the output of the CURRENT USAGE COUNTS BY PRODUCT ID page of **`display capacity`**command.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration

Configuration, Inventory, and Performance/Utilization

### Polling Interval

Not more than once a day.

No more than once every 20 minutes.

### Default Caching Interval

60 seconds

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmCapacityCurrentUsage | SAT | `display capacity` | SYSTEM CAPACITY |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

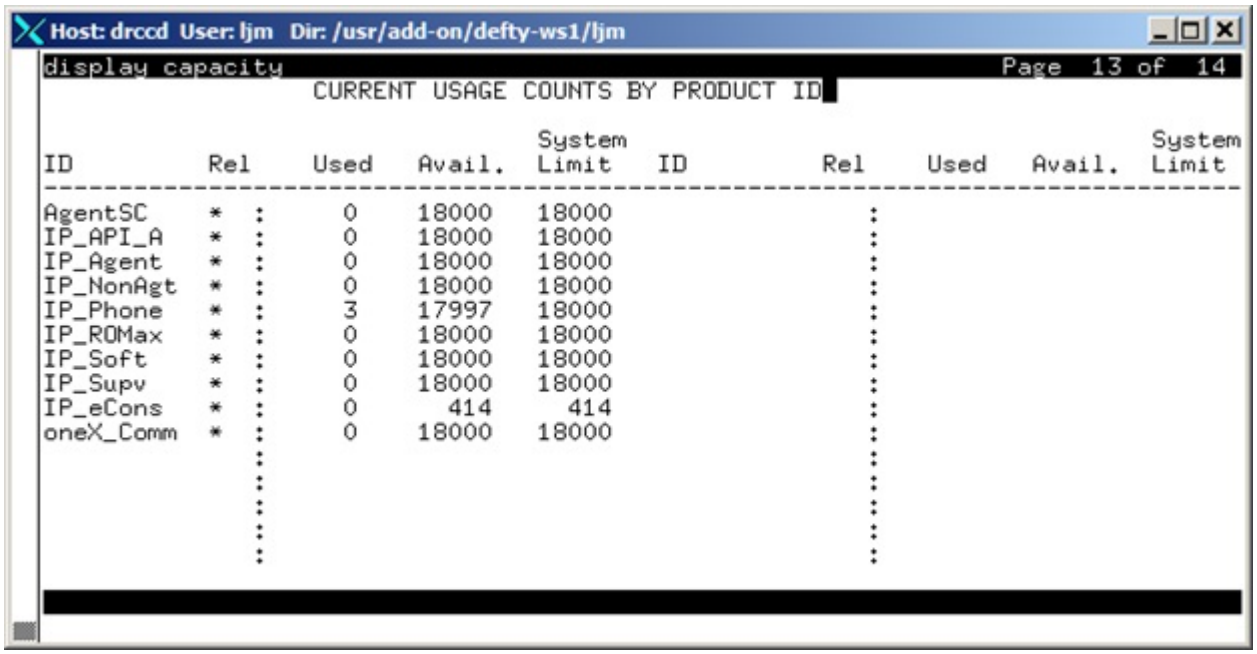
### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityCurrentUsageTable | .1 | n/a | SEQUENCE OF AvCmCapacityCurrentUsageEntry | n/a | An object that contains a list of the avCmCapacityCurrentUsage entries. |
| avCmCapacityCurrentUsageEntry | .1.1 | n/a | AvCmCapacityCurrentUsageEntry | n/a | An avCmCapacityCurrentUsage entry containing objects of the avCmCapacityCurrentUsage information sent by the switch. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmCapacityCurrentUsageIdx<br>SYSTEM CAPACITY | .1.1.1 | R | SnmpAdminString (SIZE (0..11)) | n/a | An object containing an index that uniquely identifies a Product ID. |
| avCmCapacityCurrentUsageID<br>SYSTEM CAPACITY | .1.1.2 | R | SnmpAdminString (SIZE (0..11)) | ID | An object containing the Product ID of the entry. |
| avCmCapacityCurrentUsageRel<br>SYSTEM CAPACITY | .1.1.3 | R | SnmpAdminString (SIZE (0..3)) | Rel | An object containing the release of the Product ID. |
| avCmCapacityCurrentUsageUsed<br>SYSTEM CAPACITY | .1.1.4 | R | Integer32 (0..999) | ID | An object that contains the Used count of a Product ID. |
| avCmCapacityCurrentUsageAvail<br>SYSTEM CAPACITY | .1.1.5 | R | Integer32 (0..999) | Remote Office Stations | An object that contains the available count of a Product ID. |
| avCmCapacityCurrentUsageLicLim<br>SYSTEM CAPACITY | .1.1.6 | R | Integer32 (0..999) | Remote Office Stations | An object that contains the licensed limit of a Product ID. |

## Sample output of forms



### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt  avCmCapacityCurrentUsage
avCmCapacityCurrentUsageID."AgentSC" = STRING: AgentSC
avCmCapacityCurrentUsageID."IP_Soft" = STRING: IP_Soft
avCmCapacityCurrentUsageID."IP_Supv" = STRING: IP_Supv
avCmCapacityCurrentUsageID."IP_API_A" = STRING: IP_API_A
avCmCapacityCurrentUsageID."IP_Agent" = STRING: IP_Agent
avCmCapacityCurrentUsageID."IP_Phone" = STRING: IP_Phone
avCmCapacityCurrentUsageID."IP_ROMax" = STRING: IP_ROMax
avCmCapacityCurrentUsageID."IP_eCons" = STRING: IP_eCons
avCmCapacityCurrentUsageID."IP_NonAgt" = STRING: IP_NonAgt
avCmCapacityCurrentUsageID."oneX_Comm" = STRING: oneX_Comm
avCmCapacityCurrentUsageRel."AgentSC" = STRING: *
avCmCapacityCurrentUsageRel."IP_Soft" = STRING: *
avCmCapacityCurrentUsageRel."IP_Supv" = STRING: *
avCmCapacityCurrentUsageRel."IP_API_A" = STRING: *
avCmCapacityCurrentUsageRel."IP_Agent" = STRING: *
avCmCapacityCurrentUsageRel."IP_Phone" = STRING: *
avCmCapacityCurrentUsageRel."IP_ROMax" = STRING: *
avCmCapacityCurrentUsageRel."IP_eCons" = STRING: *
avCmCapacityCurrentUsageRel."IP_NonAgt" = STRING: *
avCmCapacityCurrentUsageRel."oneX_Comm" = STRING: *
avCmCapacityCurrentUsageUsed."AgentSC" = INTEGER: 0
avCmCapacityCurrentUsageUsed."IP_Soft" = INTEGER: 0
```

# avCmListMemTrunk

| MIB group name | OID | Type |
|---|---|---|
| avCmListMemTrunk | enterprises 6889.2.73.8.1.24 | Scalar/Table |

### Description

The avCmListMemTrunk MIB Group displays the output of the **`list member trunk`** command up to the first 500 members of groups.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration

### Polling Interval

No more than once a day or when trunk members are added.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListMemTrunk | SAT | `list trunk` | TRUNK GROUPS |
| | SAT | `list member trunk` | TRUNK GROUP MEMBERS |

### Reference Document

1. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

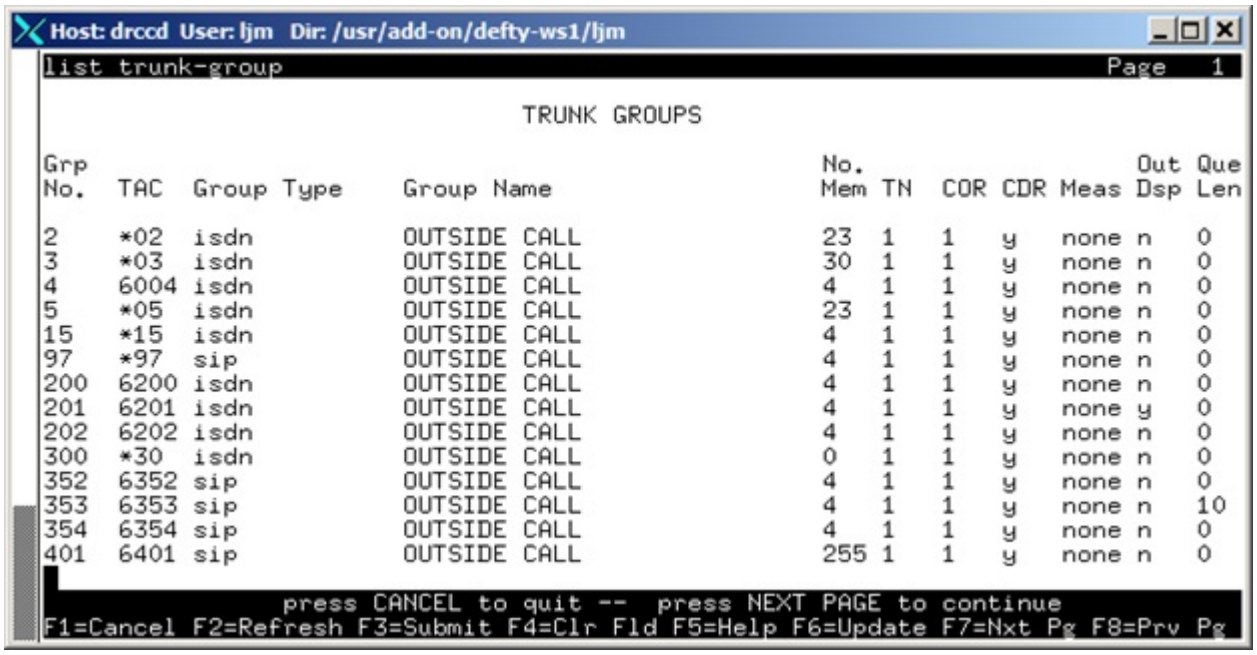
### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListMemTrunkGrp | .1 | n/a | Integer32 (0..2000) | n/a | An object that contains the trunk group. |
| avCmListMemTrunkTable | .2 | n/a | SEQUENCE OF avCmListMemTrunkTable | n/a | An object that contains a list of the avCmListMemTrunk entries. |
| avCmListMemTrunkEntry | .3.1 | n/a | avCmListMemTrunkTable | n/a | An object that contains a avCmListMemTrunk entry containing objects of the avCmListMemTrunk information sent by the switch. |
| avCmListMemTrunkIdx | .3.1.1 | n/a | Integer32 (0..2000) | n/a | An object that contains an index |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | into the Trunk Group. |
| avCmListMemTrunkMemberIdx | .3.1.2 | n/a | Integer32 (0..255) | List Command: Member No.<br>Display Command: Member No. | An object that contains an index that contains the Member No. for the Trunk Group Port. |
| avCmListMemTrunkMemMember<br>TRUNK GROUP MEMBERS | .3.1.3 | R | Integer32 (0..255) | List Command: Member No.<br>Display Command: Member No. | An object that contains an index that contains the Member No. for the Trunk Group Port. |
| avCmListMemTrunkPort<br>TRUNK GROUP MEMBERS | .3.1.4 | R | SnmpAdminString (SIZE (0..10)) | Miscellaneous Extensions | An object that contains the trunk member port. |
| avCmListMemTrunkName<br>TRUNK GROUP MEMBERS | .3.1.5 | R | SnmpAdminString (SIZE (0..11)) | Name | An object containing the name assigned to the member. |
| avCmListMemTrunkType<br>TRUNK GROUP MEMBERS | .3.1.6 | R | SnmpAdminString (SIZE (0..8)) | Type | An object containing the trunk group member type. |
| avCmListMemTrunkSigGrp<br>TRUNK GROUP MEMBERS | .3.1.7 | R | Integer32 (0..999) | Signaling Group | An object containing the signaling group of the SIP trunk group. |

## Sample output of forms



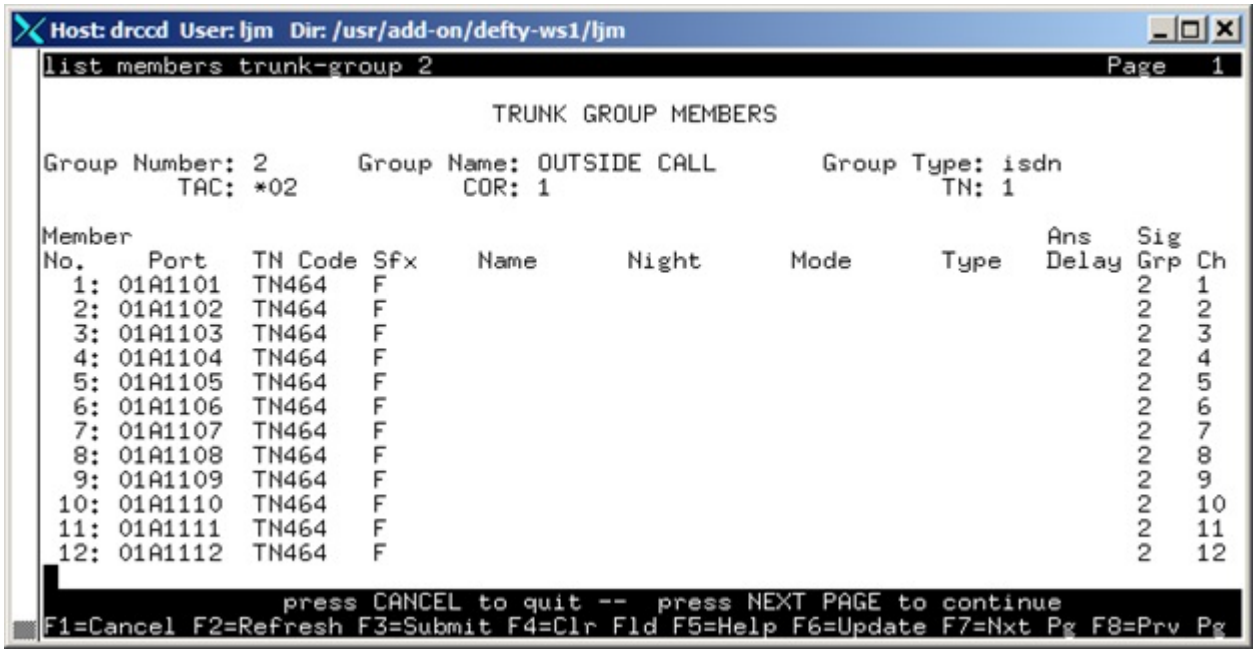
```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list trunk-group                                                    Page   1

                                TRUNK GROUPS

Grp                                                    No.                  Out Que
No.  TAC  Group Type    Group Name                     Mem TN  COR CDR Meas Dsp Len

2    *02  isdn          OUTSIDE CALL                   23  1   1   y   none n   0
3    *03  isdn          OUTSIDE CALL                   30  1   1   y   none n   0
4    6004 isdn          OUTSIDE CALL                   4   1   1   y   none n   0
5    *05  isdn          OUTSIDE CALL                   23  1   1   y   none n   0
15   *15  isdn          OUTSIDE CALL                   4   1   1   y   none n   0
97   *97  sip           OUTSIDE CALL                   4   1   1   y   none n   0
200  6200 isdn          OUTSIDE CALL                   4   1   1   y   none n   0
201  6201 isdn          OUTSIDE CALL                   4   1   1   y   none y   0
202  6202 isdn          OUTSIDE CALL                   4   1   1   y   none n   0
300  *30  isdn          OUTSIDE CALL                   0   1   1   y   none n   0
352  6352 sip           OUTSIDE CALL                   4   1   1   y   none n   0
353  6353 sip           OUTSIDE CALL                   4   1   1   y   none n   10
354  6354 sip           OUTSIDE CALL                   4   1   1   y   none n   0
401  6401 sip           OUTSIDE CALL                   255 1   1   y   none n   0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```



```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list members trunk-group 2                                          Page   1

                            TRUNK GROUP MEMBERS

Group Number: 2      Group Name: OUTSIDE CALL       Group Type: isdn
        TAC: *02             COR: 1                       TN: 1

Member                                                          Ans    Sig
No.     Port    TN Code Sfx    Name       Night      Mode      Type   Delay Grp Ch
  1: 01A1101  TN464   F                                                  2   1
  2: 01A1102  TN464   F                                                  2   2
  3: 01A1103  TN464   F                                                  2   3
  4: 01A1104  TN464   F                                                  2   4
  5: 01A1105  TN464   F                                                  2   5
  6: 01A1106  TN464   F                                                  2   6
  7: 01A1107  TN464   F                                                  2   7
  8: 01A1108  TN464   F                                                  2   8
  9: 01A1109  TN464   F                                                  2   9
 10: 01A1110  TN464   F                                                  2   10
 11: 01A1111  TN464   F                                                  2   11
 12: 01A1112  TN464   F                                                  2   12

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
init@kenny1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//
AVAYA-AURA-CM-MIB.txt  avCmListMemTrunk
avCmListMemTrunkMemMember.2.1 = INTEGER: 1
avCmListMemTrunkMemMember.2.2 = INTEGER: 2
 :
 :
avCmListMemTrunkMemMember.604.2 = INTEGER: 2
avCmListMemTrunkPort.2.1 = STRING: 01A1101
```

```
avCmListMemTrunkPort.2.2 = STRING: 01A1102
 :
 :
vCmListMemTrunkPort.604.2 = STRING: 02A0502
avCmListMemTrunkName.2.1 = STRING:
avCmListMemTrunkName.2.2 = STRING:
 :
 :
avCmListMemTrunkName.604.2 = STRING:
avCmListMemTrunkType.2.1 = STRING:
avCmListMemTrunkType.2.2 = STRING:
 :
 :
avCmListMemTrunkType.604.2 = STRING:
avCmListMemTrunkSigGrp.2.1 = INTEGER: 2
avCmListMemTrunkSigGrp.2.2 = INTEGER: 2
 :
 :
avCmListMemTrunkSigGrp.604.2 = INTEGER: 604
```

# avCmListMemTrunkRange

| MIB group name | OID | Type |
|---|---|---|
| avCmListMemTrunkRange | enterprises 6889.2.73.8.1.24 | Scalar/Trunk |

### Description

The avCmListMemTrunk MIB Group displays the output of the list member trunk count xxx command.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Performance/Utilization

### Polling Interval

No more than once a day or when trunk members are added.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListMemTrunkRange | SAT | `list trunk` | TRUNK GROUPS |
| | SAT | `list member trunk xxxx count xxx` | TRUNK GROUP MEMBERS |

### Reference Document

1. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListMemTrunkRangeGrp | .1 | R/W | Integer32 (0..2000) | n/a | An object that contains the trunk group. |
| avCmListMemTrunkRangeStart | .2 | R/W | Integer32 (0..255) | n/a | An object that contains the starting Member No. for the Trunk Group Port. |
| avCmListMemTrunkRangeCount | .3 | R/W | Integer32 (0..255) | n/a | An object that contains the trunk member count. |
| avCmListMemTrunkRangeTable | .4 | n/a | SEQUENCE OF avCmListMemTrunkRangeEntry | n/a | An object that contains a list of the avCmListMemTrunkRange entries. |
| avCmListMemTrunkRangeEntry | .4.1 | n/a | avCmListMemTrunkRangeEntry | n/a | An object that contains a avCmListMemTrunkRange entry containing objects of the avCmListMemTrunkRange information sent by the switch. |

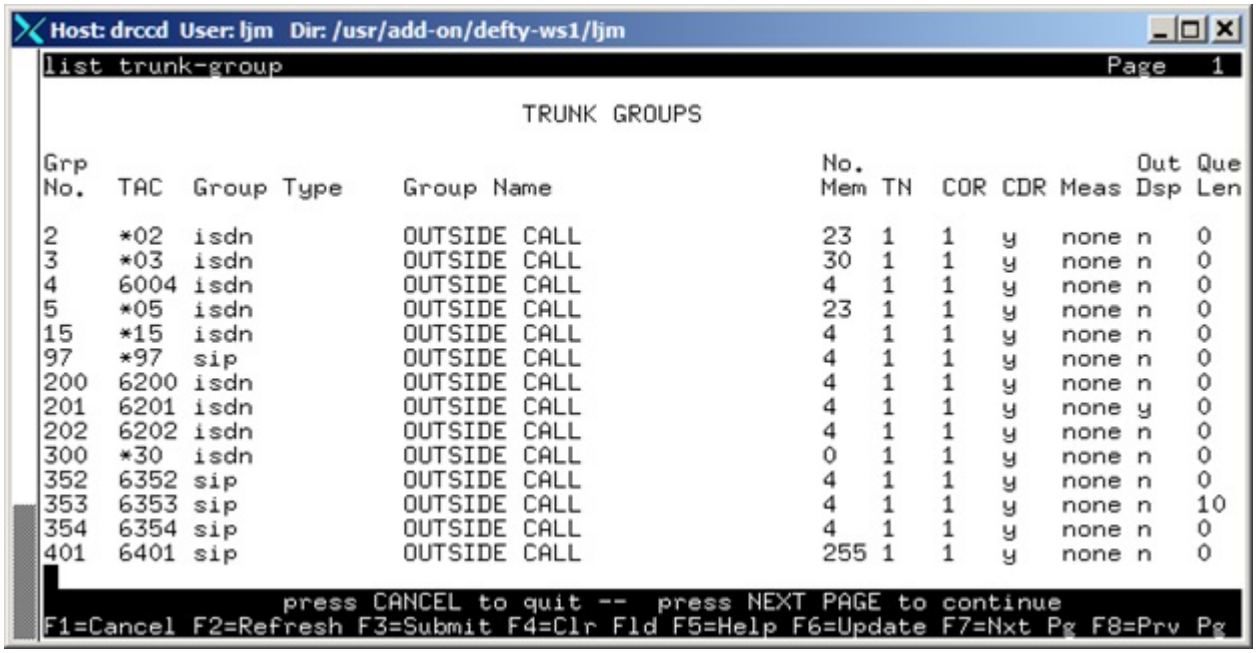
*Table continues…*

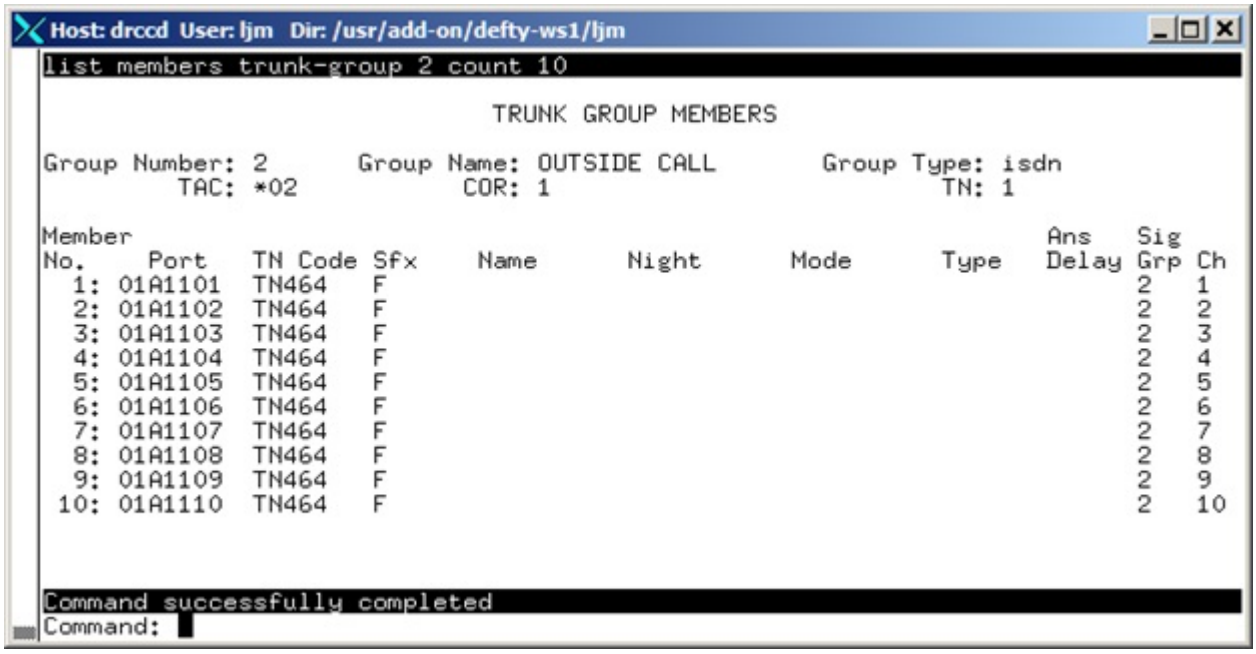
| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListMemTrunkRangeIdx<br> | .4.1.1 | n/a | Integer32 (0..2000) | n/a | An object that contains an index into the Trunk Group. |
| avCmListMemTrunkRangeMemberIdx<br> | .4.1.2 | n/a | Integer32 (0..255) | n/a | An object that contains an index that contains the Member No. for the Trunk Group Port. |
| avCmListMemTrunkRangeMemMember<br>TRUNK GROUP MEMBERS | .4.1.3 | R | Integer32 (0..255) | List Command: Member No.<br>Display Command: Member No. | An object that contains the member number of the Trunk group port. |
| avCmListMemTrunkRangePort<br>TRUNK GROUP MEMBERS | .4.1.4 | R | SnmpAdminString (SIZE (0..12)) | Type | An object containing the trunk member port. |
| avCmListMemTrunkRangeTnCode<br>TRUNK GROUP MEMBERS | .4.1.5 | R | SnmpAdminString (SIZE (0..7)) | Type | An object containing the trunk member TN code. |
| avCmListMemTrunkRangeSfx<br>TRUNK GROUP MEMBERS | .4.1.6 | R | SnmpAdminString (SIZE (0..2)) | Type | An object containing the trunk member TN code. |
| avCmListMemTrunkRangeName<br>TRUNK GROUP MEMBERS | .4.1.7 | R | SnmpAdminString (SIZE (0..13)) | Name | An object containing the name assigned to the member. |
| avCmListMemTrunkRangeNight<br>TRUNK GROUP MEMBERS | .4.1.8 | R | SnmpAdminString (SIZE (0..14)) | Name | An object containing the night service extension. |
| avCmListMemTrunkRangeMode<br>TRUNK GROUP MEMBERS | .4.1.9 | R | SnmpAdminString (SIZE (0..10)) | Name | An object containing mode associated with the member. |
| avCmListMemTrunkRangeType | .4.1.10 | R | SnmpAdminString (SIZE (0..8)) | Type | An object containing the trunk group member type. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TRUNK GROUP MEMBERS | | | | | |
| avCmListMemTrunkRangeAnsDelay<br>TRUNK GROUP MEMBERS | .4.1.11 | R | Integer32 (0..5100) | Type | An object containing the trunk group Answer Delay. |
| avCmListMemTrunkRangeSigGrp<br>TRUNK GROUP MEMBERS | .4.1.12 | R | Integer32 (0..999) | Signaling Group | An object containing the signaling group of the sip trunk group. |

## Sample output of forms






## Sample Output of SNMP Walk command:

```
server1>  snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//
AVAYA-AURA-CM-MIB.txt  avCmListMemTrunkRange
avCmListMemTrunkRangeGrp.0 = INTEGER: 1
avCmListMemTrunkRangeStart.0 = INTEGER: 1
avCmListMemTrunkRangeCount.0 = INTEGER: 10
avCmListMemTrunkRangeMemMember.2.1 = INTEGER: 1
avCmListMemTrunkRangeMemMember.2.2 = INTEGER: 2
avCmListMemTrunkRangeMemMember.2.3 = INTEGER: 3
avCmListMemTrunkRangeMemMember.2.4 = INTEGER: 4
avCmListMemTrunkRangeMemMember.2.5 = INTEGER: 5
avCmListMemTrunkRangeMemMember.2.6 = INTEGER: 6
avCmListMemTrunkRangeMemMember.2.7 = INTEGER: 7
avCmListMemTrunkRangeMemMember.2.8 = INTEGER: 8
avCmListMemTrunkRangeMemMember.2.9 = INTEGER: 9
avCmListMemTrunkRangeMemMember.2.10 = INTEGER: 10
avCmListMemTrunkRangePort.2.1 = STRING: 01A1101
avCmListMemTrunkRangePort.2.2 = STRING: 01A1102
avCmListMemTrunkRangePort.2.3 = STRING: 01A1103
avCmListMemTrunkRangePort.2.4 = STRING: 01A1104
avCmListMemTrunkRangePort.2.5 = STRING: 01A1105
avCmListMemTrunkRangePort.2.6 = STRING: 01A1106
avCmListMemTrunkRangePort.2.7 = STRING: 01A1107
avCmListMemTrunkRangePort.2.8 = STRING: 01A1108
avCmListMemTrunkRangePort.2.9 = STRING: 01A1109
avCmListMemTrunkRangePort.2.10 = STRING: 01A1110
avCmListMemTrunkRangeTnCode.2.1 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.2 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.3 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.4 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.5 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.6 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.7 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.8 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.9 = STRING: TN464
avCmListMemTrunkRangeTnCode.2.10 = STRING: TN464
avCmListMemTrunkRangeSfx.2.1 = STRING: F
avCmListMemTrunkRangeSfx.2.2 = STRING: F
```

```
avCmListMemTrunkRangeSfx.2.3 = STRING: F
avCmListMemTrunkRangeSfx.2.4 = STRING: F
avCmListMemTrunkRangeSfx.2.5 = STRING: F
avCmListMemTrunkRangeSfx.2.6 = STRING: F
avCmListMemTrunkRangeSfx.2.7 = STRING: F
avCmListMemTrunkRangeSfx.2.8 = STRING: F
avCmListMemTrunkRangeSfx.2.9 = STRING: F
avCmListMemTrunkRangeSfx.2.10 = STRING: F
avCmListMemTrunkRangeName.2.1 = STRING:
avCmListMemTrunkRangeName.2.2 = STRING:
avCmListMemTrunkRangeName.2.3 = STRING:
avCmListMemTrunkRangeName.2.4 = STRING:
avCmListMemTrunkRangeName.2.5 = STRING:
avCmListMemTrunkRangeName.2.6 = STRING:
avCmListMemTrunkRangeName.2.7 = STRING:
avCmListMemTrunkRangeName.2.8 = STRING:
avCmListMemTrunkRangeName.2.9 = STRING:
avCmListMemTrunkRangeName.2.10 = STRING:
avCmListMemTrunkRangeNight.2.1 = STRING:
avCmListMemTrunkRangeNight.2.2 = STRING:
avCmListMemTrunkRangeNight.2.3 = STRING:
avCmListMemTrunkRangeNight.2.4 = STRING:
avCmListMemTrunkRangeNight.2.5 = STRING:
avCmListMemTrunkRangeNight.2.6 = STRING:
avCmListMemTrunkRangeNight.2.7 = STRING:
avCmListMemTrunkRangeNight.2.8 = STRING:
avCmListMemTrunkRangeNight.2.9 = STRING:
avCmListMemTrunkRangeNight.2.10 = STRING:
avCmListMemTrunkRangeMode.2.1 = STRING:
avCmListMemTrunkRangeMode.2.2 = STRING:
avCmListMemTrunkRangeMode.2.3 = STRING:
avCmListMemTrunkRangeMode.2.4 = STRING:
avCmListMemTrunkRangeMode.2.5 = STRING:
avCmListMemTrunkRangeMode.2.6 = STRING:
avCmListMemTrunkRangeMode.2.7 = STRING:
avCmListMemTrunkRangeMode.2.8 = STRING:
avCmListMemTrunkRangeMode.2.9 = STRING:
avCmListMemTrunkRangeMode.2.10 = STRING:
avCmListMemTrunkRangeType.2.1 = STRING:
avCmListMemTrunkRangeType.2.2 = STRING:
avCmListMemTrunkRangeType.2.3 = STRING:
avCmListMemTrunkRangeType.2.4 = STRING:
avCmListMemTrunkRangeType.2.5 = STRING:
avCmListMemTrunkRangeType.2.6 = STRING:
avCmListMemTrunkRangeType.2.7 = STRING:
avCmListMemTrunkRangeType.2.8 = STRING:
avCmListMemTrunkRangeType.2.9 = STRING:
avCmListMemTrunkRangeType.2.10 = STRING:
avCmListMemTrunkRangeAnsDelay.2.1 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.2 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.3 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.4 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.5 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.6 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.7 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.8 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.9 = INTEGER: 0
avCmListMemTrunkRangeAnsDelay.2.10 = INTEGER: 0
avCmListMemTrunkRangeSigGrp.2.1 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.2 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.3 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.4 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.5 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.6 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.7 = INTEGER: 2
```

```
avCmListMemTrunkRangeSigGrp.2.8 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.9 = INTEGER: 2
avCmListMemTrunkRangeSigGrp.2.10 = INTEGER: 2
```

# avCmStatusTrunk

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusTrunk | enterprises.6889.2.73.8.1.26 | Table |

### Description

The avCmStatusTrunk MIB Group displays the output of the **STATUS TRUNK xxxx** command.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

The more TRUNK GROUPS and TRUNK GROUP MEMBERS, the frequently this MIB Group should be queried.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusTrunk | SAT | **list trunk** | TRUNK GROUPS |
| | SAT | **STATUS TRUNK xxxx** | TRUNK GROUP STATUS |

### Reference Document

1. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

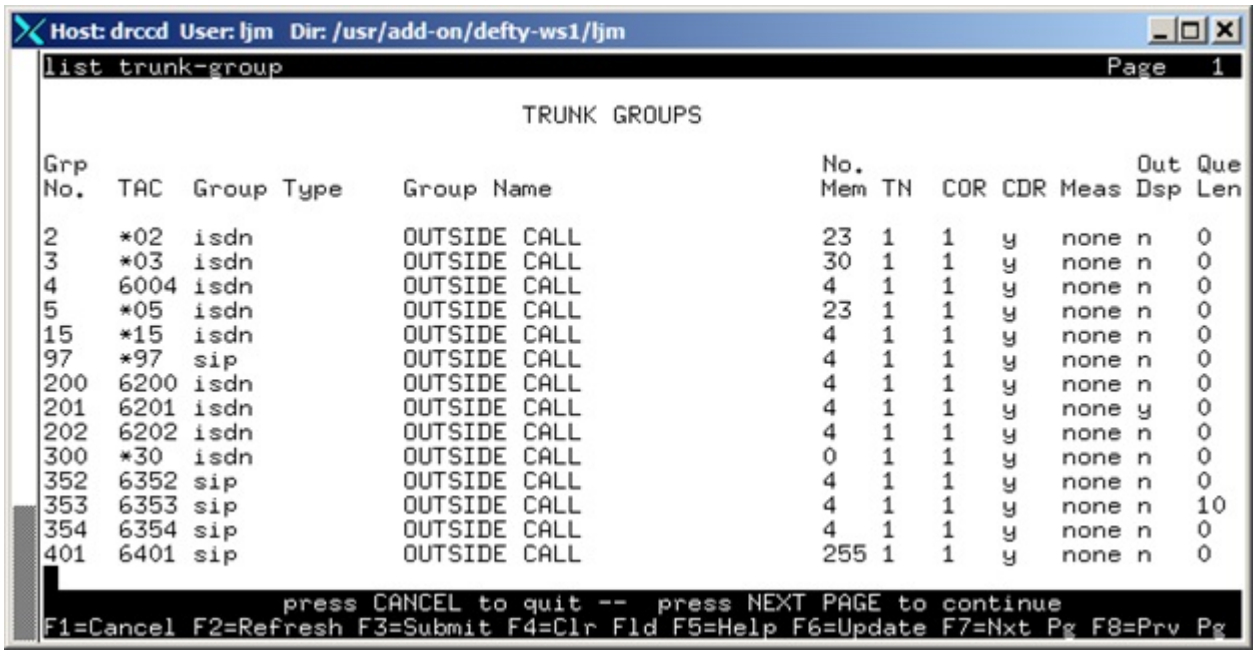
### Objects

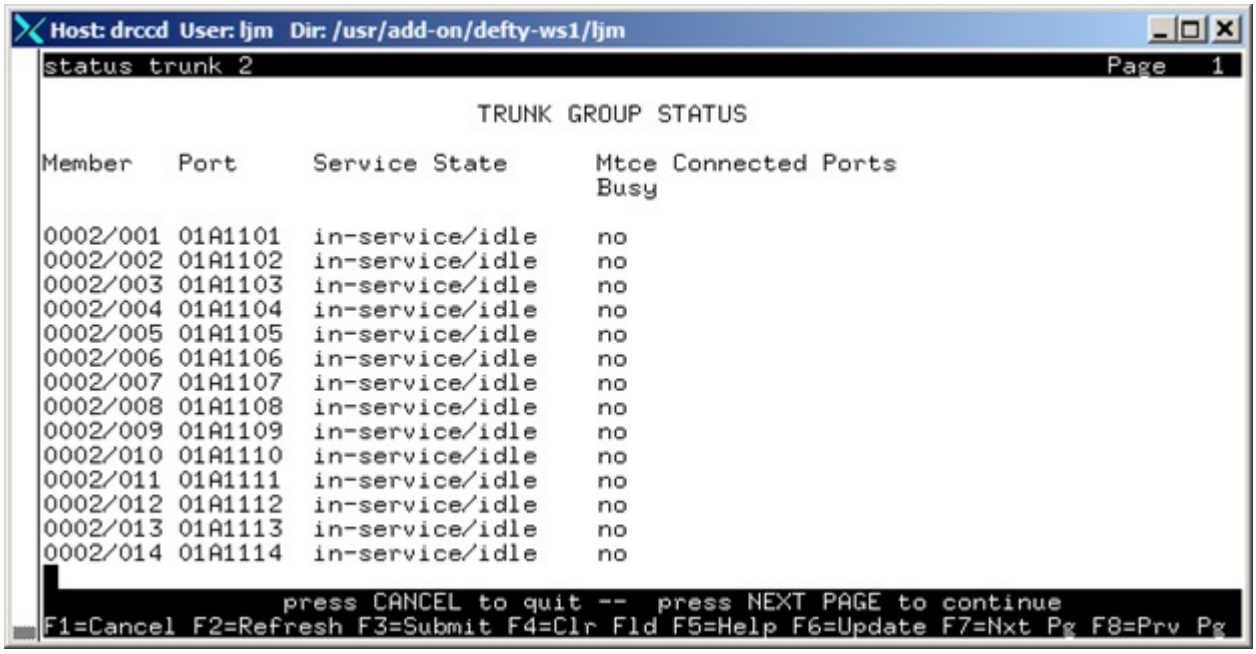
| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusTrunkGrp | .1 | R | Integer32 (0..2000) | n/a | An object that contains the trunk group. |
| avCmStatusTrunkMember | .2 | R | Integer32 (0..255) | n/a | An object that contains the trunk group number. |
| avCmStatusTrunkTable | .3 | n/a | SEQUENCE OF avCmStatusTrunkEntry | n/a | An object that contains the trunk member entry. |
| avCmStatusTrunkEntry | .4.1 | n/a | avCmStatusTrunkEntry | n/a | An avCmStatusTrunk entry containing objects of the avCmStatusTrunk information sent by the switch. |
| avCmStatusTrunkIdx | .3.1.1 | n/a | w | n/a | An object that contains a avCmListMemTrunkRange entry containing objects of the avCmListMemTrunkRange information sent by the switch. |
| avCmStatusTrunkMemberIdx | .3.1.2 | n/a | Integer32 (0..2000) | n/a | An index that contains the Member No. for the Trunk Group. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusTrunkMem<br>Member<br><br> | .3.1.3 | R | Integer32 (0..255) | List Command: Member No.<br>Display Command: Member No. | An index that contains the Member No. for the Trunk Group. |
| avCmStatusTrunkPort<br>TRUNK GROUP STATUS | .3.1.4 | R | SnmpAdminString (SIZE (0..12)) | Type | An object that contains the Trunk member port. |
| avCmListTrunkServiceType<br>TRUNK GROUP STATUS | .3.1.5 | R | SnmpAdminString (SIZE (0..19)) | Name | An object containing the member service state. |

## Sample output of forms






### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt  avCmStatusTrunk
avCmStatusTrunkMemMember.2.1 = INTEGER: 1
avCmStatusTrunkMemMember.2.2 = INTEGER: 2
avCmStatusTrunkMemMember.2.3 = INTEGER: 3
 :
 :
avCmStatusTrunkMemMember.604.2 = INTEGER: 2
avCmStatusTrunkPort.2.1 = STRING: 01A1101
avCmStatusTrunkPort.2.2 = STRING: 01A1102
 :
 :
avCmStatusTrunkPort.604.2 = STRING: 02A0502
avCmStatusTrunkServiceState.2.1 = STRING: in-service/idle
avCmStatusTrunkServiceState.2.2 = STRING: in-service/idle
:
avCmStatusTrunkServiceState.604.2 = STRING: out-of-service-NE
```

# avCmStatusTrunkRange

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusTrunkRange | enterprises.6889.2.73.8.1.27 | Scalar/Table |

### Description

TheavCmStatusTrunkRange MIB Group displays the output of the **STATUS TRUNK xxxx** command.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

The more TRUNK GROUPS and TRUNK GROUP MEMBERS, the less frequently this MIB Group should be queried.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusTrunkRange | SAT | `list trunk` | TRUNK GROUPS |
| | SAT | `STATUS TRUNK xxxx` | TRUNK GROUP STATUS |

### Reference Document

1. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

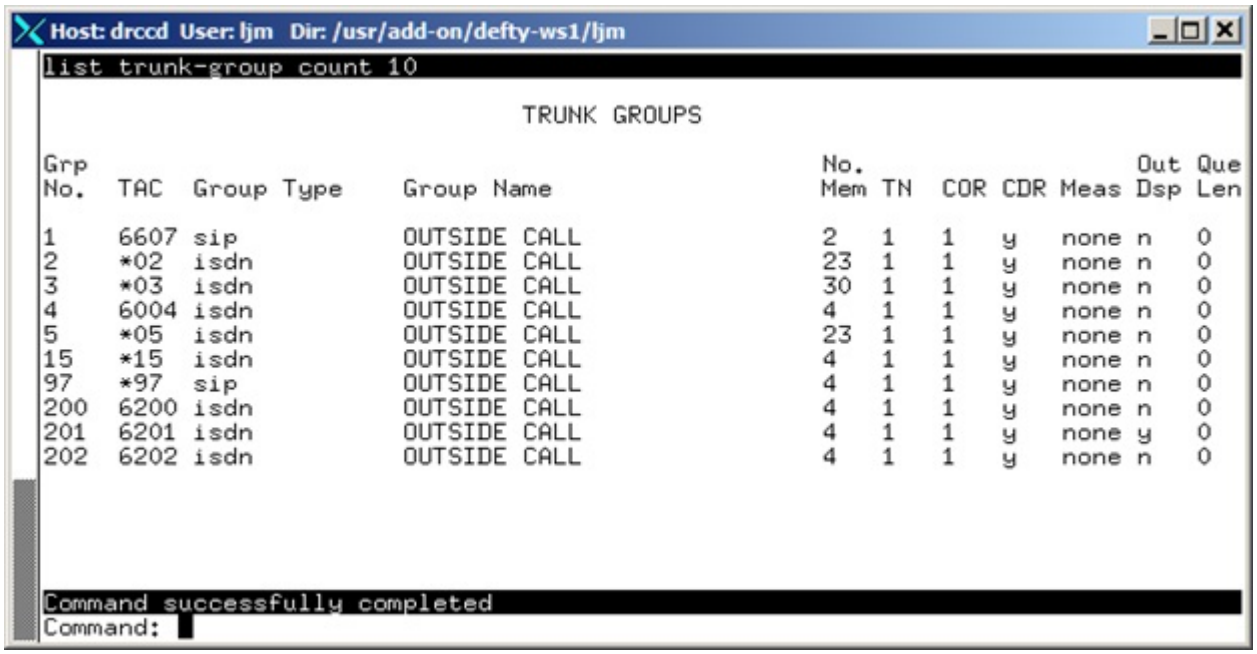
## Objects

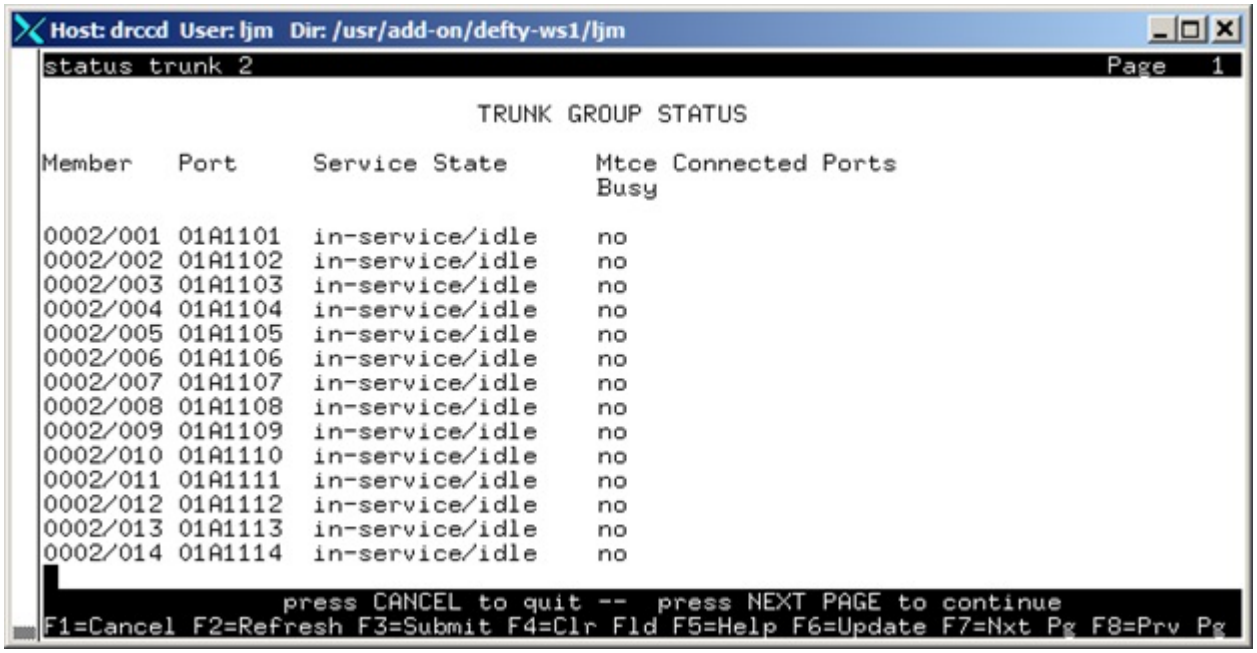
| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusTrunkRangeGrp | .1 | R/W | Integer32 (0..2000) | n/a | An object that contains the trunk group (Scalar). |
| avCmStatusTrunkRangeCount | .2 | R/W | Integer32 (0..255) | n/a | An object containing the number of trunks to perform STATUS TRUNK on (Scalar). |
| avCmStatusTrunkRangeTable | .3 | n/a | SEQUENCE OF avCmStatusTrunkEntry | n/a | An object that contains the trunk member entry. |
| avCmStatusTrunkRangeEntry | .4 | n/a | SEQUENCE OF avCmStatusTrunkEntry | n/a | A avCmStatusTrunkRange entry containing objects of the avCmStatusTrunkRange information sent by the switch. |
| avCmStatusTrunkRangeIdx | .3.1.1 | n/a | Integer32 (0..2000) | n/a | An object that contains an index into the Trunk Group. |
| avCmStatusTrunkRangeMemberIdx | .3.1.2 | n/a | Integer32 (0..255) | n/a | An index that contains the Member No. for the Trunk Group. |
| avCmStatusTrunkRangeMemMember<br>TRUNK GROUP STATUS | .3.1.3 | R | Integer32 (0..255) | n/a | An index that contains the Member No. for the Trunk Group. |
| avCmStatusTrunkRangePort<br>TRUNK GROUP STATUS | .3.1.4 | R | SnmpAdminString (SIZE (0..12)) | Port | An object containing the trunk member Port. |
| avCmStatusTrunkRangeServiceState<br>TRUNK GROUP STATUS | .3.1.5 | R | SnmpAdminString (SIZE (0..19)) | Service State | An object containing the trunk member service state. |
| avCmStatusTrunkRangeMtceBusy | .3.1.6 | R | SnmpAdminString (SIZE (0..5)) | Maintenance Busy | An object containing whether the member is maintenance busy |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TRUNK GROUP STATUS | | | | | |
| avCmStatusTrunkRangeConnPorts1<br>TRUNK GROUP STATUS | .3.1.7 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkRangeConnPorts2<br>TRUNK GROUP STATUS | .3.1.8 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkRangeConnPorts3<br>TRUNK GROUP STATUS | .3.1.9 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkRangeConnPorts4<br>TRUNK GROUP STATUS | .3.1.10 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkRangeConnPorts5<br>TRUNK GROUP STATUS | .3.1.11 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkRangeConnPorts6<br>TRUNK GROUP STATUS | .3.1.12 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkRangeConnPorts7<br>TRUNK GROUP STATUS | .3.1.13 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkRangeConnPorts8<br>TRUNK GROUP STATUS | .3.1.14 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkRangeConnPorts9<br>TRUNK GROUP STATUS | .3.1.15 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |

### Sample output of forms




### Sample Output of SNMP Walk command:

```
server1>  snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt  avCmStatusTrunkRange
avCmStatusTrunkRangeGrp.0 = INTEGER: 1
avCmStatusTrunkRangeCount.0 = INTEGER: 10
avCmStatusTrunkRangeMemMember.2.1 = INTEGER: 1
avCmStatusTrunkRangeMemMember.2.2 = INTEGER: 2
avCmStatusTrunkRangeMemMember.2.3 = INTEGER: 3
avCmStatusTrunkRangeMemMember.2.4 = INTEGER: 4
```

```
avCmStatusTrunkRangeMemMember.2.5 = INTEGER: 5
avCmStatusTrunkRangeMemMember.2.6 = INTEGER: 6
avCmStatusTrunkRangeMemMember.2.7 = INTEGER: 7
avCmStatusTrunkRangeMemMember.2.8 = INTEGER: 8
avCmStatusTrunkRangeMemMember.2.9 = INTEGER: 9
avCmStatusTrunkRangeMemMember.2.10 = INTEGER: 10
avCmStatusTrunkRangePort.2.1 = STRING: 01A1101
avCmStatusTrunkRangePort.2.2 = STRING: 01A1102
avCmStatusTrunkRangePort.2.3 = STRING: 01A1103
avCmStatusTrunkRangePort.2.4 = STRING: 01A1104
avCmStatusTrunkRangePort.2.5 = STRING: 01A1105
avCmStatusTrunkRangePort.2.6 = STRING: 01A1106
avCmStatusTrunkRangePort.2.7 = STRING: 01A1107
avCmStatusTrunkRangePort.2.8 = STRING: 01A1108
avCmStatusTrunkRangePort.2.9 = STRING: 01A1109
avCmStatusTrunkRangePort.2.10 = STRING: 01A1110
avCmStatusTrunkRangeServiceState.2.1 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.2 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.3 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.4 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.5 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.6 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.7 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.8 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.9 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.10 = STRING: in-service/idle
avCmStatusTrunkRangeMtceBusy.2.1 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.2 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.3 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.4 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.5 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.6 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.7 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.8 = STRING: no
vCmStatusTrunkRangeMtceBusy.2.9 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.10 = STRING: no
avCmStatusTrunkRangeConnPorts1.2.1 = STRING:
avCmStatusTrunkRangeConnPorts1.2.2 = STRING:
avCmStatusTrunkRangeConnPorts1.2.3 = STRING:
avCmStatusTrunkRangeConnPorts1.2.4 = STRING:
avCmStatusTrunkRangeConnPorts1.2.5 = STRING:
avCmStatusTrunkRangeConnPorts1.2.6 = STRING:
avCmStatusTrunkRangeConnPorts1.2.7 = STRING:
avCmStatusTrunkRangeConnPorts1.2.8 = STRING:
avCmStatusTrunkRangeConnPorts1.2.9 = STRING:
avCmStatusTrunkRangeConnPorts1.2.10 = STRING:
avCmStatusTrunkRangeConnPorts2.2.1 = STRING:
avCmStatusTrunkRangeConnPorts2.2.2 = STRING:
avCmStatusTrunkRangeConnPorts2.2.3 = STRING:
avCmStatusTrunkRangeConnPorts2.2.4 = STRING:
avCmStatusTrunkRangeConnPorts2.2.5 = STRING:
avCmStatusTrunkRangeConnPorts2.2.6 = STRING:
avCmStatusTrunkRangeConnPorts2.2.7 = STRING:
avCmStatusTrunkRangeConnPorts2.2.8 = STRING:
avCmStatusTrunkRangeConnPorts2.2.9 = STRING:
avCmStatusTrunkRangeConnPorts2.2.10 = STRING:
avCmStatusTrunkRangeConnPorts3.2.1 = STRING:
avCmStatusTrunkRangeConnPorts3.2.2 = STRING:
avCmStatusTrunkRangeConnPorts3.2.3 = STRING:
avCmStatusTrunkRangeConnPorts3.2.4 = STRING:
avCmStatusTrunkRangeConnPorts3.2.5 = STRING:
avCmStatusTrunkRangeConnPorts3.2.6 = STRING:
avCmStatusTrunkRangeConnPorts3.2.7 = STRING:
avCmStatusTrunkRangeConnPorts3.2.8 = STRING:
avCmStatusTrunkRangeConnPorts3.2.9 = STRING:
```

```
avCmStatusTrunkRangeConnPorts3.2.10 = STRING:
avCmStatusTrunkRangeConnPorts4.2.1 = STRING:
avCmStatusTrunkRangeConnPorts4.2.2 = STRING:
avCmStatusTrunkRangeConnPorts4.2.3 = STRING:
avCmStatusTrunkRangeConnPorts4.2.4 = STRING:
avCmStatusTrunkRangeConnPorts4.2.5 = STRING:
avCmStatusTrunkRangeConnPorts4.2.6 = STRING:
avCmStatusTrunkRangeConnPorts4.2.7 = STRING:
```

# avCmStatusTrunkMem

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusTrunkMem | enterprises.6889.2.73.8.1.28 | <Not provided in the MIB file> |

### Description

The avCmStatusTrunkMem MIB Group displays the output of the **STATUS TRUNK xxxx** command. This MIB group only polls 1 trunk group/member at a time.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

The more TRUNK GROUPS and TRUNK GROUP MEMBERS, the less frequently this MIB Group should be queried.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusTrunkMem | SAT | **STATUS TRUNK xxxx/yyy** | STATUS TRUNK |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

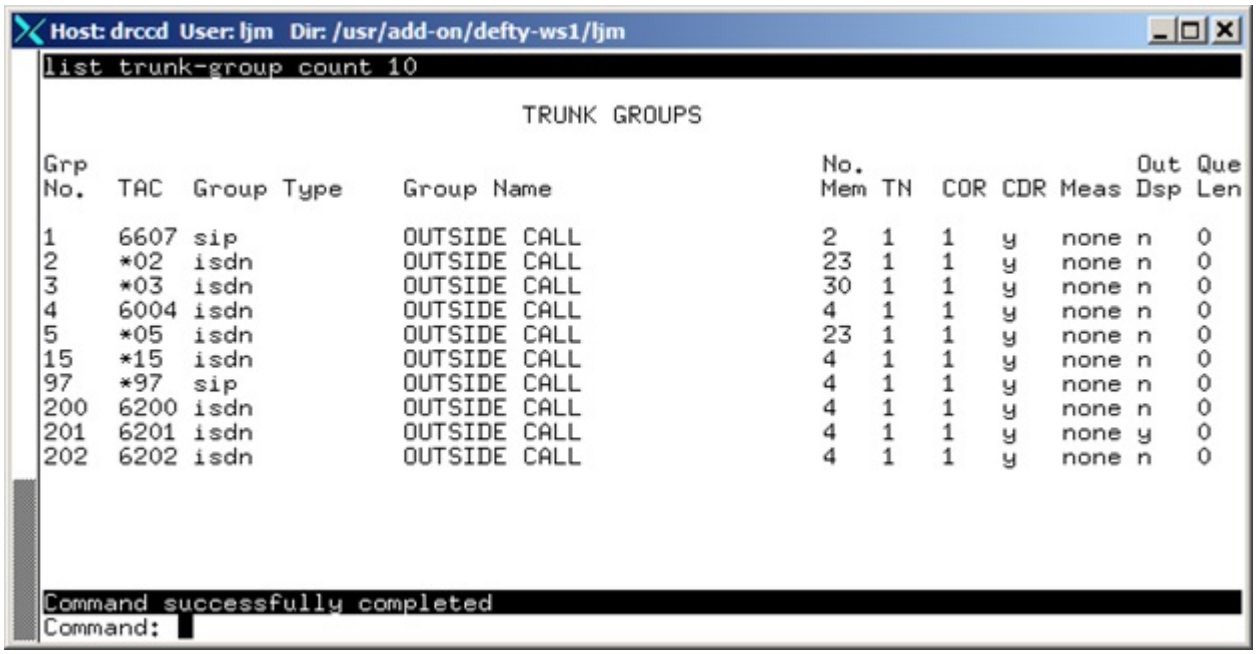
### Objects

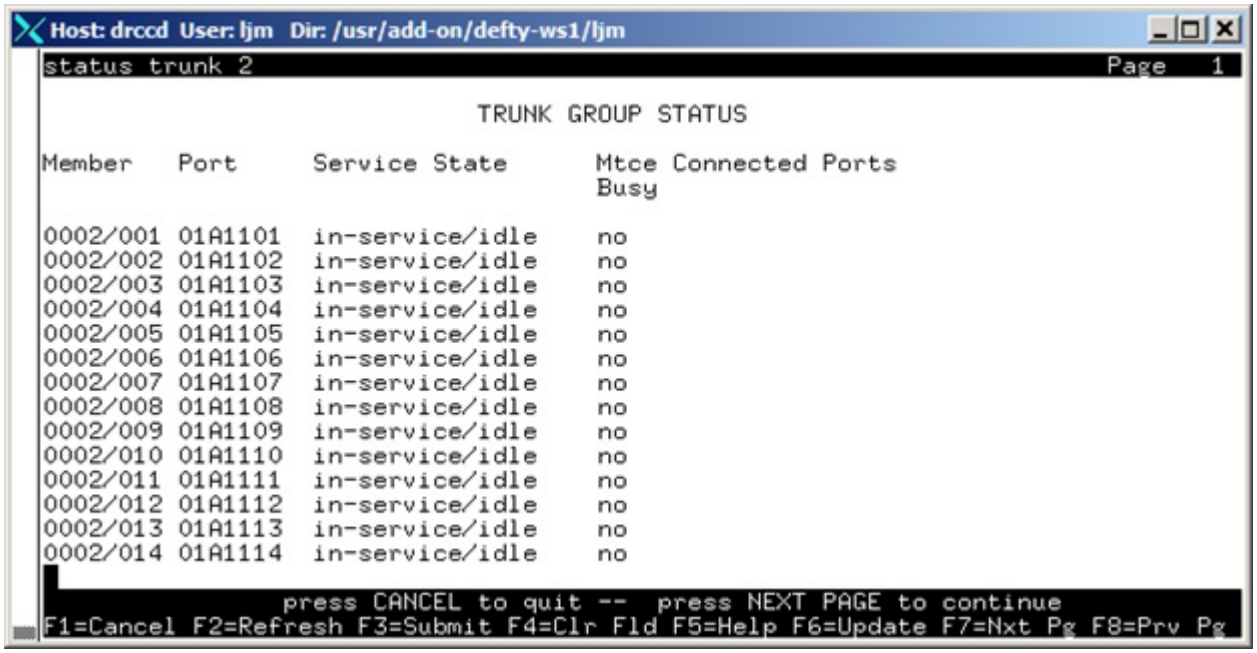
| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusTrunkMemGrp | .1 | R/W | Integer32 (0..2000) | n/a | An object that contains the trunk group. |
| avCmStatusTrunkMemMem | .2 | R/W | Integer32 (0..255) | n/a | An object containing the number of trunks to perform status trunk on. |
| avCmStatusTrunkMemTable | .3 | n/a | SEQUENCE OF avCmStatusTrunkMemEntry | n/a | An object that contains the trunk member entry. |
| avCmStatusTrunkMemEntry | .4 | n/a | avCmStatusTrunkMemEntry | n/a | A avCmStatusMem entry containing objects of the avCmStatusTrunkMem information sent by the switch. |
| avCmStatusTrunkMemIdx | .3.1.1 | n/a | Integer32 (0..2000) | n/a | An object that contains an index into the Trunk Group. |
| avCmStatusTrunkMemMemberIdx | .3.1.2 | n/a | Integer32 (0..255) | n/a | An index that contains the Member No. for the Trunk Group. |
| avCmStatusTrunkMemPort<br>STATUS TRUNK | .3.1.3 | R | SnmpAdminString (SIZE (0..12)) | Port | An object containing the trunk member Port. |
| avCmStatusTrunkMemServiceState<br>STATUS TRUNK | .3.1.4 | R | SnmpAdminString (SIZE (0..19)) | Service State | An object containing the trunk member service state. |
| avCmStatusTrunkMemMtceBusy<br>STATUS TRUNK | .3.1.5 | R | SnmpAdminString (SIZE (0..5)) | Maintenance Busy | An object containing whether the member is maintenance busy |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusTrunkMemSigGrpId<br>STATUS TRUNK | .3.1.6 | R | SnmpAdminString (SIZE (0..12)) | Signaling Group ID | An object containing the member signaling group ID. |
| avCmStatusTrunkMemConnPorts1<br>STATUS TRUNK | .3.1.7 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkMemConnPorts2<br>STATUS TRUNK | .3.1.8 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkMemConnPorts3<br>STATUS TRUNK | .3.1.9 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkMemConnPorts4<br>STATUS TRUNK | .3.1.10 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkMemConnPorts5<br>STATUS TRUNK | .3.1.11 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkMemConnPorts6<br>STATUS TRUNK | .3.1.12 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkMemConnPorts7<br>STATUS TRUNK | .3.1.13 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkMemConnPorts8<br>STATUS TRUNK | .3.1.14 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |
| avCmStatusTrunkMemConnPorts9<br>STATUS TRUNK | .3.1.15 | R | SnmpAdminString (SIZE (0..12)) | Connected Ports | An object containing ports connected to the member. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1>  snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt  avCmStatusTrunkRange
avCmStatusTrunkRangeGrp.0 = INTEGER: 1
avCmStatusTrunkRangeCount.0 = INTEGER: 10
avCmStatusTrunkRangeMemMember.2.1 = INTEGER: 1
avCmStatusTrunkRangeMemMember.2.2 = INTEGER: 2
avCmStatusTrunkRangeMemMember.2.3 = INTEGER: 3
avCmStatusTrunkRangeMemMember.2.4 = INTEGER: 4
```

```
avCmStatusTrunkRangeMemMember.2.5 = INTEGER: 5
avCmStatusTrunkRangeMemMember.2.6 = INTEGER: 6
avCmStatusTrunkRangeMemMember.2.7 = INTEGER: 7
avCmStatusTrunkRangeMemMember.2.8 = INTEGER: 8
avCmStatusTrunkRangeMemMember.2.9 = INTEGER: 9
avCmStatusTrunkRangeMemMember.2.10 = INTEGER: 10
avCmStatusTrunkRangePort.2.1 = STRING: 01A1101
avCmStatusTrunkRangePort.2.2 = STRING: 01A1102
avCmStatusTrunkRangePort.2.3 = STRING: 01A1103
avCmStatusTrunkRangePort.2.4 = STRING: 01A1104
avCmStatusTrunkRangePort.2.5 = STRING: 01A1105
avCmStatusTrunkRangePort.2.6 = STRING: 01A1106
avCmStatusTrunkRangePort.2.7 = STRING: 01A1107
avCmStatusTrunkRangePort.2.8 = STRING: 01A1108
avCmStatusTrunkRangePort.2.9 = STRING: 01A1109
avCmStatusTrunkRangePort.2.10 = STRING: 01A1110
avCmStatusTrunkRangeServiceState.2.1 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.2 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.3 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.4 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.5 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.6 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.7 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.8 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.9 = STRING: in-service/idle
avCmStatusTrunkRangeServiceState.2.10 = STRING: in-service/idle
avCmStatusTrunkRangeMtceBusy.2.1 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.2 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.3 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.4 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.5 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.6 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.7 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.8 = STRING: no
vCmStatusTrunkRangeMtceBusy.2.9 = STRING: no
avCmStatusTrunkRangeMtceBusy.2.10 = STRING: no
avCmStatusTrunkRangeConnPorts1.2.1 = STRING:
avCmStatusTrunkRangeConnPorts1.2.2 = STRING:
avCmStatusTrunkRangeConnPorts1.2.3 = STRING:
avCmStatusTrunkRangeConnPorts1.2.4 = STRING:
avCmStatusTrunkRangeConnPorts1.2.5 = STRING:
avCmStatusTrunkRangeConnPorts1.2.6 = STRING:
avCmStatusTrunkRangeConnPorts1.2.7 = STRING:
avCmStatusTrunkRangeConnPorts1.2.8 = STRING:
avCmStatusTrunkRangeConnPorts1.2.9 = STRING:
avCmStatusTrunkRangeConnPorts1.2.10 = STRING:
avCmStatusTrunkRangeConnPorts2.2.1 = STRING:
avCmStatusTrunkRangeConnPorts2.2.2 = STRING:
avCmStatusTrunkRangeConnPorts2.2.3 = STRING:
avCmStatusTrunkRangeConnPorts2.2.4 = STRING:
avCmStatusTrunkRangeConnPorts2.2.5 = STRING:
avCmStatusTrunkRangeConnPorts2.2.6 = STRING:
avCmStatusTrunkRangeConnPorts2.2.7 = STRING:
avCmStatusTrunkRangeConnPorts2.2.8 = STRING:
avCmStatusTrunkRangeConnPorts2.2.9 = STRING:
avCmStatusTrunkRangeConnPorts2.2.10 = STRING:
avCmStatusTrunkRangeConnPorts3.2.1 = STRING:
avCmStatusTrunkRangeConnPorts3.2.2 = STRING:
avCmStatusTrunkRangeConnPorts3.2.3 = STRING:
avCmStatusTrunkRangeConnPorts3.2.4 = STRING:
avCmStatusTrunkRangeConnPorts3.2.5 = STRING:
avCmStatusTrunkRangeConnPorts3.2.6 = STRING:
avCmStatusTrunkRangeConnPorts3.2.7 = STRING:
avCmStatusTrunkRangeConnPorts3.2.8 = STRING:
avCmStatusTrunkRangeConnPorts3.2.9 = STRING:
```

```
avCmStatusTrunkRangeConnPorts3.2.10 = STRING:
avCmStatusTrunkRangeConnPorts4.2.1 = STRING:
avCmStatusTrunkRangeConnPorts4.2.2 = STRING:
avCmStatusTrunkRangeConnPorts4.2.3 = STRING:
avCmStatusTrunkRangeConnPorts4.2.4 = STRING:
avCmStatusTrunkRangeConnPorts4.2.5 = STRING:
avCmStatusTrunkRangeConnPorts4.2.6 = STRING:
avCmStatusTrunkRangeConnPorts4.2.7 = STRING:
```

# avCmStatusHealth

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusHealth | enterprises.6889.2.73.8.1.29 | Scalar |

### Description

The avCmStatusHealth MIB Group uses the **`Status Health`** command to retrieve the system health information.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

No more than once every 5 minutes.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusHealth | SAT | **`Status Health`** | Status Health |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

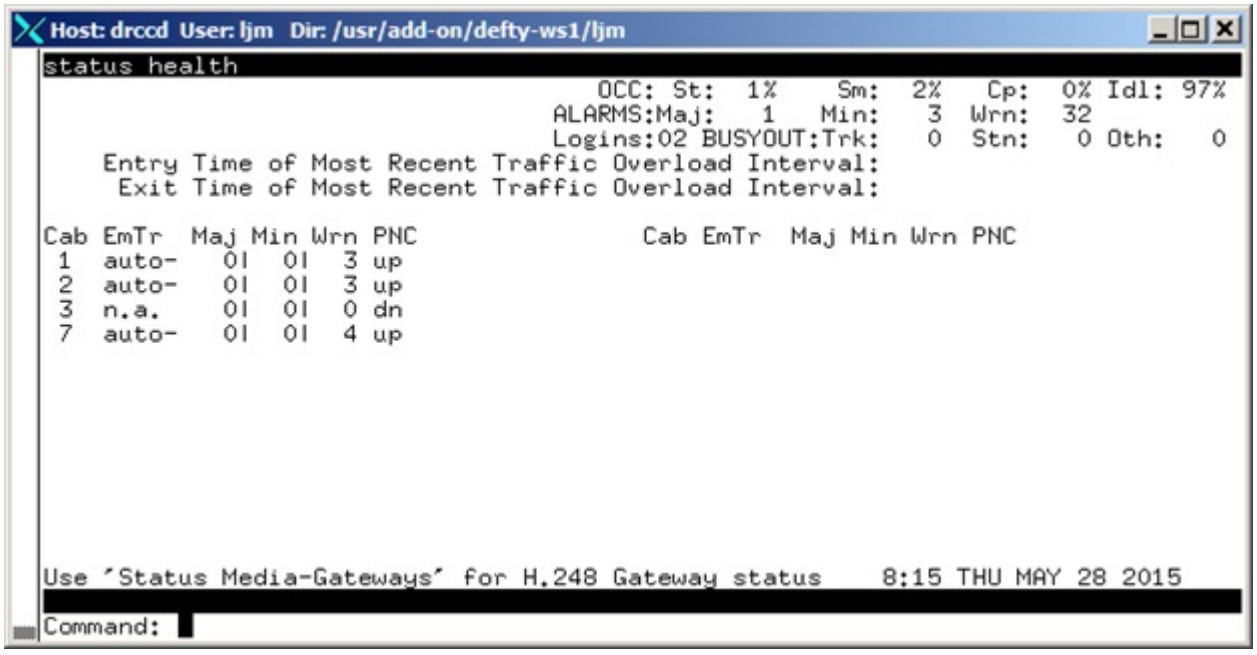
### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmStatusHealthAlmMaj | .1 | R | Integer32 (0..9999) | Alarms Major | An object that contains the number of major alarms. |
| Status Health | | | | | |
| avCmStatusHealthAlmMin | .2 | R | Integer32 (0..9999) | Alarms Minor | An object that contains the number of minor alarms. |
| Status Health | | | | | |
| avCmStatusHealthAlmwrn | .3 | R | Integer32 (0..9999) | Alarms Warning | An object that contains the number of warning alarms. |
| Status Health | | | | | |
| avCmStatusHealthBusyOutTrk | .4 | R | Integer32 (0..9999) | BUSYOUT Trunks | An object that contains the number of busied out trunks. |
| Status Health | | | | | |
| avCmStatusHealthBusyOutStn | .5 | R | Integer32 (0..9999) | BUSYOUT Stations | An object that contains the number of busied out stations. |
| Status Health | | | | | |
| avCmStatusHealthBusyOutOth | .6 | R | Integer32 (0..9999) | BUSYOUT Other | An object that contains the number of busied out other objects. |
| Status Health | | | | | |
| avCmStatusHealthOccupancySt | .7 | R | SnmpAdminString (SIZE (0..6)) | OCC St | An object that contains the static occupancy percentage. |
| Status Health | | | | | |
| avCmStatusHealthOccupancySm | .8 | R | SnmpAdminString (SIZE (0..6)) | OCC Sm | An object that contains the system management occupancy percentage |
| Status Health | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusHealthOccupancyCp<br>Status Health | .9 | R | SnmpAdminString (SIZE (0..6)) | Occ Cp | An object that contains the call processing occupancy percentage. |
| avCmStatusHealthOccupancyIdl<br>Status Health | .10 | R | SnmpAdminString (SIZE (0..6)) | OccIdl | An object that contains the idle occupancy percentage. |
| avCmStatusHealthEntryTmRecOvrLd<br>Status Health | .11 | R | SnmpAdminString (SIZE (0..20)) | Entry Time of Most Recent Traffic Overload Interval | An object that contains the Entry Time of Most Recent Traffic Overload Interval. |
| avCmStatusHealthExitTmRecOvrLd<br>Status Health | .12 | R | SnmpAdminString (SIZE (0..20)) | Entry Time of Most Recent Traffic Overload Interval | An object that contains the exit Time of Most Recent Traffic Overload Interval. |
| avCmStatusHealthLogins<br>Status Health | .13 | R | Integer32 (0..99) | Logins | An object that contains the number of active Logins. |

## Sample output of forms



### Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c private -t 20 xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmStatusHealth
AVAYA-AURA-CM-MIB::avCmStatusHealthAlmMaj.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmStatusHealthAlmMin.0 = INTEGER: 3
AVAYA-AURA-CM-MIB::avCmStatusHealthAlmWrn.0 = INTEGER: 25
AVAYA-AURA-CM-MIB::avCmStatusHealthBusyOutTrk.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmStatusHealthBusyOutStn.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmStatusHealthBusyOutOth.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmStatusHealthOccupancySt.0 = STRING: 1%
AVAYA-AURA-CM-MIB::avCmStatusHealthOccupancySm.0 = STRING: 3%
AVAYA-AURA-CM-MIB::avCmStatusHealthOccupancyCp.0 = STRING: 0%
AVAYA-AURA-CM-MIB::avCmStatusHealthOccupancyIdl.0 = STRING: 96%
AVAYA-AURA-CM-MIB::avCmStatusHealthEntryTmRecOvrLd.0 = STRING:
AVAYA-AURA-CM-MIB::avCmStatusHealthExitTmRecOvrLd.0 = STRING:
AVAYA-AURA-CM-MIB::avCmStatusHealthLogins.0 = INTEGER: 2
```

# avCmStatusStation

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusStation | enterprises.6889.2.73.8.1.30 | Table |

### Description

The avCmStatusStation MIB group displays the output of the **`status station`** command.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once a day or when stations are added.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusStation | SAT | `list station` | STATIONS |
| | SAT | `status station` | GENERAL STATUS |

### Reference Document

1. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

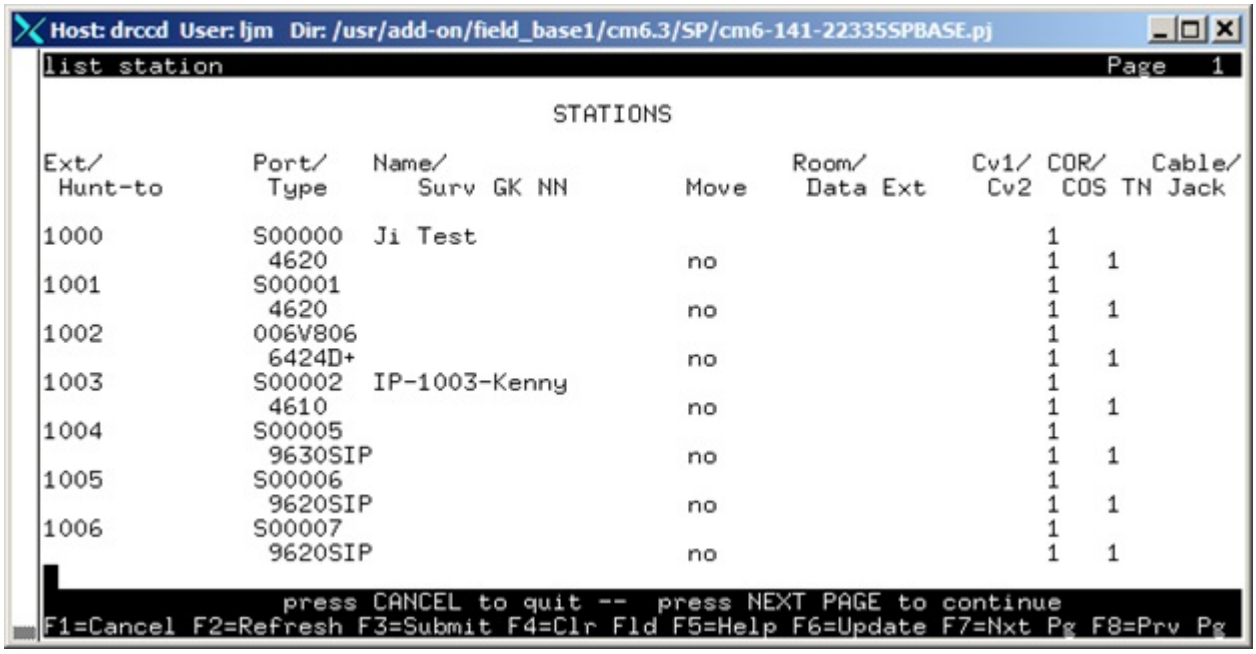
### Objects

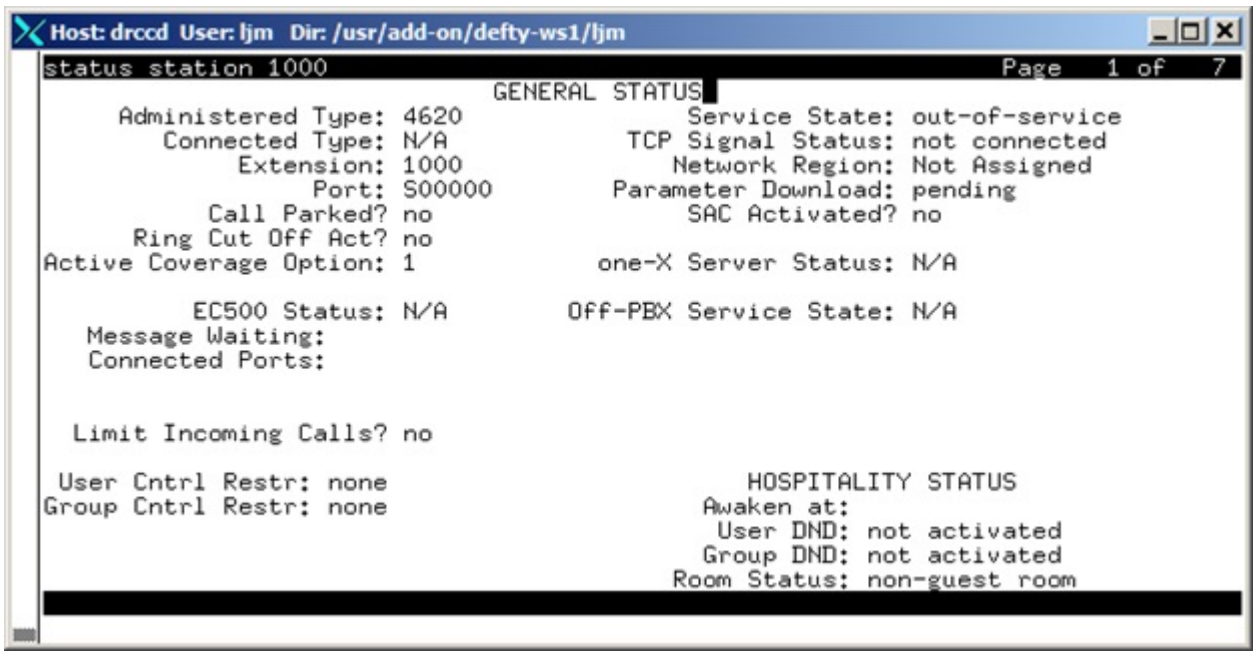
| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusStationTable<br> | .1 | n/a | SEQUENCE OF avCmStatusStation Entry | n/a | An object that contains a list of the avCmServerAlarms entries. |
| avCmStatusStationEntry<br> | .1.1 | n/a | avCmStatusStation Entry | n/a | A avCmStatusStation entry containing objects of the avCmStatusStation information sent by the switch. |
| avCmStatusStationIdx<br> | .1.1.1 | R | SnmpAdminString (SIZE (0..17)) | n/a | An object containing an index that uniquely identifies an administered station. |
| avCmStatusStationExtension<br>GENERAL STATUS | .1.1.2 | R | SnmpAdminString (SIZE (0..17)) | Ext | An object containing the stations extension. |
| avCmStatusStationConnType<br>GENERAL STATUS | .1.1.3 | R | SnmpAdminString (SIZE (0..17)) | Connected Type | An object containing the connected station type. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusStationServiceState<br>GENERAL STATUS | .1.1.4 | R | SnmpAdminString (SIZE (0..22)) | Service State | An object containing the service state of the station. |
| avCmStatusStationPort<br>GENERAL STATUS | .1.1.5 | R | SnmpAdminString (SIZE (0..6)) | Port | An object containing the stations port assignment. |

## Sample output of forms






### Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c xxx.xxx.xxx.xxx -c private -m /usr/share/snmp/mibs/AVAYA-AURA-CM-
MIB.txt avCmStatusStation
AVAYA-AURA-CM-MIB::avCmStatusStationExtension."1000" = STRING: 1000
AVAYA-AURA-CM-MIB::avCmStatusStationExtension."1001" = STRING: 1001
 :
 :
AVAYA-AURA-CM-MIB::avCmStatusStationExtension."5384100" = STRING: 538-4100
AVAYA-AURA-CM-MIB::avCmStatusStationConnType."1000" = STRING: N/A
AVAYA-AURA-CM-MIB::avCmStatusStationConnType."1001" = STRING: N/A
 :
 :
AVAYA-AURA-CM-MIB::avCmStatusStationConnType."5384100" = STRING: N/A
AVAYA-AURA-CM-MIB::avCmStatusStationServiceState."1000" = STRING: out-of-service
AVAYA-AURA-CM-MIB::avCmStatusStationServiceState."1001" = STRING: out-of-service
 :
 :
AVAYA-AURA-CM-MIB::avCmStatusStationServiceState."5384100" = STRING: disconnected
AVAYA-AURA-CM-MIB::avCmStatusStationPort."1000" = STRING: S00000
AVAYA-AURA-CM-MIB::avCmStatusStationPort."1001" = STRING: S00001
 :
 :
AVAYA-AURA-CM-MIB::avCmStatusStationPort."5384100" = STRING: 01A1302
```

# avCmStatusStationRange

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusStationRange | enterprises.6889.2.73.8.1.31 | Scalar/Table |

### Description

The avCmStatusStationRange MIB group displays the output of the **`status station`** command.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once a day or when stations are added.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusStationRange | SAT | **`list station`** | STATIONS |
| | SAT | **`status station xxx`** | GENERAL STATUS |

### Reference Document

1. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusStationRangeStartExt | .1 | R/W | SnmpAdminString (SIZE (0..17)) | n/a | An object that contains the starting extension location. |
| avCmStatusStationRangeCount | .2 | R/W | SnmpAdminString (SIZE (0..17)) | n/a | An object containing the number of stations to list. |
| avCmStatusStationRangeTable | .3 | n/a | SEQUENCE OF avCmStatusStationRangeEntry | n/a | An object that contains a list of the avCmStatusStationRange entries. |
| avCmStatusStationRangeEntry | .4 | n/a | avCmStatusStationRangeEntry | n/a | A avCmStatusStationRange entry containing objects of the avCmStatusStationRange information sent by the switch. |
| avCmStatusStationRangeIdx | .3.1.1 | n/a | SnmpAdminString (SIZE (0..17)) | n/a | An object that contains an index into the administered station. |
| avCmStatusStationRangeExtension<br>GENERAL STATUS | .3.1.2 | R | SnmpAdminString (SIZE (0..17)) | Ext | An object containing the stations extension. |
| avCmStatusStationConnType<br>GENERAL STATUS | .3.1.3 | R | SnmpAdminString (SIZE (0..15)) | Connected Type | An object containing the connected station type. |
| avCmStatusStationRangeServiceState<br>GENERAL STATUS | .3.1.4 | R | SnmpAdminString (SIZE (0..22)) | Service State | An object containing the Station member service state. |
| avCmStatusStationRangePort<br>GENERAL STATUS | .3.1.5 | R | SnmpAdminString (SIZE (0..11)) | Port | An object containing the stations port assignment. |
| avCmStatusStationRangeConnPort1<br>GENERAL STATUS | .3.1.6 | R | SnmpAdminString (SIZE (0..11)) | Connected Ports | A DisplayString Object that contains the first port connected to the station |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusStationRangeConnPort2<br>GENERAL STATUS | .3.1.7 | R | SnmpAdminString (SIZE (0..11)) | Connected Ports | A DisplayString Object that contains the second port connected to the station |
| avCmStatusStationRangeConnPort3<br>GENERAL STATUS | .3.1.8 | R | SnmpAdminString (SIZE (0..11)) | Connected Ports | A DisplayString Object that contains the third port connected to the station |
| avCmStatusStationRangeConnPort4<br>GENERAL STATUS | .3.1.9 | R | SnmpAdminString (SIZE (0..11)) | Connected Ports | A DisplayString Object that contains the fourth port connected to the station |
| avCmStatusStationRangeConnPort5<br>GENERAL STATUS | .3.1.10 | R | SnmpAdminString (SIZE (0..11)) | Connected Ports | A DisplayString Object that contains the fifth port connected to the station |
| avCmStatusStationRangeConnPort6<br>GENERAL STATUS | .3.1.11 | R | SnmpAdminString (SIZE (0..11)) | Connected Ports | A DisplayString Object that contains the sixth port connected to the station |
| avCmStatusStationRangeConnPort7<br>GENERAL STATUS | .3.1.12 | R | SnmpAdminString (SIZE (0..11)) | Connected Ports | A DisplayString Object that contains the seventh port connected to the station |
| avCmStatusStationRangeConnPort8<br>GENERAL STATUS | .3.1.13 | R | SnmpAdminString (SIZE (0..11)) | Connected Ports | A DisplayString Object that contains the seventh port connected to the station |
| avCmStatusStationRangeConnPort9<br>GENERAL STATUS | .3.1.14 | R | SnmpAdminString (SIZE (0..11)) | Connected Ports | A DisplayString Object that contains the seventh port connected to the station |
| avCmStatusStationRangeConnPort10<br>GENERAL STATUS | .3.1.15 | R | SnmpAdminString (SIZE (0..11)) | Connected Ports | A DisplayString Object that contains the seventh port |

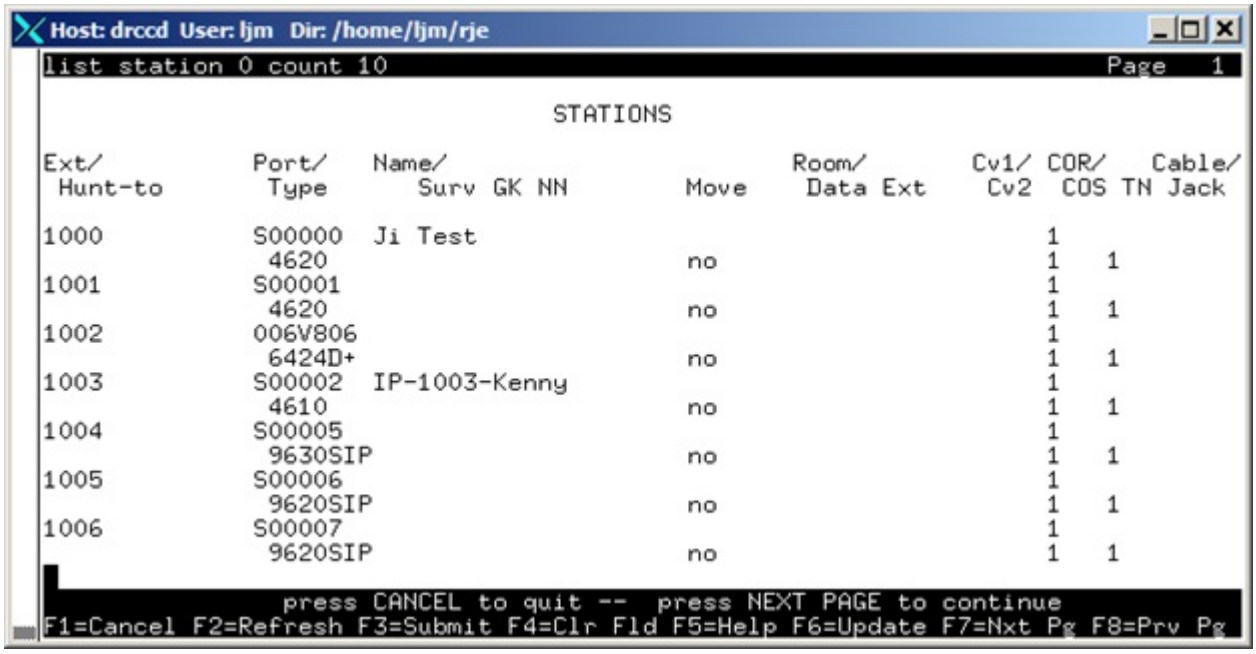
*Table continues…*

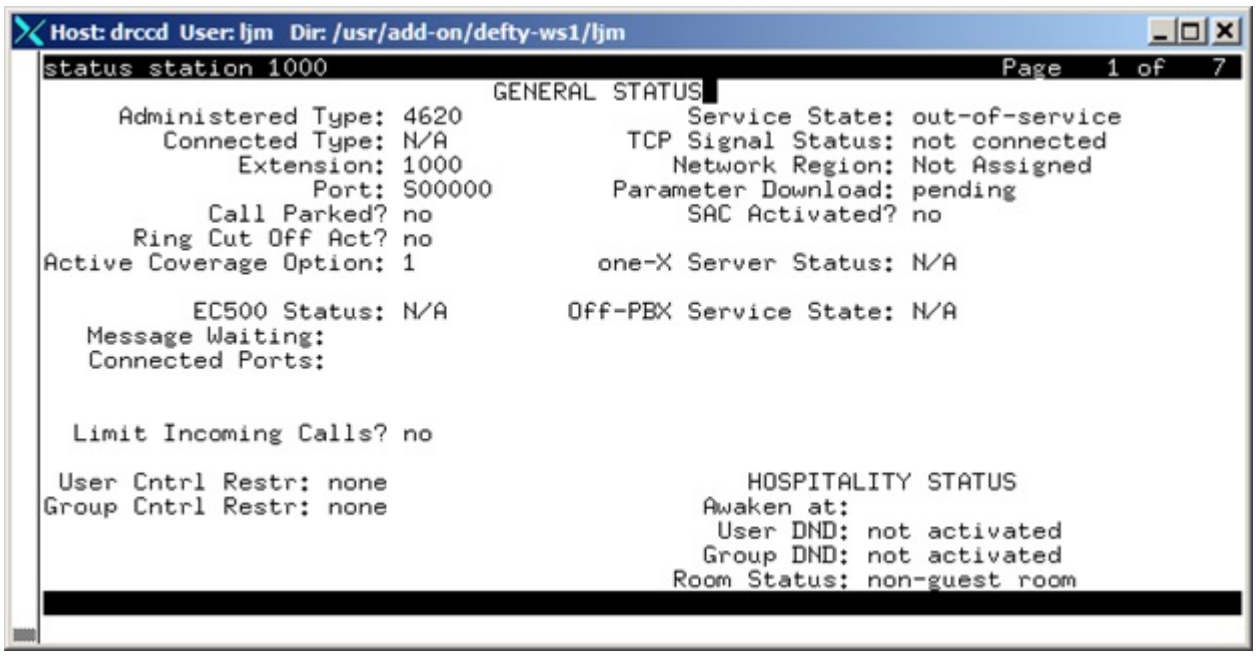
| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | connected to the station |
| avCmStatusStationRangeSACactive<br>GENERAL STATUS | .3.1.16 | R | SnmpAdminString (SIZE (0..4)) | SAC Activated | An object containing whether the stations Send All Calls (SAC) button is activated. |
| avCmStatusStationRangeCFdestExt<br>GENERAL STATUS | .3.1.17 | R | SnmpAdminString (SIZE (0..39)) | Call Forward Destination Extension | An object containing whether the stations Send All Calls (SAC) button is activated. |
| avCmStatusStationRangeRingCutOff<br>GENERAL STATUS | .3.1.18 | R | SnmpAdminString (SIZE (0..39)) | Ringer Cutoff | An object containing whether Ring Cut Off is activated for the station. |
| avCmStatusStationRangeSerialNbr<br>GENERAL STATUS | .3.1.19 | R | SnmpAdminString (SIZE (0..12)) | Serial Number | An object containing the station serial number. |
| avCmStatusStationRangePartID<br>GENERAL STATUS | .3.1.20 | R | SnmpAdminString (SIZE (0..12)) | Part ID | An object containing the station Part ID. |
| avCmStatusStationRangeSwitchPort<br>GENERAL STATUS | .3.1.21 | R | SnmpAdminString (SIZE (0..8)) | Switch Port | An object containing the station switch port. |
| avCmStatusStationRangeSwitchIPAddr<br>GENERAL STATUS | .3.1.22 | R | SnmpAdminString (SIZE (0..40)) | Switch End IP Address | A DisplayString Object that contains the switch-end IP address for the station. |
| avCmStatusStationRangeSwitchIPPort<br>GENERAL STATUS | .3.1.23 | R | SnmpAdminString (SIZE (0..6)) | Switch End IP Port | A DisplayString Object that contains the switch-end IP port number for the station. |
| avCmStatusStationRangeSetIPAddr<br>GENERAL STATUS | .3.1.24 | R | SnmpAdminString (SIZE (0..40)) | Set End IP Address | A DisplayString Object that contains the switch-end IP address for the station. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusStationRangeSetIPPort<br>GENERAL STATUS | .3.1.25 | R | SnmpAdminString (SIZE (0..39)) | Set End IP Port | A DisplayString Object that contains the switch-end IP port number for the station. |

## Sample output of forms






## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/ /
AVAYA-AURA-CM-MIB.txt  avCmStatusStationRange
avCmStatusStationRangeStartExt.0 = STRING: 0
avCmStatusStationRangeCount.0 = INTEGER: 10
avCmStatusStationRangeExtension."1000" = STRING: 1000
avCmStatusStationRangeExtension."1001" = STRING: 1001
 :
 :
avCmStatusStationRangeExtension."1009" = STRING: 1009
avCmStatusStationRangeConnType."1000" = STRING: N/A
avCmStatusStationRangeConnType."1001" = STRING: N/A
 :
 :
avCmStatusStationRangeConnType."1009" = STRING: N/A
avCmStatusStationRangeServiceState."1000" = STRING: out-of-service
avCmStatusStationRangeServiceState."1001" = STRING: out-of-service
 :
 :
avCmStatusStationRangeServiceState."1009" = STRING: out-of-service
avCmStatusStationRangePort."1000" = STRING: S00000
avCmStatusStationRangePort."1001" = STRING: S00001
 :
 :
avCmStatusStationRangePort."1009" = STRING: S00009
avCmStatusStationRangeConnPort1."1000" = STRING:
avCmStatusStationRangeConnPort1."1001" = STRING:
 :
 :
avCmStatusStationRangeConnPort1."1009" = STRING:
avCmStatusStationRangeConnPort2."1000" = STRING:
avCmStatusStationRangeConnPort2."1001" = STRING:
 :
 :
avCmStatusStationRangeConnPort2."1009" = STRING:
avCmStatusStationRangeConnPort3."1000" = STRING:
avCmStatusStationRangeConnPort3."1001" = STRING:
 :
```

```
 :
avCmStatusStationRangeConnPort3."1009" = STRING:
avCmStatusStationRangeConnPort4."1000" = STRING:
avCmStatusStationRangeConnPort4."1001" = STRING:
 :
 :
avCmStatusStationRangeConnPort4."1009" = STRING:
avCmStatusStationRangeConnPort5."1000" = STRING:
avCmStatusStationRangeConnPort5."1001" = STRING:
 :
 :
avCmStatusStationRangeConnPort5."1009" = STRING:
avCmStatusStationRangeConnPort6."1000" = STRING:
avCmStatusStationRangeConnPort6."1001" = STRING:
 :
 :
avCmStatusStationRangeConnPort6."1009" = STRING:
avCmStatusStationRangeConnPort7."1000" = STRING:
avCmStatusStationRangeConnPort7."1001" = STRING:
 :
 :
avCmStatusStationRangeConnPort7."1009" = STRING:
avCmStatusStationRangeConnPort8."1000" = STRING:
avCmStatusStationRangeConnPort8."1001" = STRING:
 :
 :
avCmStatusStationRangeConnPort8."1009" = STRING:
avCmStatusStationRangeConnPort9."1000" = STRING:
avCmStatusStationRangeConnPort9."1001" = STRING:
 :
 :
avCmStatusStationRangeConnPort9."1009" = STRING:
avCmStatusStationRangeConnPort10."1000" = STRING:
avCmStatusStationRangeConnPort10."1001" = STRING:
 :
 :
avCmStatusStationRangeConnPort10."1009" = STRING:
avCmStatusStationRangeSACactive."1000" = STRING: no
avCmStatusStationRangeSACactive."1001" = STRING: no
 :
 :
avCmStatusStationRangeSACactive."1009" = STRING: no
avCmStatusStationRangeCFdestExt."1000" = STRING:
avCmStatusStationRangeCFdestExt."1001" = STRING:
 :
 :
avCmStatusStationRangeCFdestExt."1009" = STRING:
avCmStatusStationRangeRingCutOff."1000" = STRING: no
avCmStatusStationRangeRingCutOff."1001" = STRING: no
 :
 :
avCmStatusStationRangeRingCutOff."1009" = STRING: no
avCmStatusStationRangeSerialNbr."1000" = STRING: unavailable
avCmStatusStationRangeSerialNbr."1001" = STRING: unavailable
 :
 :
avCmStatusStationRangeSerialNbr."1009" = STRING: unavailable
avCmStatusStationRangePartID."1000" = STRING: unavailable
avCmStatusStationRangePartID."1001" = STRING: unavailable
 :
 :
avCmStatusStationRangePartID."1009" = STRING: unavailable
avCmStatusStationRangeSwitchPort."1000" = STRING:
avCmStatusStationRangeSwitchPort."1001" = STRING:
 :
```

```
 :
avCmStatusStationRangeSwitchPort."1009" = STRING:
avCmStatusStationRangeSwitchIPAddr."1000" = STRING:
avCmStatusStationRangeSwitchIPAddr."1001" = STRING:
 :
 :
avCmStatusStationRangeSwitchIPAddr."1009" = STRING:
avCmStatusStationRangeSwitchIPPort."1000" = STRING: 0
avCmStatusStationRangeSwitchIPPort."1001" = STRING: 0
 :
 :
avCmStatusStationRangeSwitchIPPort."1009" = STRING: 0
avCmStatusStationRangeSetIPAddr."1000" = STRING:
avCmStatusStationRangeSetIPAddr."1001" = STRING:
 :
 :
avCmStatusStationRangeSetIPAddr."1009" = STRING:
avCmStatusStationRangeSetIPPort."1000" = STRING: 0
avCmStatusStationRangeSetIPPort."1001" = STRING: 0
 :
 :
avCmStatusStationRangeSetIPPort."1009" = STRING: 0
```

# avCmMeasOccSum

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasOccSum | enterprises.6889.2.73.8.1.32 | Table |

### Description

The avCmMeasOccSum MIB Group uses the **`list measurements occupancy summary`** command to retrieve the summary of occupancy information.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour. However, the form is completely updated once every 24 hours.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasOccSum | SAT | `list measurements occupancy summary` | OCCUPANCY SUMMARY MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura®* *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmMeasOccSumTable | .1 | n/a | SEQUENCE OF avCmMeasOccSumEntry | n/a | An object that contains a list of the avCmMeasOccSum entries |
| | | | | | |
| avCmMeasOccSumEntry | .1.1 | n/a | avCmMeasOccSumEntry | n/a | A avCmMeasOccSum entry containing objects of the avCmMeasOccSum information sent by the switch. |
| | | | | | |
| avCmMeasOccSumIdx | .1.1.1 | n/a | Integer32 (0..2300) | n/a | An object that uniquely identifies each Hour of data. |
| | | | | | |
| avCmMeasOccSumMeasHour | .1.1.2 | R | Integer32 (0..2300) | Meas Hour | An object containing the Hour the measurement was taken. |
| OCCUPANCY SUMMARY MEASUREMENTS | | | | | |
| avCmMeasOccSumRunDate | .1.1.3 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the command was executed. |
| OCCUPANCY SUMMARY MEASUREMENTS | | | | | |

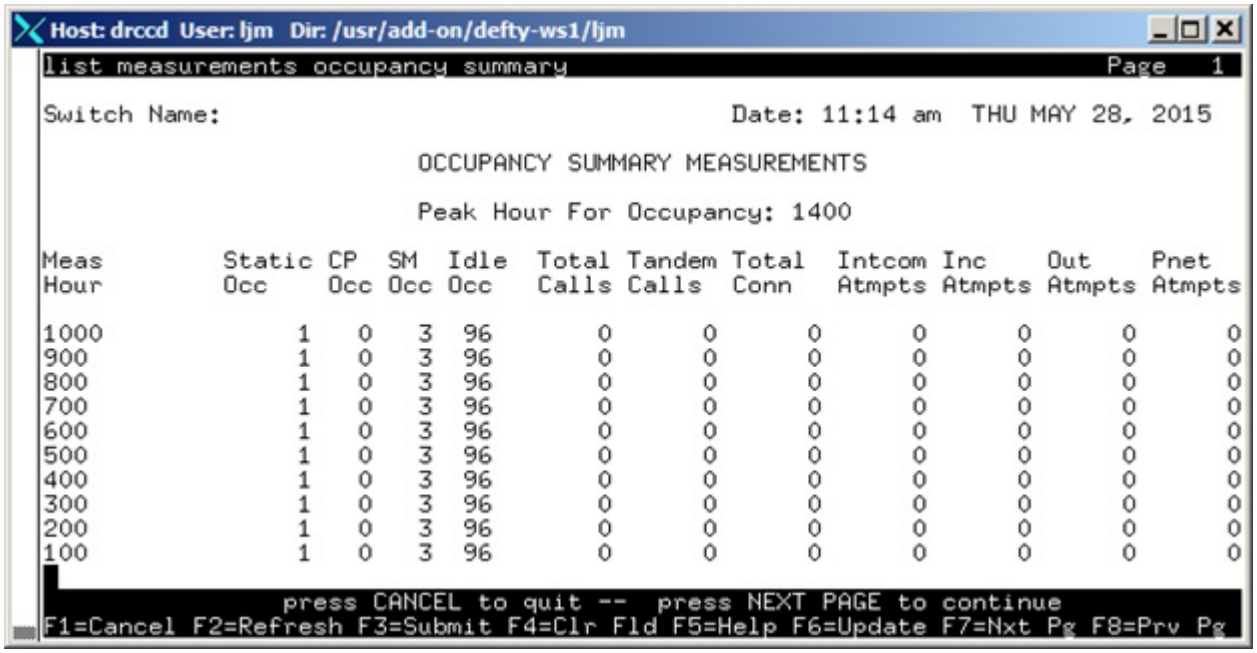
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasOccSumPeakHour<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.4 | R | Integer32 (0..2300) | Peak Hour For Occupancy | An object that contains the Peak Hour for Occupancy. |
| avCmMeasOccSumStatOcc<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.5 | R | Integer32 (0..100) | Static Occ | Object containing the processor utilized by static processes. |
| avCmMeasOccSumCPOcc<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.6 | R | Integer32 (0..100) | CP Occ | An object containing the processor occupancy utilized by Call Processing processes. |
| avCmMeasOccSumSMOcc<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.7 | R | Integer32 (0..100) | CP Occ | An object containing the processor occupancy utilized by System Processing processes. |
| avCmMeasOccSumIdleOcc<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.8 | R | Integer32 (0..100) | Idle Occ | An object containing the processor occupancy that is unused. |
| avCmMeasOccSumTotCall<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.9 | R | Integer32 (0..100) | Total Calls | An object containing the total calls connected to the measurement hour. |
| avCmMeasOccSumTandCall<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.10 | R | Integer32 (0..100) | Tandem Calls | An object containing trunk-to-trunk calls connected for the measurement hour. |
| avCmMeasOccSumTotConn<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.11 | R | Integer32 (0..100) | Total Conn | An object containing the total calls connected for the measurement hour. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasOccSumIntcomAtt<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.12 | R | Integer32 (0..100) | Intcom Atmpts | An object containing the number of extension-to-extension calls on the same switch and partially completed calls for the measurement hour. |
| avCmMeasOccSumIncAtt<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.13 | R | Integer32 (0..100) | Inc Atmpts | An object containing the number of incoming trunk seizures from public network facilities. |
| avCmMeasOccSumOutAtt<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.14 | R | Integer32 (0..100) | Out Atmpts | An object containing the number of outgoing trunk seizures from public network facilities. |
| avCmMeasOccSumPnetAtt<br>OCCUPANCY SUMMARY MEASUREMENTS | .1.1.15 | R | Integer32 (0..100) | Pnet Atmpts | An object containing the number of seizures from public network facilities. |

## Sample output of forms



### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt  avCmMeasOccSum
avCmMeasOccSumMeasHour.0 = INTEGER: 0
avCmMeasOccSumMeasHour.100 = INTEGER: 100
 :
 :
avCmMeasOccSumMeasHour.2300 = INTEGER: 2300
avCmMeasOccSumRunDate.0 = STRING: 11:29 am  THU MAY 28, 2015
avCmMeasOccSumRunDate.100 = STRING: 11:29 am  THU MAY 28, 2015
:
:
avCmMeasOccSumRunDate.2300 = STRING: 11:29 am  THU MAY 28, 2015
avCmMeasOccSumPeakHour.0 = INTEGER: 1400
avCmMeasOccSumPeakHour.100 = INTEGER: 1400
 :
 :
avCmMeasOccSumPeakHour.2300 = INTEGER: 1400
avCmMeasOccSumStatOcc.0 = INTEGER: 1
avCmMeasOccSumStatOcc.100 = INTEGER: 1
 :
 :
avCmMeasOccSumStatOcc.2300 = INTEGER: 1
avCmMeasOccSumCPOcc.0 = INTEGER: 0
avCmMeasOccSumCPOcc.100 = INTEGER: 0
 :
 :
avCmMeasOccSumCPOcc.200 = INTEGER: 0
avCmMeasOccSumCPOcc.300 = INTEGER: 0
avCmMeasOccSumCPOcc.2300 = INTEGER: 0
avCmMeasOccSumSMOcc.0 = INTEGER: 3
avCmMeasOccSumSMOcc.100 = INTEGER: 3
 :
 :
avCmMeasOccSumSMOcc.2300 = INTEGER: 3
avCmMeasOccSumIdleOcc.0 = INTEGER: 96
avCmMeasOccSumIdleOcc.100 = INTEGER: 96
 :
 :
avCmMeasOccSumIdleOcc.2300 = INTEGER: 96
avCmMeasOccSumTotCall.0 = INTEGER: 0
avCmMeasOccSumTotCall.100 = INTEGER: 0
avCmMeasOccSumTotCall.200 = INTEGER: 0
 :
 :
avCmMeasOccSumTotCall.2300 = INTEGER: 0
avCmMeasOccSumTandCall.0 = INTEGER: 0
avCmMeasOccSumTandCall.100 = INTEGER: 0
 :
 :
avCmMeasOccSumTandCall.2300 = INTEGER: 0
avCmMeasOccSumTotConn.0 = INTEGER: 0
avCmMeasOccSumTotConn.100 = INTEGER: 0
 :
 :
avCmMeasOccSumTotConn.2300 = INTEGER: 0
avCmMeasOccSumIntcomAtt.0 = INTEGER: 0
avCmMeasOccSumIntcomAtt.100 = INTEGER: 0
 :
 :
avCmMeasOccSumIntcomAtt.2300 = INTEGER: 0
avCmMeasOccSumIncAtt.0 = INTEGER: 0
avCmMeasOccSumIncAtt.100 = INTEGER: 0
 :
```

```
 :
avCmMeasOccSumIncAtt.2300 = INTEGER: 0
avCmMeasOccSumOutAtt.0 = INTEGER: 0
avCmMeasOccSumOutAtt.100 = INTEGER: 0
 :
 :
avCmMeasOccSumOutAtt.2300 = INTEGER: 0
avCmMeasOccSumPnetAtt.0 = INTEGER: 0
avCmMeasOccSumPnetAtt.100 = INTEGER: 0
 :
 :
avCmMeasOccSumPnetAtt.2300 = INTEGER: 0
```

# avCmMeasOccLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasOccLstHr | enterprises.6889.2.73.8.1.33 | Table |

### Description

The avCmMeasOccLstHr MIB Group uses the **`list measurements occupancy last-hour`** command to retrieve the occupancy data from the last hour.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once every 6 minutes. However, no more than once an hour is recommended.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasOccLstHr | SAT | **`list measurements occupancy last-hour`** | OCCUPANCY LAST-HOUR MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasLstHrTable | .1 | n/a | SEQUENCE OF avCmMeasLstHrEntry | n/a | An object that contains a list of the avCmMeasOccLstHr entries |
| | | | | | |
| avCmMeasLstHrEntry | .1.1 | n/a | avCmMeasLstHrEntry | n/a | A avCmMeasOccLstHr entry containing objects of the avCmMeasOccLstHr information sent by the switch. |
| | | | | | |
| avCmMeasLstHrIdx | .1.1.1 | n/a | Integer32 (0..2300) | n/a | An object that uniquely identifies each Hour of data. |
| | | | | | |
| avCmMeasLstHrMeasMinute | .1.1.2 | R | Integer32 (0..6) | Meas Hour | An object containing the minute the measurement was taken. |
| OCCUPANCY LAST-HOUR MEASUREMENTS | | | | | |
| avCmMeasLstHrRunDate | .1.1.3 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the command was executed. |
| OCCUPANCY LAST-HOUR MEASUREMENTS | | | | | |
| avCmMeasLstHrStatOcc | .1.1.4 | R | Integer32 (0..100) | Static Occ | An object that contains the processor utilized by static processes. |
| OCCUPANCY LAST-HOUR MEASUREMENTS | | | | | |
| avCmMeasOccLstHrCPOcc | .1.1.5 | R | Integer32 (0..100) | CP Occ | Object containing the processor utilized by call processing processes. |

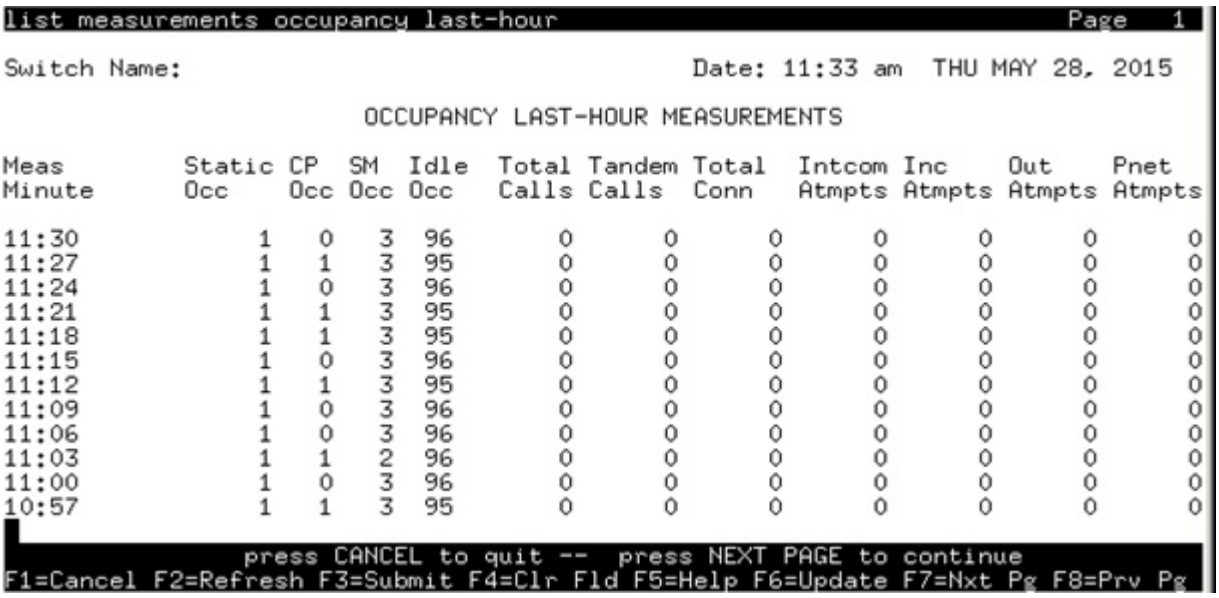
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| OCCUPANCY LAST-HOUR MEASUREMENTS | | | | | |
| avCmMeasOccLstHrSMOcc<br>OCCUPANCY LAST-HOUR MEASUREMENTS | .1.1.6 | R | Integer32 (0..100) | CP Occ | Object containing the processor utilized by system management processes. |
| avCmMeasOccLstHrIdleOcc<br>OCCUPANCY LAST-HOUR MEASUREMENTS | .1.1.7 | R | Integer32 (0..100) | Idle Occ | An object containing the processor occupancy that is unused. |
| avCmMeasLstHrTotCall<br>OCCUPANCY LAST-HOUR MEASUREMENTS | .1.1.8 | R | Integer32 (0..100) | Total Calls | An object containing the total calls connected to the measurement hour. |
| avCmMeasLstHrTandCall<br>OCCUPANCY LAST-HOUR MEASUREMENTS | .1.1.9 | R | Integer32 (0..100) | Tandem Calls | An object containing trunk-to-trunk calls connected for the measurement hour. |
| avCmMeasLstHrTotConn<br>OCCUPANCY LAST-HOUR MEASUREMENTS | .1.1.10 | R | Integer32 (0..100) | Total Conn | An object containing the total calls connected for the measurement hour. |
| avCmMeasLstHrIntcomAtt<br>OCCUPANCY LAST-HOUR MEASUREMENTS | .1.1.11 | R | Integer32 (0..100) | Intcom Atmpts | An object containing the number of extension-to-extension calls on the same switch and partially completed calls for the measurement hour. |
| avCmMeasLstHrIncAtt<br>OCCUPANCY LAST-HOUR MEASUREMENTS | .1.1.12 | R | Integer32 (0..100) | Inc Atmpts | An object containing the number of incoming trunk seizures from public network facilities. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasLstHrOutAtt<br>OCCUPANCY LAST-HOUR MEASUREMENTS | .1.1.13 | R | Integer32 (0..100) | Out Atmpts | An object containing the number of outgoing trunk seizures from public network facilities. |
| avCmMeasOccLstHrPnetAtt<br>OCCUPANCY LAST-HOUR MEASUREMENTS | .1.1.14 | R | Integer32 (0..100) | Pnet Atmpts | An object containing the number of trunk seizures from public network facilities. |

## Sample output of forms



```
list measurements occupancy last-hour                          Page   1

Switch Name:                                  Date: 11:33 am  THU MAY 28, 2015

                    OCCUPANCY LAST-HOUR MEASUREMENTS

Meas        Static CP  SM  Idle  Total Tandem Total  Intcom Inc   Out   Pnet
Minute      Occ    Occ Occ Occ   Calls Calls  Conn   Atmpts Atmpts Atmpts Atmpts

11:30          1   0   3  96       0     0      0      0      0     0      0
11:27          1   1   3  95       0     0      0      0      0     0      0
11:24          1   0   3  96       0     0      0      0      0     0      0
11:21          1   1   3  95       0     0      0      0      0     0      0
11:18          1   1   3  95       0     0      0      0      0     0      0
11:15          1   0   3  96       0     0      0      0      0     0      0
11:12          1   1   3  95       0     0      0      0      0     0      0
11:09          1   0   3  96       0     0      0      0      0     0      0
11:06          1   0   3  96       0     0      0      0      0     0      0
11:03          1   1   2  96       0     0      0      0      0     0      0
11:00          1   0   3  96       0     0      0      0      0     0      0
10:57          1   1   3  95       0     0      0      0      0     0      0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-AURA-CM-
MIB.txt  avCmMeasOccLstHr
avCmMeasOccLstHrMeasMinute.1036 = STRING: 10:36
avCmMeasOccLstHrMeasMinute.1039 = STRING: 10:39
 :
 :
avCmMeasOccLstHrMeasMinute.1133 = STRING: 11:33
avCmMeasOccLstHrRunDate.1036 = STRING: 11:34 am  THU MAY 28, 2015
avCmMeasOccLstHrRunDate.1039 = STRING: 11:34 am  THU MAY 28, 2015
 :
 :
avCmMeasOccLstHrRunDate.1133 = STRING: 11:34 am  THU MAY 28, 2015
avCmMeasOccLstHrStatOcc.1036 = INTEGER: 1
avCmMeasOccLstHrStatOcc.1039 = INTEGER: 1
 :
 :
avCmMeasOccLstHrStatOcc.1133 = INTEGER: 1
avCmMeasOccLstHrCPOcc.1036 = INTEGER: 1
```

```
avCmMeasOccLstHrCPOcc.1039 = INTEGER: 1
 :
 :
avCmMeasOccLstHrCPOcc.1133 = INTEGER: 1
avCmMeasOccLstHrSMOcc.1036 = INTEGER: 3
avCmMeasOccLstHrSMOcc.1039 = INTEGER: 3
 :
 :
avCmMeasOccLstHrSMOcc.1133 = INTEGER: 3
avCmMeasOccLstHrIdleOcc.1036 = INTEGER: 95
avCmMeasOccLstHrIdleOcc.1039 = INTEGER: 95
 :
 :
avCmMeasOccLstHrIdleOcc.1133 = INTEGER: 95
avCmMeasOccLstHrTotCall.1036 = INTEGER: 0
avCmMeasOccLstHrTotCall.1039 = INTEGER: 0
 :
 :
avCmMeasOccLstHrTotCall.1133 = INTEGER: 0
avCmMeasOccLstHrTandCall.1036 = INTEGER: 0
avCmMeasOccLstHrTandCall.1039 = INTEGER: 0
 :
 :
avCmMeasOccLstHrTandCall.1133 = INTEGER: 0
avCmMeasOccLstHrTotConn.1036 = INTEGER: 0
avCmMeasOccLstHrTotConn.1039 = INTEGER: 0
 :
 :
avCmMeasOccLstHrTotConn.1133 = INTEGER: 0
avCmMeasOccLstHrIntcomAtt.1036 = INTEGER: 0
avCmMeasOccLstHrIntcomAtt.1039 = INTEGER: 0
 :
 :
avCmMeasOccLstHrIntcomAtt.1133 = INTEGER: 0
avCmMeasOccLstHrIncAtt.1036 = INTEGER: 0
avCmMeasOccLstHrIncAtt.1039 = INTEGER: 0
 :
 :
avCmMeasOccLstHrIncAtt.1133 = INTEGER: 0
avCmMeasOccLstHrOutAtt.1036 = INTEGER: 0
avCmMeasOccLstHrOutAtt.1039 = INTEGER: 0
 :
 :
avCmMeasOccLstHrOutAtt.1133 = INTEGER: 0
avCmMeasOccLstHrPnetAtt.1036 = INTEGER: 0
avCmMeasOccLstHrPnetAtt.1039 = INTEGER: 0
 :
 :
avCmMeasOccLstHrPnetAtt.1133 = INTEGER: 0
```

# avCmMeasOccBusIntvl

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasOccBusIntvl | enterprises.6889.2.73.8.1.34 | Table |

### Description

The avCmMeasOccBusIntvl MIB Group uses the **`list occupancy busiest-intervals`** command to retrieve the occupancy data from the busiest intervals.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once a day.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasOccBusIntvl | SAT | **`list occupancy busiest-intervals`** | OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasOccBusIntvl Table<br> | .1 | n/a | SEQUENCE OF avCmMeasOccBusIntvlEntry | n/a | An object that contains a list of the avCmMeasOccBusIntvl entries |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasOccBusIntvlEntry | .1.1 | n/a | avCmMeasOccBusIntvlEntry | n/a | A avCmMeasOccBusIntvl entry containing objects of the avCmMeasOccBusIntvl information sent by the switch. |
| | | | | | |
| avCmMeasOccBusIntvlIdx | .1.1.1 | n/a | Integer32 (0..2300) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmMeasOccBusIntvlDateofOcc | .1.1.2 | R | Integer32 (0..12) | Meas Hour | An object containing the date and time of occurrence. |
| OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | | | | | |
| avCmMeasOccBusIntvlRunDate | .1.1.3 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the command was executed. |
| OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | | | | | |
| avCmMeasOccBusIntvlStatOcc | .1.1.4 | R | Integer32 (0..100) | Static Occ | An object that contains the processor utilized by static processes. |
| OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | | | | | |
| avCmMeasOccOccBusIntvlCPOcc | .1.1.5 | R | Integer32 (0..100) | CP Occ | Object containing the processor utilized by call processing processes. |
| OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | | | | | |
| avCmMeasOccOccBusIntvlSMOcc | .1.1.6 | R | Integer32 (0..100) | CP Occ | Object containing the processor utilized by system management processes. |
| OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | | | | | |

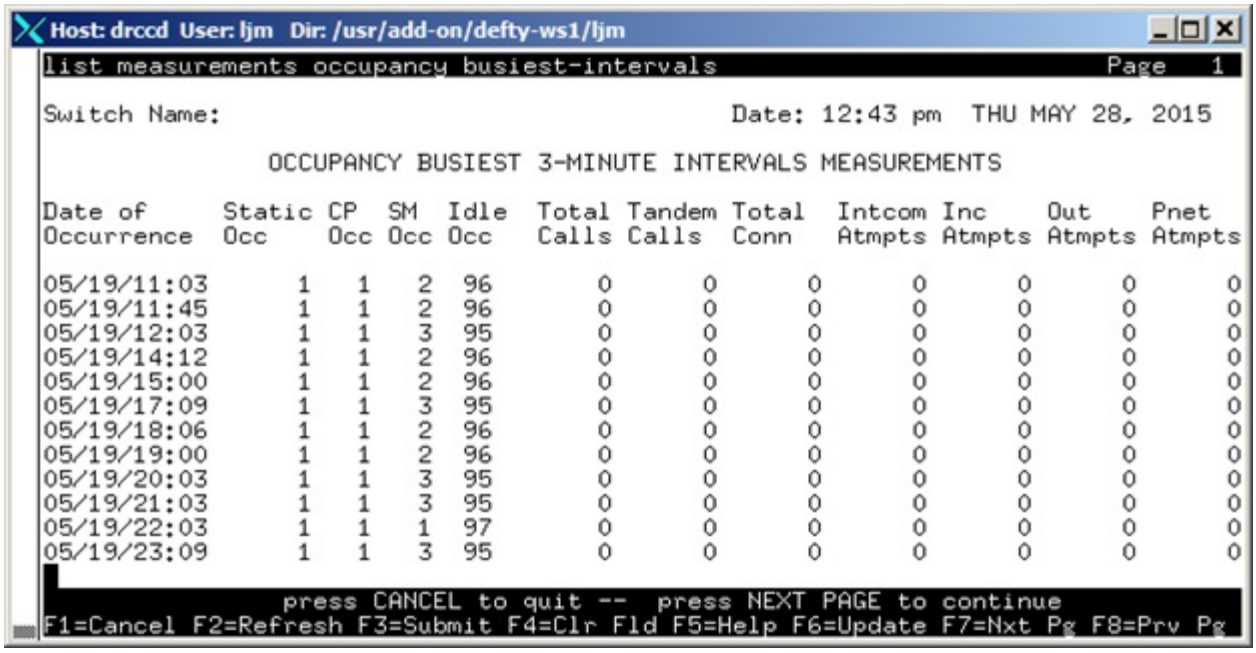
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasOccOccBusIntvlIdleOcc<br>OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | .1.1.7 | R | Integer32 (0..100) | Idle Occ | An object containing the processor occupancy that is unused. |
| avCmMeasOccBusIntvlTotCall<br>OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | .1.1.8 | R | Integer32 (0..100) | Total Calls | An object containing the total calls connected to the measurement hour. |
| avCmMeasOccBusIntvlTandCall<br>OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | .1.1.9 | R | Integer32 (0..100) | Tandem Calls | An object containing trunk-to-trunk calls connected for the measurement hour. |
| avCmMeasOccBusIntvlTotConn<br>OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | .1.1.10 | R | Integer32 (0..100) | Total Conn | An object containing the total calls connected for the measurement hour. |
| avCmMeasOccBusIntvlIntcomAtt<br>OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | .1.1.11 | R | Integer32 (0..100) | Intcom Atmpts | An object containing the number of extension-to-extension calls on the same switch and partially completed calls for the measurement hour. |
| avCmMeasOccBusIntvlIncAtt<br>OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | .1.1.12 | R | Integer32 (0..100) | Inc Atmpts | An object containing the number of incoming trunk seizures from public network facilities. |
| avCmMeasOccBusIntvlOutAtt<br>OCCUPANCY BUSIEST 3-MINUTE | .1.1.13 | R | Integer32 (0..100) | Out Atmpts | An object containing the number of outgoing trunk |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| INTERVALS MEASUREMENTS | | | | | seizures from public network facilities. |
| avCmMeasOccBusIntvl PnetAtt<br>OCCUPANCY BUSIEST 3-MINUTE INTERVALS MEASUREMENTS | . 1.1.1 4 | R | Integer32 (0..100) | Pnet Atmpts | An object containing the number of trunk seizures from public network facilities. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-
MIB.txt avCmMeasOccBusIntvl
avCmMeasOccBusIntvlDateofOcc.5191103 = STRING: 05/19/11:03
avCmMeasOccBusIntvlDateofOcc.5191145 = STRING: 05/19/11:45
 :
 :
avCmMeasOccBusIntvlDateofOcc.5200815 = STRING: 05/20/08:15
avCmMeasOccBusIntvlRunDate.5191103 = STRING: 12:44 pm  THU MAY 28, 2015
avCmMeasOccBusIntvlRunDate.5191145 = STRING: 12:44 pm  THU MAY 28, 2015
 :
 :
avCmMeasOccBusIntvlRunDate.5200815 = STRING: 12:44 pm  THU MAY 28, 2015
avCmMeasOccBusIntvlStatOcc.5191103 = INTEGER: 1
avCmMeasOccBusIntvlStatOcc.5191145 = INTEGER: 1
:
:
avCmMeasOccBusIntvlStatOcc.5200815 = INTEGER: 1
avCmMeasOccBusIntvlCPOcc.5191103 = INTEGER: 1
avCmMeasOccBusIntvlCPOcc.5191145 = INTEGER: 1
```

```
 :
 :
avCmMeasOccBusIntvlCPOcc.5200815 = INTEGER: 1
avCmMeasOccBusIntvlSMOcc.5191103 = INTEGER: 2
avCmMeasOccBusIntvlSMOcc.5191145 = INTEGER: 2
 :
 :
avCmMeasOccBusIntvlSMOcc.5200815 = INTEGER: 2
avCmMeasOccBusIntvlIdleOcc.5191103 = INTEGER: 96
avCmMeasOccBusIntvlIdleOcc.5191145 = INTEGER: 96
 :
 :
avCmMeasOccBusIntvlIdleOcc.5200815 = INTEGER: 96
avCmMeasOccBusIntvlTotCall.5191103 = INTEGER: 0
avCmMeasOccBusIntvlTotCall.5191145 = INTEGER: 0
 :
 :
avCmMeasOccBusIntvlTotCall.5200815 = INTEGER: 0
avCmMeasOccBusIntvlTandCall.5191103 = INTEGER: 0
avCmMeasOccBusIntvlTandCall.5191145 = INTEGER: 0
 :
 :
avCmMeasOccBusIntvlTandCall.5200815 = INTEGER: 0
avCmMeasOccBusIntvlTotConn.5191103 = INTEGER: 0
avCmMeasOccBusIntvlTotConn.5191145 = INTEGER: 0
 :
 :
avCmMeasOccBusIntvlTotConn.5200815 = INTEGER: 0
avCmMeasOccBusIntvlIntcomAtt.5191103 = INTEGER: 0
avCmMeasOccBusIntvlIntcomAtt.5191145 = INTEGER: 0
 :
 :
avCmMeasOccBusIntvlIntcomAtt.5200815 = INTEGER: 0
avCmMeasOccBusIntvlIncAtt.5191103 = INTEGER: 0
avCmMeasOccBusIntvlIncAtt.5191145 = INTEGER: 0
 :
 :
avCmMeasOccBusIntvlIncAtt.5200815 = INTEGER: 0
avCmMeasOccBusIntvlOutAtt.5191103 = INTEGER: 0
avCmMeasOccBusIntvlOutAtt.5191145 = INTEGER: 0
 :
 :
avCmMeasOccBusIntvlOutAtt.5200815 = INTEGER: 0
avCmMeasOccBusIntvlPnetAtt.5191103 = INTEGER: 0
avCmMeasOccBusIntvlPnetAtt.5191145 = INTEGER: 0
 :
 :
avCmMeasOccBusIntvlPnetAtt.5200815 = INTEGER: 0
```

# avCmMeasTrkGrpSumLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasTrkGrpSumLstHr | enterprises.6889.2.73.8.1.35 | Table |

## Description

The avCmMeasTrkGrpSumLstHr MIB Group uses the **`list measurements trunk-group summary last-hour`** command to retrieve trunk data from the last hour.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once a day.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasTrkGrpSumLstHr | SAT | `list measurements trunk-group summary last-hour` | TRUNK GROUP SUMMARY REPORT |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasLstHrTable | .1 | n/a | SEQUENCE OF avCmMeasLstHrEntry | n/a | An object that contains a list of the avCmMeasLstHr entries |
| avCmMeasLstHrEntry | .1.1 | n/a | avCmMeasLstHrEntry | n/a | A avCmMeasLstHr entry containing objects of the avCmMeasLstHr |

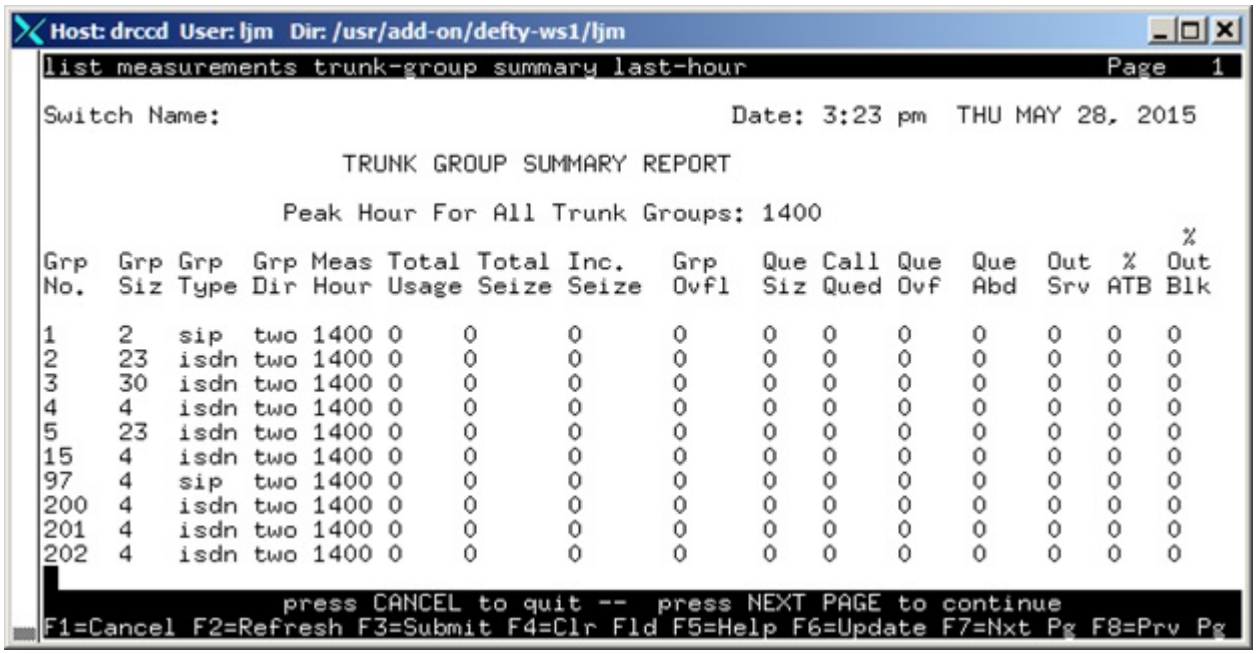
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | information sent by the switch. |
| avCmMeasLstHrTrunkGrpIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasTrkGrpSumLstHrTrunkGroup<br>TRUNK GROUP SUMMARY REPORT | .1.1.2 | R | Integer32 (0..2000) | Trunk Group | An object containing the trunk group number. |
| avCmMeasLstHrRunDate<br>TRUNK GROUP SUMMARY REPORT | .1.1.3 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the command was executed. |
| avCmMeasTrkGrpSumLstHrMeasHour<br>TRUNK GROUP SUMMARY REPORT | .1.1.4 | R | Integer32 (0..2300) | Meas Hour | An object containing the Hour the measurement was taken. |
| avCmMeasTrkGrpSumLstHrGroupSize<br>TRUNK GROUP SUMMARY REPORT | .1.1.5 | R | Integer32 (0..255) | Grp Siz | An object containing the number of administered trunks in the trunk group. |
| avCmMeasTrkGrpSumLstHrTotalUsage<br>TRUNK GROUP SUMMARY REPORT | .1.1.6 | R | Integer32 (0..9999) | Total Usage | An object containing the total time trunks are busy with calls during the measurement period (in CCS). |
| avCmMeasTrkGrpSumLstHrTotalSeize<br>TRUNK GROUP SUMMARY REPORT | .1.1.7 | R | Integer32 (0..999999) | Total Seize | An object containing the number of times a trunk was seized in the group including false starts, don't answer and busy. |
| avCmMeasTrkGrpSumLstHrIncSeize<br>TRUNK GROUP SUMMARY REPORT | .1.1.8 | R | Integer32 (0..999999) | Inc Seize | An object containing the number of incoming seizures carried on the trunk group. |
| avCmMeasTrkGrpSumLstHrGrpOvflow | .1.1.9 | R | Integer32 (0..999999) | Grp Ovfl | An object containing the number of calls offered to a trunk |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TRUNK GROUP SUMMARY REPORT | | | | | group that are not carried or queued. |
| avCmMeasTrkGrpSumLstHrQueSiz<br>TRUNK GROUP SUMMARY REPORT | .1.1.10 | R | Integer32 (0..9999) | Que Siz | An object containing a number that identifies the number of slots assigned to the trunk group queue. |
| avCmMeasTrkGrpSumLstHrCallQued<br>TRUNK GROUP SUMMARY REPORT | .1.1.11 | R | Integer32 (0..9999) | Call Qued | An object containing the total number of calls that entered the trunk group queue after finding all trunks busy. |
| avCmMeasTrkGrpSumLstHrQueOvf<br>TRUNK GROUP SUMMARY REPORT | .1.1.12 | R | Integer32 (0..9999) | Que Ovf | An object containing the total number of calls that were not queued because the queue was full. |
| avCmMeasTrkGrpSumLstHrQueAbd<br>TRUNK GROUP SUMMARY REPORT | .1.1.13 | R | Integer32 (0..9999) | Que Abd | An object containing the total number of calls that were removed from the queue. |
| avCmMeasTrkGrpSumLstHrOutSrv<br>TRUNK GROUP SUMMARY REPORT | .1.1.14 | R | Integer32 (0..999) | Out Srv | An object containing the number of trunks in the group<br>that are out of service |
| avCmMeasTrkGrpSumLstHrPercentAtb<br>TRUNK GROUP SUMMARY REPORT | .1.1.15 | R | Integer32 (0..100) | % ATB | An object containing the percentage of time all trunks the group were simultaneously in use. |
| avCmMeasTrkGrpSumLstHrPercentOutBlk<br>TRUNK GROUP SUMMARY REPORT | .1.1.16 | R | Integer32 (0..100) | % Out Blk | An object containing the percentage of offered calls that are not carried on the group. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt   avCmMeasTrkGrpSumLstHr
avCmMeasTrkGrpSumLstHrTrunkGroup.1 = INTEGER: 1
avCmMeasTrkGrpSumLstHrTrunkGroup.2 = INTEGER: 2
 :
 :
avCmMeasTrkGrpSumLstHrTrunkGroup.604 = INTEGER: 604
avCmMeasTrkGrpSumLstHrRunDate.1 = STRING: 3:26 pm  THU MAY 28, 2015
avCmMeasTrkGrpSumLstHrRunDate.2 = STRING: 3:26 pm  THU MAY 28, 2015
 :
 :
avCmMeasTrkGrpSumLstHrRunDate.604 = STRING: 3:26 pm  THU MAY 28, 2015
avCmMeasTrkGrpSumLstHrMeasHour.1 = INTEGER: 1400
avCmMeasTrkGrpSumLstHrMeasHour.2 = INTEGER: 1400
 :
 :
avCmMeasTrkGrpSumLstHrMeasHour.604 = INTEGER: 1400
avCmMeasTrkGrpSumLstHrGroupSize.1 = INTEGER: 2
avCmMeasTrkGrpSumLstHrGroupSize.2 = INTEGER: 23
 :
 :
avCmMeasTrkGrpSumLstHrGroupSize.604 = INTEGER: 2
avCmMeasTrkGrpSumLstHrTotalUsage.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrTotalUsage.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumLstHrTotalUsage.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrTotalSeize.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrTotalSeize.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumLstHrTotalSeize.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrIncSeize.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrIncSeize.2 = INTEGER: 0
 :
```

```
 :
avCmMeasTrkGrpSumLstHrIncSeize.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrGrpOvflow.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrGrpOvflow.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumLstHrGrpOvflow.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueSiz.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueSiz.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumLstHrQueSiz.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrCallQued.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrCallQued.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumLstHrCallQued.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueOvf.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueOvf.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumLstHrQueOvf.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueAbd.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrQueAbd.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumLstHrQueAbd.604 = INTEGER: 0
avCmMeasTrkGrpSumLstHrOutSrv.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrOutSrv.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumLstHrOutSrv.604 = INTEGER: 2
avCmMeasTrkGrpSumLstHrPercentAtb.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrPercentAtb.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumLstHrPercentAtb.604 = INTEGER: 100
avCmMeasTrkGrpSumLstHrPercentOutBlk.1 = INTEGER: 0
avCmMeasTrkGrpSumLstHrPercentOutBlk.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumLstHrPercentOutBlk.604 = INTEGER: 0
```

# avCmMeasTrkGrpSumToday Group

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasTrkGrpSumToday | enterprises.6889.2.73.8.1.36 | Table |

## Description

The avCmMeasTrkGrpSumToday MIB Group uses the **`list measurements trunk-group summary today-hour`** command to retrieve trunk from today.

## Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasTrkGrpSumToday | SAT | `list measurements trunk-group summary today-hour` | TRUNK GROUP SUMMARY REPORT |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasTrkGrpSumTodayTable | .1 | n/a | SEQUENCE OF avCmMeasLstHrEntry | n/a | An object that contains a list of the avCmMeasTrkGrpSumToday entries |
| avCmMeasTrkGrpSumTodayEntry | .1.1 | n/a | avCmMeasLstHrEntry | n/a | A avCmMeasTrkGrpSumToday entry containing objects of the avCmMeasTrkGrpSumToday |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | information sent by the switch. |
| avCmMeasTrkGrpSumTodayTrunkGrpIdx<br> | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasTrkGrpSumTodayTrunkGroup<br>TRUNK GROUP SUMMARY REPORT | .1.1.2 | R | Integer32 (0..2000) | Trunk Group | An object containing the trunk group number. |
| avCmMeasTrkGrpSumTodayRunDate<br>TRUNK GROUP SUMMARY REPORT | .1.1.3 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the command was executed. |
| avCmMeasTrkGrpSumTodayPeakHour<br>TRUNK GROUP SUMMARY REPORT | .1.1.4 | R | Integer32 (0..2300) | Peak Hour For All Trunk Groups | An object containing the peak traffic hour for all trunk groups. |
| avCmMeasTrkGrpSumTodayMeasHour<br>TRUNK GROUP SUMMARY REPORT | .1.1.5 | R | Integer32 (0..2300) | Meas Hour | An object containing the Hour the measurement was taken. |
| avCmMeasTrkGrpSumTodayGroupSize<br>TRUNK GROUP SUMMARY REPORT | .1.1.6 | R | Integer32 (0..255) | Grp Siz | An object containing the number of administered trunks in the trunk group. |
| avCmMeasTrkGrpSumTodayTotalUsage<br>TRUNK GROUP SUMMARY REPORT | .1.1.7 | R | Integer32 (0..9999) | Total Usage | An object containing the total time trunks are busy with calls during the measurement period (in CCS). |
| avCmMeasTrkGrpSumTodayTotalSeize<br>TRUNK GROUP SUMMARY REPORT | .1.1.8 | R | Integer32 (0..999999) | Total Seize | An object containing the number of times a trunk was seized in the group including false starts, don't answer and busy. |
| avCmMeasTrkGrpSumTodayIncSeize | .1.1.9 | R | Integer32 (0..999999) | Inc Seize | An object containing the number of incoming seizures |

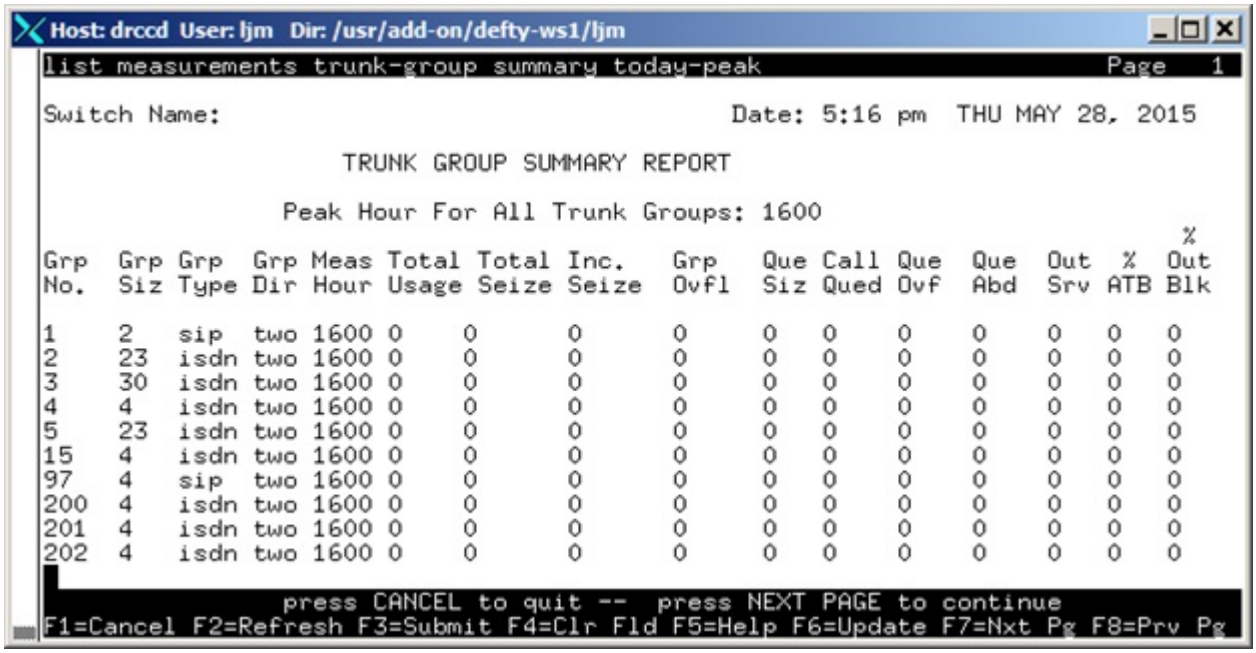
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TRUNK GROUP SUMMARY REPORT | | | | | carried on the trunk group. |
| avCmMeasTrkGrpSumTodayGrpOvflow<br>TRUNK GROUP SUMMARY REPORT | .1.1.10 | R | Integer32 (0..999999) | Grp Ovfl | An object containing the number of calls offered to a trunk group that are not carried or queued. |
| avCmMeasTrkGrpSumTodayQueSiz<br>TRUNK GROUP SUMMARY REPORT | .1.1.11 | R | Integer32 (0..9999) | Que Siz | An object containing a number that identifies the number of slots assigned to the trunk group queue. |
| avCmMeasTrkGrpSumTodayCallQued<br>TRUNK GROUP SUMMARY REPORT | .1.1.12 | R | Integer32 (0..9999) | Call Qued | An object containing the total number of calls that entered the trunk group queue after finding all trunks busy. |
| avCmMeasTrkGrpSumTodayQueOvf<br>TRUNK GROUP SUMMARY REPORT | .1.1.13 | R | Integer32 (0..9999) | Que Ovf | An object containing the total number of calls that were not queued because the queue was full. |
| avCmMeasTrkGrpSumTodayQueAbd<br>TRUNK GROUP SUMMARY REPORT | .1.1.14 | R | Integer32 (0..9999) | Que Abd | An object containing the total number of calls that were removed from the queue. |
| avCmMeasTrkGrpSumTodayOutSrv<br>TRUNK GROUP SUMMARY REPORT | .1.1.15 | R | Integer32 (0..999) | Out Srv | An object containing the number of trunks in the group<br>that are out of service |
| avCmMeasTrkGrpSumTodayPercentAtb<br>TRUNK GROUP SUMMARY REPORT | .1.1.16 | R | Integer32 (0..100) | % ATB | An object containing the percentage of time all trunks the group were simultaneously in use. |
| avCmMeasTrkGrpSumTodayPercentOutBlk | .1.1.17 | R | Integer32 (0..100) | % Out Blk | An object containing the percentage of offered calls that are |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TRUNK GROUP SUMMARY REPORT | | | | | not carried on the group. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt   avCmMeasTrkGrpSumToday
avCmMeasTrkGrpSumTodayTrunkGroup.1 = INTEGER: 1
avCmMeasTrkGrpSumTodayTrunkGroup.2 = INTEGER: 2
 :
 :
avCmMeasTrkGrpSumTodayTrunkGroup.604 = INTEGER: 604
avCmMeasTrkGrpSumTodayRunDate.1 = STRING: 5:18 pm  THU MAY 28, 2015
avCmMeasTrkGrpSumTodayRunDate.2 = STRING: 5:18 pm  THU MAY 28, 2015
 :
 :
avCmMeasTrkGrpSumTodayRunDate.604 = STRING: 5:18 pm  THU MAY 28, 2015
avCmMeasTrkGrpSumTodayPeakHour.1 = INTEGER: 1600
avCmMeasTrkGrpSumTodayPeakHour.2 = INTEGER: 1600
 :
 :
avCmMeasTrkGrpSumTodayPeakHour.604 = INTEGER: 1600
avCmMeasTrkGrpSumTodayMeasHour.1 = INTEGER: 1600
avCmMeasTrkGrpSumTodayMeasHour.2 = INTEGER: 1600
 :
 :
avCmMeasTrkGrpSumTodayMeasHour.604 = INTEGER: 1600
avCmMeasTrkGrpSumTodayGroupSize.1 = INTEGER: 2
avCmMeasTrkGrpSumTodayGroupSize.2 = INTEGER: 23
 :
 :
avCmMeasTrkGrpSumTodayGroupSize.604 = INTEGER: 2
```

```
avCmMeasTrkGrpSumTodayTotalUsage.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayTotalUsage.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayTotalUsage.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayTotalSeize.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayTotalSeize.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayTotalSeize.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayIncSeize.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayIncSeize.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayIncSeize.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayGrpOvflow.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayGrpOvflow.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayGrpOvflow.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueSiz.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueSiz.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayQueSiz.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayCallQued.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayCallQued.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayCallQued.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueOvf.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueOvf.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayQueOvf.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueAbd.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayQueAbd.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayQueAbd.604 = INTEGER: 0
avCmMeasTrkGrpSumTodayOutSrv.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayOutSrv.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayOutSrv.604 = INTEGER: 2
avCmMeasTrkGrpSumTodayPercentAtb.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayPercentAtb.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayPercentAtb.604 = INTEGER: 100
avCmMeasTrkGrpSumTodayPercentOutBlk.1 = INTEGER: 0
avCmMeasTrkGrpSumTodayPercentOutBlk.2 = INTEGER: 0
 :
 :
avCmMeasTrkGrpSumTodayPercentOutBlk.604 = INTEGER: 0
```

# avCmMeasTrkGrpSumYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasTrkGrpSumYest | enterprises.6889.2.73.8.1.37 | Table |

### Description

The avCmMeasTrkGrpSumYest MIB Group uses the **`list measurements trunk-group summary yesterday`** command to retrieve trunk from yesterday.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasTrkGrpSumYest | SAT | **`list measurements trunk-group summary yesterday`** | TRUNK GROUP SUMMARY REPORT |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasTrkGrpSumYestTable | .1 | n/a | SEQUENCE OF avCmMeasTrkGrpSumYestEntry | n/a | An object that contains a list of the avCmMeasTrkGrpSumYest entries |
| avCmMeasTrkGrpSumYestEntry | .1.1 | n/a | avCmMeasTrkGrpSumYestEntry | n/a | A avCmMeasTrkGrpSumYest entry containing objects of the avCmMeasTrkGrpSumYest information sent by the switch. |
| avCmMeasTrkGrpSumYestTrunkGrpIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasTrkGrpSumYestTrunkGroup<br>TRUNK GROUP SUMMARY REPORT | .1.1.2 | R | Integer32 (0..2000) | Trunk Group | An object containing the trunk group number. |
| avCmMeasTrkGrpSumYestRunDate<br>TRUNK GROUP SUMMARY REPORT | .1.1.3 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the command was executed. |
| avCmMeasTrkGrpSumYestPeakHour<br>TRUNK GROUP SUMMARY REPORT | .1.1.4 | R | Integer32 (0..2300) | Peak Hour For All Trunk Groups | An object containing the peak traffic hour for all trunk groups. |
| avCmMeasTrkGrpSumYestMeasHour<br>TRUNK GROUP SUMMARY REPORT | .1.1.5 | R | Integer32 (0..2300) | Meas Hour | An object containing the Hour the measurement was taken. |
| avCmMeasTrkGrpSumYestGroupSize<br>TRUNK GROUP SUMMARY REPORT | .1.1.6 | R | Integer32 (0..255) | Grp Siz | An object containing the number of administered trunks in the trunk group. |
| avCmMeasTrkGrpSumYestTotalUsage<br>TRUNK GROUP SUMMARY REPORT | .1.1.7 | R | Integer32 (0..9999) | Total Usage | An object containing the total time trunks are busy with calls during the |

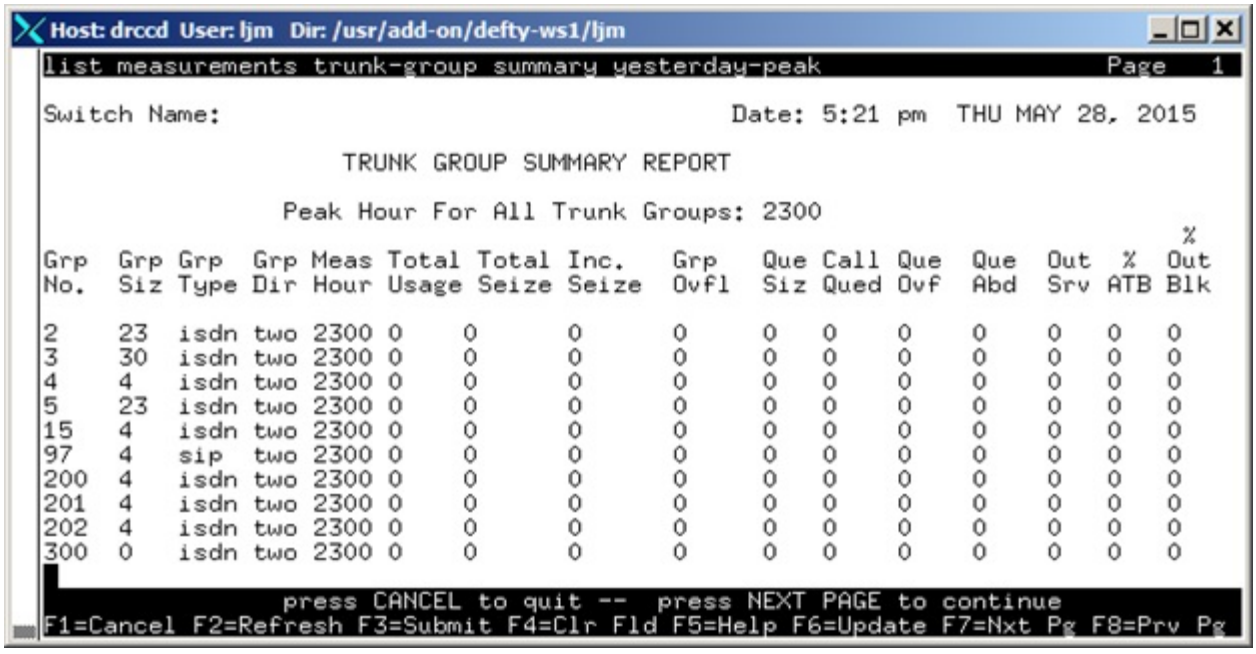
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | measurement period (in CCS). |
| avCmMeasTrkGrpSumYestTotalSeize<br>TRUNK GROUP SUMMARY REPORT | .1.1.8 | R | Integer32 (0..999999) | Total Seize | An object containing the number of times a trunk was seized in the group including false starts, don't answer and busy. |
| avCmMeasTrkGrpSumYestIncSeize<br>TRUNK GROUP SUMMARY REPORT | .1.1.9 | R | Integer32 (0..999999) | Inc Seize | An object containing the number of incoming seizures carried on the trunk group. |
| avCmMeasTrkGrpSumYestGrpOvflow<br>TRUNK GROUP SUMMARY REPORT | .1.1.10 | R | Integer32 (0..999999) | Grp Ovfl | An object containing the number of calls offered to a trunk group that are not carried or queued. |
| avCmMeasTrkGrpSumYestQueSiz<br>TRUNK GROUP SUMMARY REPORT | .1.1.11 | R | Integer32 (0..9999) | Que Siz | An object containing a number that identifies the number of slots assigned to the trunk group queue. |
| avCmMeasTrkGrpSumYestCallQued<br>TRUNK GROUP SUMMARY REPORT | .1.1.12 | R | Integer32 (0..9999) | Call Qued | An object containing the total number of calls that entered the trunk group queue after finding all trunks busy. |
| avCmMeasTrkGrpSumYestQueOvf<br>TRUNK GROUP SUMMARY REPORT | .1.1.13 | R | Integer32 (0..9999) | Que Ovf | An object containing the total number of calls that were not queued because the queue was full. |
| avCmMeasTrkGrpSumYestQueAbd<br>TRUNK GROUP SUMMARY REPORT | .1.1.14 | R | Integer32 (0..9999) | Que Abd | An object containing the total number of calls that were removed from the queue. |
| avCmMeasTrkGrpSumYestOutSrv | .1.1.15 | R | Integer32 (0..999) | Out Srv | An object containing the number of trunks in the group |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TRUNK GROUP SUMMARY REPORT | | | | | that are out of service |
| avCmMeasTrkGrpSumYestPercentAtb<br>TRUNK GROUP SUMMARY REPORT | .1.1.16 | R | Integer32 (0..100) | % ATB | An object containing the percentage of time all trunks the group were simultaneously in use. |
| avCmMeasTrkGrpSumYestPercentOutBlk<br>TRUNK GROUP SUMMARY REPORT | .1.1.17 | R | Integer32 (0..100) | % Out Blk | An object containing the percentage of offered calls that are not carried on the group. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt   avCmMeasSecViolationSum
avCmMeasSecViolationSumPortType."" = STRING:
avCmMeasSecViolationSumRunDate."" = STRING: 8:32 am  FRI MAY 29, 2015
avCmMeasSecViolationSumCountSince."" = STRING: system initialization
avCmMeasSecViolationSumValidBC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidBC."" = INTEGER: 0
avCmMeasSecViolationSumBC."" = INTEGER: 0
avCmMeasSecViolationSumValidStnSecCode."" = INTEGER: 0
avCmMeasSecViolationSumInvalidStnSecCode."" = INTEGER: 0
avCmMeasSecViolationSumValidTrkSecCode."" = INTEGER: 0
avCmMeasSecViolationSumInvalidTrkSecCode."" = INTEGER: 0
```

```
avCmMeasSecViolationSumTotValidSecCode."" = INTEGER: 0
avCmMeasSecViolationSumTotInvalidSecCode."" = INTEGER: 0
avCmMeasSecViolationSumTotSecCode."" = INTEGER: 0
avCmMeasSecViolationSumValidStnAC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidStnAC."" = INTEGER: 0
avCmMeasSecViolationSumValidTrkAC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidTrkAC."" = INTEGER: 0
avCmMeasSecViolationSumValidRemAccAC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidRemAccAC."" = INTEGER: 0
avCmMeasSecViolationSumValidAtdAC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidAtdAC."" = INTEGER: 0
avCmMeasSecViolationSumValidTotAC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidTotAC."" = INTEGER: 0
avCmMeasSecViolationSumTotAC."" = INTEGER: 0
```

# avCmMeasOutTrkLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasOutTrkLstHr | enterprises.6889.2.73.8.1.38 | Table |

### Description

The avCmMeasOutTrkLstHr MIB Group uses the **`list measurements trunk-group outage-trunk last-hour`** command to retrieve trunk outage data from the last hour.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasOutTrkLstHr | SAT | `list measurements trunk-group outage-trunk last-hour` | TRUNK OUT OF SERVICE REPORT |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

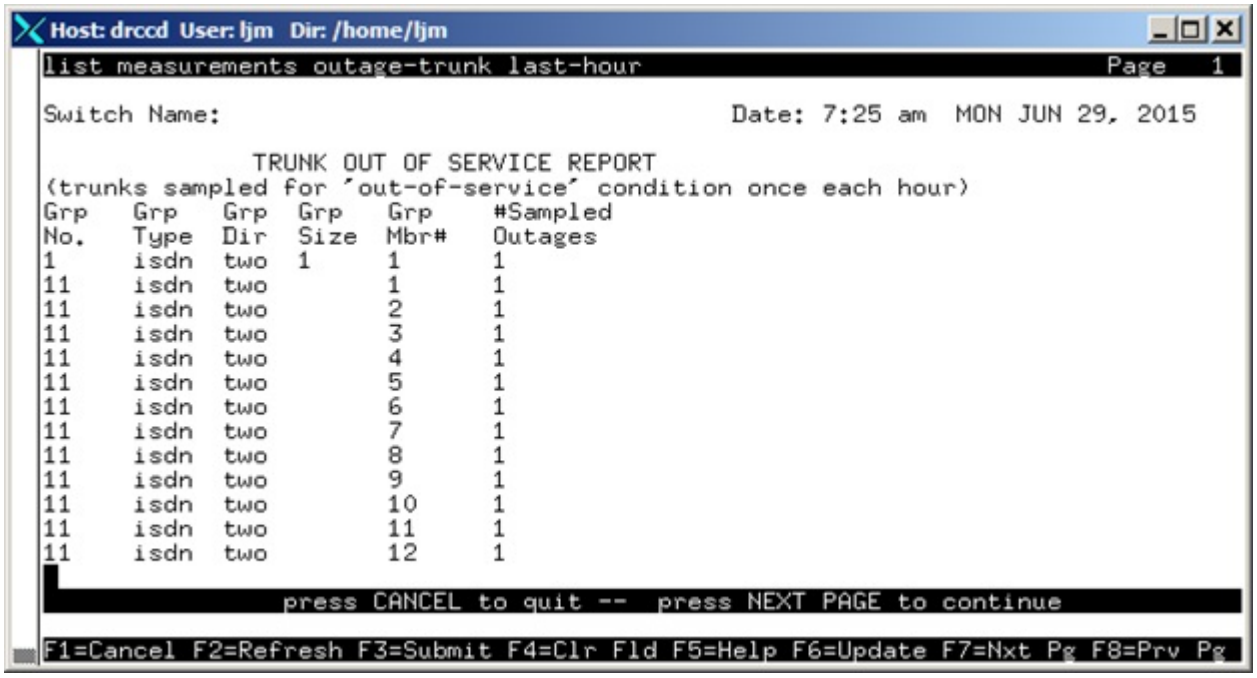
### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasOutTrkLstHr Table<br> | .1 | n/a | SEQUENCE OF avCmMeasOutTrkLstHrEntry | n/a | An object that contains a list of the avCmMeasOutTrkLstHr entries |
| avCmMeasOutTrkLstHr Entry<br> | .1.1 | n/a | avCmMeasOutTrkLstHrEntry | n/a | A avCmMeasOutTrkLstHr entry containing objects of the avCmMeasOutTrkLstHr information sent by the switch. |
| avCmMeasOutTrkLstHr TrunkGrpIdx<br> | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasOutTrkLstHr GrpMbrIdx<br>TRUNK OUT OF SERVICE REPORT | .1.1.2 | n/a | Integer32 (0..255) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasOutTrkLstHr TrunkGroup<br>TRUNK OUT OF SERVICE REPORT | .1.1.3 | R | Integer32 (0..2000) | Trunk Group | An object containing the trunk group number. |
| avCmMeasOutTrkLstHr RunDate | .1.1.4 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TRUNK OUT OF SERVICE REPORT | | | | | command was executed. |
| avCmMeasOutTrkLstHrGrpSize<br>TRUNK OUT OF SERVICE REPORT | .1.1.5 | R | Integer32 (0..999) | Grp Size | An object containing the number of members. |
| avCmMeasOutTrkLstHrGrpMbr<br>TRUNK OUT OF SERVICE REPORT | .1.1.6 | R | Integer32 (0..2300) | Grp Mbr# | An object containing the member that was out of service. |
| avCmMeasOutTrkLstHrOutages<br>TRUNK OUT OF SERVICE REPORT | .1.1.7 | R | Integer32 (0..999) | #Sampled Outages | An object containing the number of sampled outages for the trunk group member |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA
-CM-MIB.txt  avCmMeasOutTrkLstHr
avCmMeasOutTrkLstHrTrunkGroup.1.1 = INTEGER: 1
avCmMeasOutTrkLstHrTrunkGroup.11.1 = INTEGER: 11
 :
 :
```

```
avCmMeasOutTrkLstHrTrunkGroup.11.255 = INTEGER: 11
avCmMeasOutTrkLstHrRunDate.1.1 = STRING: 7:22 am  MON JUN 29, 2015
avCmMeasOutTrkLstHrRunDate.11.1 = STRING: 7:22 am  MON JUN 29, 2015
 :
 :
avCmMeasOutTrkLstHrRunDate.11.255 = STRING: 7:22 am  MON JUN 29, 2015
avCmMeasOutTrkLstHrGrpSize.1.1 = INTEGER: 1
avCmMeasOutTrkLstHrGrpSize.11.1 = INTEGER: 0
 :
 :
avCmMeasOutTrkLstHrGrpSize.11.255 = INTEGER: 0
avCmMeasOutTrkLstHrGrpMbr.1.1 = INTEGER: 1
avCmMeasOutTrkLstHrGrpMbr.11.1 = INTEGER: 1
 :
 :
avCmMeasOutTrkLstHrGrpMbr.11.255 = INTEGER: 255
avCmMeasOutTrkLstHrOutages.1.1 = INTEGER: 1
avCmMeasOutTrkLstHrOutages.11.1 = INTEGER: 1
 :
 :
avCmMeasOutTrkLstHrOutages.11.255 = INTEGER: 1
```

# avCmMeasOutTrkToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasOutTrkToday Group | enterprises.6889.2.73.8.1.39 | Table |

### Description

The avCmMeasOutTrkToday MIB Group uses the **`list measurements outage-trunk today`** command to retrieve trunk outage data from the today.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasOutTrkToday | SAT | `list measurements outage-trunk today` | TRUNK OUT OF SERVICE REPORT |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

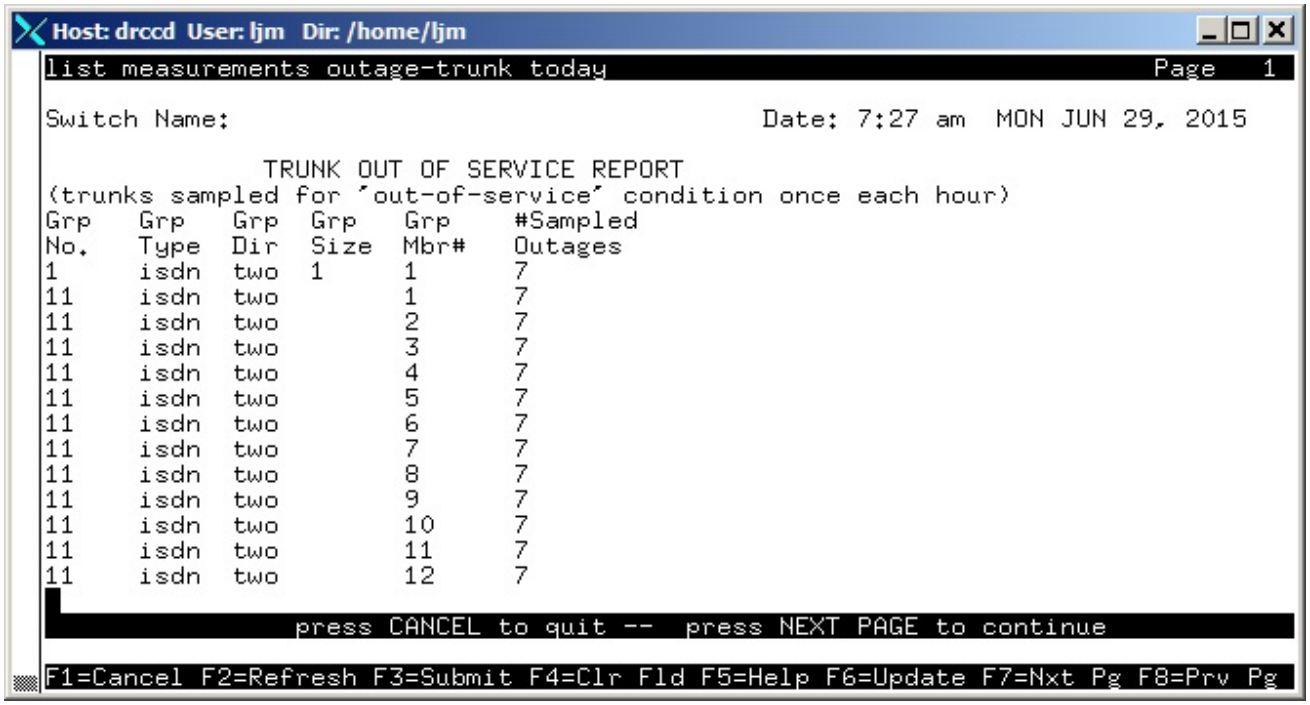
### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmMeasOutTrkTodayTable | .1 | n/a | SEQUENCE OF avCmMeasOutTrkTodayEntry | n/a | An object that contains a list of the avCmMeasOutTrkToday entries |
| | | | | | |
| avCmMeasOutTrkTodayEntry | .1.1 | n/a | avCmMeasOutTrkTodayEntry | n/a | A avCmMeasOutTrkToday entry containing objects of the avCmMeasOutTrkToday information sent by the switch. |
| | | | | | |
| avCmMeasOutTrkTodayTrunkGrpIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmMeasOutTrkTodayGrpMbrIdx | .1.1.2 | n/a | Integer32 (0..255) | n/a | An object that uniquely identifies each increment of data. |
| TRUNK OUT OF SERVICE REPORT | | | | | |
| avCmMeasOutTrkTodayTrunkGroup | .1.1.3 | R | Integer32 (0..2000) | Trunk Group | An object containing the trunk group number. |
| TRUNK OUT OF SERVICE REPORT | | | | | |
| avCmMeasOutTrkTodayRunDate | .1.1.4 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TRUNK OUT OF SERVICE REPORT | | | | | command was executed. |
| avCmMeasOutTrkTodayGrpSize<br>TRUNK OUT OF SERVICE REPORT | .1.1.5 | R | Integer32 (0..999) | Grp Size | An object containing the number of members. |
| avCmMeasOutTrkTodayGrpMbr<br>TRUNK OUT OF SERVICE REPORT | .1.1.6 | R | Integer32 (0..2300) | Grp Mbr# | An object containing the member that was out of service. |
| avCmMeasOutTrkTodayOutages<br>TRUNK OUT OF SERVICE REPORT | .1.1.7 | R | Integer32 (0..999) | #Sampled Outages | An object containing the number of sampled outages for the trunk group member. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AV
AYA-AURA-CM-MIB.txt  avCmMeasOutTrkToday
avCmMeasOutTrkTodayTrunkGroup.1.1 = INTEGER: 1
avCmMeasOutTrkTodayTrunkGroup.11.1 = INTEGER: 11
 :
 :
```

```
avCmMeasOutTrkTodayTrunkGroup.11.255 = INTEGER: 11
avCmMeasOutTrkTodayRunDate.1.1 = STRING: 7:22 am  MON JUN 29, 2015
avCmMeasOutTrkTodayRunDate.11.1 = STRING: 7:22 am  MON JUN 29, 2015
 :
 :
avCmMeasOutTrkTodayRunDate.11.255 = STRING: 7:22 am  MON JUN 29, 2015
avCmMeasOutTrkTodayGrpSize.1.1 = INTEGER: 1
avCmMeasOutTrkTodayGrpSize.11.1 = INTEGER: 0
 :
 :
avCmMeasOutTrkTodayGrpSize.11.255 = INTEGER: 0
avCmMeasOutTrkTodayGrpMbr.1.1 = INTEGER: 1
avCmMeasOutTrkTodayGrpMbr.11.1 = INTEGER: 1
 :
 :
avCmMeasOutTrkTodayGrpMbr.11.255 = INTEGER: 255
avCmMeasOutTrkTodayOutages.1.1 = INTEGER: 7
avCmMeasOutTrkTodayOutages.11.1 = INTEGER: 7
 :
 :
avCmMeasOutTrkTodayOutages.11.255 = INTEGER: 7
```

# avCmMeasOutTrkYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasOutTrkYest Group | enterprises.6889.2.73.8.1.40 | Table |

### Description

The avCmMeasOutTrkYest MIB Group uses the **`list measurements outage-trunk yesterday`** command to retrieve trunk outage from yesterday.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasOutTrkYest | SAT | `list measurements outage-trunk yesterday` | TRUNK OUT OF SERVICE REPORT |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmMeasOutTrkYest Table | .1 | n/a | SEQUENCE OF avCmMeasOutTrkYestEntry | n/a | An object that contains a list of the avCmMeasOutTrkYest entries |
| | | | | | |
| avCmMeasOutTrkYest Entry | .1.1 | n/a | avCmMeasOutTrkYestEntry | n/a | A avCmMeasOutTrkYest entry containing objects of the avCmMeasOutTrkYest information sent by the switch. |
| | | | | | |
| avCmMeasOutTrkYest TrunkGrpIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmMeasOutTrkYest GrpMbrIdx | .1.1.2 | n/a | Integer32 (0..255) | n/a | An object that uniquely identifies each increment of data. |
| TRUNK OUT OF SERVICE REPORT | | | | | |
| avCmMeasOutTrkYest TrunkGroup | .1.1.3 | R | Integer32 (0..2000) | Trunk Group | An object containing the trunk group number. |
| TRUNK OUT OF SERVICE REPORT | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasOutTrkYest RunDate<br>TRUNK OUT OF SERVICE REPORT | .1.1.4 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the command was executed. |
| avCmMeasOutTrkYest GrpSize<br>TRUNK OUT OF SERVICE REPORT | .1.1.5 | R | Integer32 (0..999) | Grp Size | An object containing the number of members. |
| avCmMeasOutTrkYest GrpMbr<br>TRUNK OUT OF SERVICE REPORT | .1.1.6 | R | Integer32 (0..2300) | Grp Mbr# | An object containing the member that was out of service. |
| avCmMeasOutTrkYest Outages<br>TRUNK OUT OF SERVICE REPORT | .1.1.7 | R | Integer32 (0..999) | #Sampled Outages | An object containing the number of sampled outages for the trunk group member. |

## Sample output of forms

```
list measurements outage-trunk yesterday                          Page   1

Switch Name:                                    Date: 7:28 am  MON JUN 29, 2015

                TRUNK OUT OF SERVICE REPORT
(trunks sampled for 'out-of-service' condition once each hour)
Grp    Grp    Grp  Grp    Grp     #Sampled
No.    Type   Dir  Size   Mbr#    Outages
1      isdn   two  1      1       24
11     isdn   two         1       24
11     isdn   two         2       24
11     isdn   two         3       24
11     isdn   two         4       24
11     isdn   two         5       24
11     isdn   two         6       24
11     isdn   two         7       24
11     isdn   two         8       24
11     isdn   two         9       24
11     isdn   two         10      24
11     isdn   two         11      24
11     isdn   two         12      24

                press CANCEL to quit --  press NEXT PAGE to continue

F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/A
VAYA-AURA-CM-MIB.txt  avCmMeasOutTrkYest
avCmMeasOutTrkYestTrunkGroup.1.1 = INTEGER: 1
avCmMeasOutTrkYestTrunkGroup.11.1 = INTEGER: 11
 :
```

```
 :
avCmMeasOutTrkYestTrunkGroup.11.255 = INTEGER: 11
avCmMeasOutTrkYestRunDate.1.1 = STRING: 7:30 am  MON JUN 29, 2015
avCmMeasOutTrkYestRunDate.11.1 = STRING: 7:30 am  MON JUN 29, 2015
 :
 :
avCmMeasOutTrkYestRunDate.11.255 = STRING: 7:30 am  MON JUN 29, 2015
avCmMeasOutTrkYestGrpSize.1.1 = INTEGER: 1
avCmMeasOutTrkYestGrpSize.11.1 = INTEGER: 0
 :
 :
avCmMeasOutTrkYestGrpSize.11.255 = INTEGER: 0
avCmMeasOutTrkYestGrpMbr.1.1 = INTEGER: 1
avCmMeasOutTrkYestGrpMbr.11.1 = INTEGER: 1
 :
 :
avCmMeasOutTrkYestGrpMbr.11.255 = INTEGER: 255
avCmMeasOutTrkYestOutages.1.1 = INTEGER: 24
avCmMeasOutTrkYestOutages.11.1 = INTEGER: 24
 :
 :
avCmMeasOutTrkYestOutages.11.255 = INTEGER: 24
```

# avCmMeasLightUseTrkLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasLightUseTrkLstHr Group | enterprises.6889.2.73.8.1.41 | Table |

### Description

The avCmMeasLightUseTrkLstHr MIB Group uses the **`list measurements lightly-used-trunk last-hour`** command to retrieve lightly used trunk data from the last hour.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasLightUseTrkLstHr | SAT | `list measurements lightly-used-trunk last-hour` | TRUNK LIGHTLY USED REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

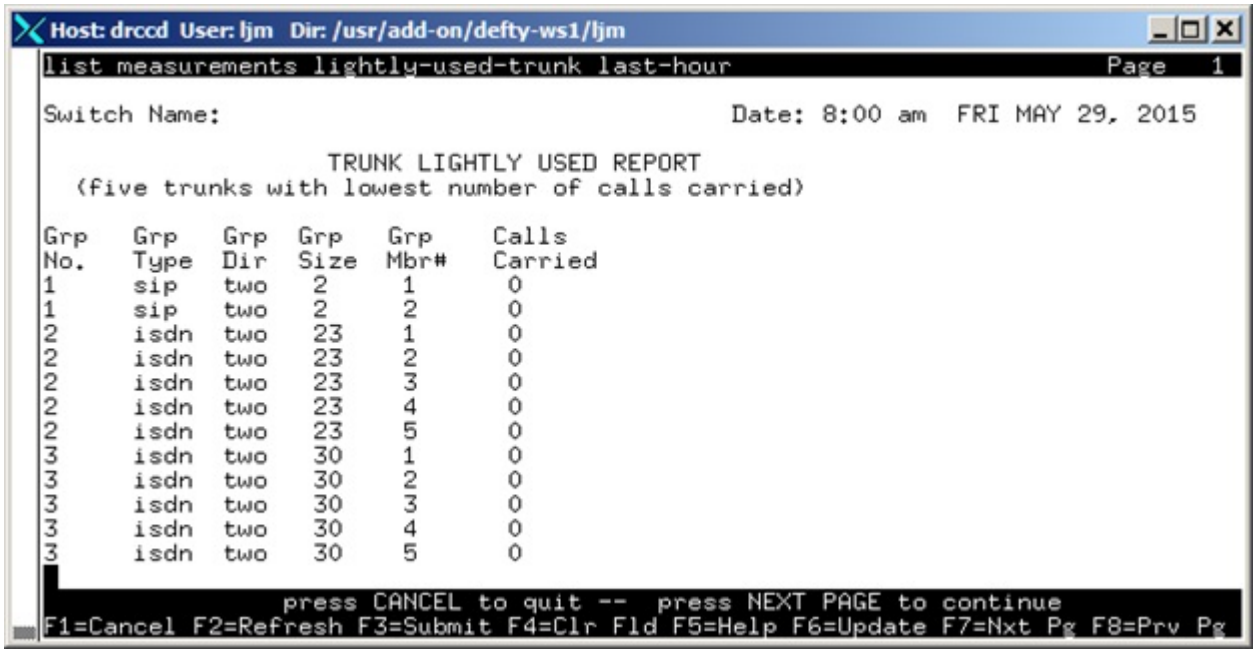
### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmMeasLightUseTrkLstHrTable | .1 | n/a | SEQUENCE OF avCmMeasLightUseTrkLstHrEntry | n/a | An object that contains a list of the avCmMeasLightUseTrkLstHr entries |
| | | | | | |
| avCmMeasLightUseTrkLstHrEntry | .1.1 | n/a | avCmMeasLightUseTrkLstHrEntry | n/a | A avCmMeasLightUseTrkLstHr entry containing objects of the avCmMeasLightUseTrkLstHr information sent by the switch. |
| | | | | | |
| avCmMeasLightUseTrkLstHrTrunkGrpIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmMeasLightUseTrkLstHrGrpMbrIdx | .1.1.2 | n/a | Integer32 (0..255) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmMeasLightUseTrkLstHrTrunkGroup | .1.1.3 | R | Integer32 (0..2000) | Trunk Group | An object containing the trunk group number. |
| TRUNK LIGHTLY USED REPORT | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasLightUseTrkLstHrRunDate<br>TRUNK LIGHTLY USED REPORT | .1.1.4 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the command was executed. |
| avCmMeasLightUseTrkLstHrGrpSize<br>TRUNK LIGHTLY USED REPORT | .1.1.5 | R | Integer32 (0..999) | Grp Size | An object containing the number of members. |
| avCmMeasLightUseTrkLstHrGrpMbr<br>TRUNK LIGHTLY USED REPORT | .1.1.6 | R | Integer32 (0..2300) | Grp Mbr# | An object containing the member that was out of service. |
| avCmMeasLightUseTrkLstHrCallsCarried<br>TRUNK LIGHTLY USED REPORT | .1.1.7 | R | Integer32 (0..999) | Calls Carried | An object containing the number of calls carried over the trunk member. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-AURA-CM-MIB.txt   avCmMeasLightUseTrkLstHr
avCmMeasLightUseTrkLstHrTrunkGroup.1.1 = INTEGER: 1
avCmMeasLightUseTrkLstHrTrunkGroup.1.2 = INTEGER: 1
 :
 :
```

```
avCmMeasLightUseTrkLstHrTrunkGroup.604.2 = INTEGER: 604
avCmMeasLightUseTrkLstHrRunDate.1.1 = STRING: 8:08 am  FRI MAY 29, 2015
avCmMeasLightUseTrkLstHrRunDate.1.2 = STRING: 8:08 am  FRI MAY 29, 2015
 :
 :
avCmMeasLightUseTrkLstHrRunDate.604.2 = STRING: 8:08 am  FRI MAY 29, 2015
avCmMeasLightUseTrkLstHrGrpSize.1.1 = INTEGER: 2
avCmMeasLightUseTrkLstHrGrpSize.1.2 = INTEGER: 2
 :
 :
avCmMeasLightUseTrkLstHrGrpSize.604.2 = INTEGER: 2
avCmMeasLightUseTrkLstHrGrpMbr.1.1 = INTEGER: 1
avCmMeasLightUseTrkLstHrGrpMbr.1.2 = INTEGER: 2
 :
 :
avCmMeasLightUseTrkLstHrCallsCarried.604.2 = INTEGER: 0
```

# avCmMeasLightUseTrkToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasLightUseTrkToday Group | enterprises.6889.2.73.8.1.42 | Table |

### Description

The avCmMeasLightUseTrkToday MIB Group uses the **`list measurements lightly-used-trunk today`** command to retrieve lightly used trunk data from today.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasLightUseTrkToday | SAT | `list measurements lightly-used-trunk today` | TRUNK LIGHTLY USED REPORT |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| Form/Report name | | | | | |
| avCmMeasLightUseTrkTodayTable | .1 | n/a | SEQUENCE OF avCmMeasLightUseTrkTodayEntry | n/a | An object that contains a list of the avCmMeasLightUseTrkToday entries |
| | | | | | |
| avCmMeasLightUseTrkTodayEntry | .1.1 | n/a | avCmMeasLightUseTrkTodayEntry | n/a | A avCmMeasLightUseTrkToday entry containing objects of the avCmMeasLightUseTrkToday information sent by the switch. |
| | | | | | |
| avCmMeasLightUseTrkTodayTrunkGrpIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmMeasLightUseTrkTodayGrpMbrIdx | .1.1.2 | n/a | Integer32 (0..255) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmMeasLightUseTrkTodayTrunkGroup | .1.1.3 | R | Integer32 (0..2000) | Trunk Group | An object containing the trunk group number. |
| TRUNK LIGHTLY USED REPORT | | | | | |
| avCmMeasLightUseTrkTodayRunDate | .1.1.4 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TRUNK LIGHTLY USED REPORT | | | | | command was executed. |
| avCmMeasLightUseTrkTodayGrpSize<br>TRUNK LIGHTLY USED REPORT | .1.1.5 | R | Integer32 (0..999) | Grp Size | An object containing the number of members. |
| avCmMeasLightUseTrkTodayGrpMbr<br>TRUNK LIGHTLY USED REPORT | .1.1.6 | R | Integer32 (0..2300) | Grp Mbr# | An object containing the member that was out of service. |
| avCmMeasLightUseTrkTodayCallsCarried<br>TRUNK LIGHTLY USED REPORT | .1.1.7 | R | Integer32 (0..999) | Calls Carried | An object containing the number of calls carried over the trunk member. |

## Sample output of forms

```
list measurements lightly-used-trunk today                          Page   1

Switch Name:                                    Date: 8:10 am  FRI MAY 29, 2015

                    TRUNK LIGHTLY USED REPORT
  (five trunks with lowest number of calls carried)

Grp   Grp   Grp  Grp   Grp    Calls
No.   Type  Dir  Size  Mbr#   Carried
1     sip   two   2     1      0
1     sip   two   2     2      0
2     isdn  two   23    1      0
2     isdn  two   23    2      0
2     isdn  two   23    3      0
2     isdn  two   23    4      0
2     isdn  two   23    5      0
3     isdn  two   30    1      0
3     isdn  two   30    2      0
3     isdn  two   30    3      0
3     isdn  two   30    4      0
3     isdn  two   30    5      0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt   avCmMeasLightUseTrkToday
avCmMeasLightUseTrkTodayTrunkGroup.1.1 = INTEGER: 1
avCmMeasLightUseTrkTodayTrunkGroup.1.2 = INTEGER: 1
 :
 :
avCmMeasLightUseTrkTodayTrunkGroup.604.2 = INTEGER: 604
avCmMeasLightUseTrkTodayRunDate.1.1 = STRING: 8:13 am  FRI MAY 29, 2015
avCmMeasLightUseTrkTodayRunDate.1.2 = STRING: 8:13 am  FRI MAY 29, 2015
 :
 :
```

```
avCmMeasLightUseTrkTodayRunDate.604.2 = STRING: 8:13 am  FRI MAY 29, 2015
avCmMeasLightUseTrkTodayGrpSize.1.1 = INTEGER: 2
avCmMeasLightUseTrkTodayGrpSize.1.2 = INTEGER: 2
 :
 :
avCmMeasLightUseTrkTodayGrpSize.604.2 = INTEGER: 2
avCmMeasLightUseTrkTodayGrpMbr.1.1 = INTEGER: 1
avCmMeasLightUseTrkTodayGrpMbr.1.2 = INTEGER: 2
 :
 :
avCmMeasLightUseTrkTodayCallsCarried.604.2 = INTEGER: 0
```

# avCmMeasLightUseTrkYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasLightUseTrkYest Group | enterprises.6889.2.73.8.1.43 | Table |

### Description

The avCmMeasLightUseTrkYest MIB Group uses the **`list measurements lightly-used-trunk yesterday`** command to retrieve lightly used trunk data from yesterday.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasLightUseTrkYest | SAT | `list measurements lightly-used-trunk yesterday` | TRUNK LIGHTLY USED REPORT |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

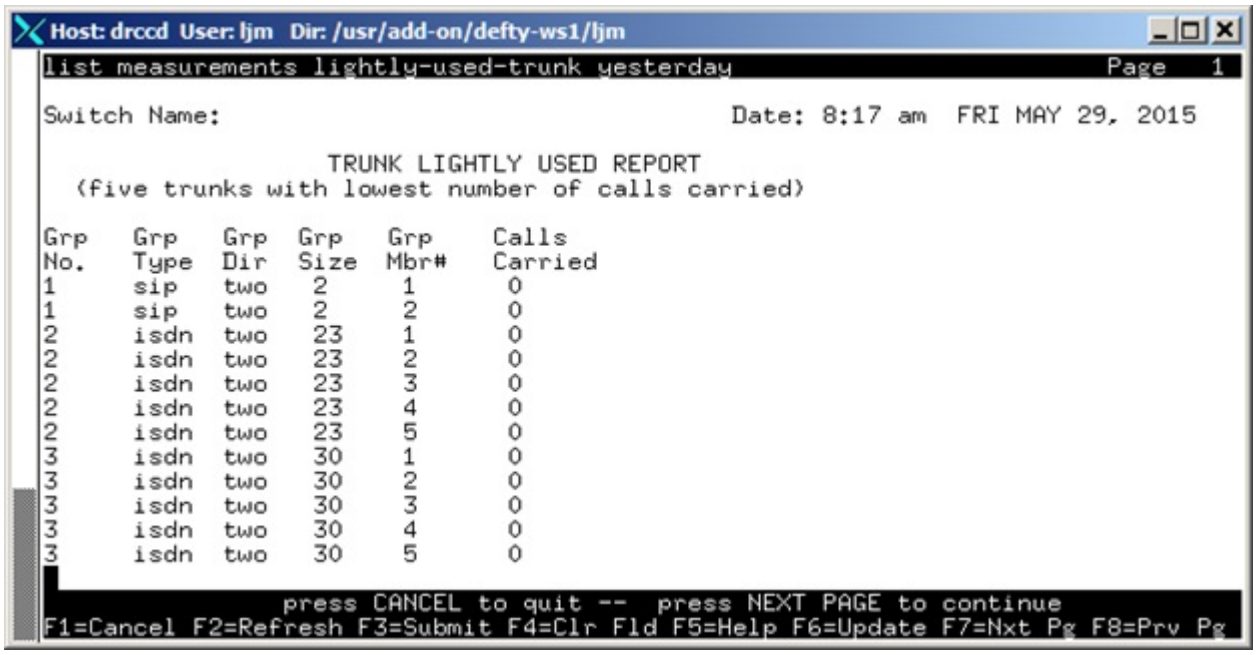
### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasLightUseTrkYestTable | .1 | n/a | SEQUENCE OF avCmMeasLightUseTrkYestEntry | n/a | An object that contains a list of the avCmMeasLightUseTrkYest entries |
| avCmMeasLightUseTrkYestEntry | .1.1 | n/a | avCmMeasLightUseTrkYestEntry | n/a | A avCmMeasLightUseTrkYest entry containing objects of the avCmMeasLightUseTrkYest information sent by the switch. |
| avCmMeasLightUseTrkYestTrunkGrpIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasLightUseTrkYestGrpMbrIdx | .1.1.2 | n/a | Integer32 (0..255) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasLightUseTrkYestTrunkGroup<br>TRUNK LIGHTLY USED REPORT | .1.1.3 | R | Integer32 (0..2000) | Trunk Group | An object containing the trunk group number. |
| avCmMeasLightUseTrkYestRunDate | .1.1.4 | R | SnmpAdminString (SIZE (0..27)) | Date | An object containing the Date the command was executed. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TRUNK LIGHTLY USED REPORT | | | | | |
| avCmMeasLightUseTrkYestGrpSize<br>TRUNK LIGHTLY USED REPORT | .1.1.5 | R | Integer32 (0..999) | Grp Size | An object containing the number of members. |
| avCmMeasLightUseTrkYestGrpMbr<br>TRUNK LIGHTLY USED REPORT | .1.1.6 | R | Integer32 (0..2300) | Grp Mbr# | An object containing the member that was out of service. |
| avCmMeasLightUseTrkYestCallsCarried<br>TRUNK LIGHTLY USED REPORT | .1.1.7 | R | Integer32 (0..999) | Calls Carried | An object containing the number of calls carried over the trunk member. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt   avCmMeasLightUseTrkTodayYest
avCmMeasLightUseTrkYestTrunkGroup.1.1 = INTEGER: 1
avCmMeasLightUseTrkYestTrunkGroup.1.2 = INTEGER: 1
:
:
avCmMeasLightUseTrkYestTrunkGroup.604.2 = INTEGER: 604
avCmMeasLightUseTrkYestRunDate.1.1 = STRING: 8:13 am  FRI MAY 29, 2015
avCmMeasLightUseTrkYestRunDate.1.2 = STRING: 8:13 am  FRI MAY 29, 2015
```

```
 :
 :
avCmMeasLightUseTrkYestRunDate.604.2 = STRING: 8:13 am  FRI MAY 29, 2015
avCmMeasLightUseTrkYestGrpSize.1.1 = INTEGER: 2
avCmMeasLightUseTrkYestGrpSize.1.2 = INTEGER: 2
 :
 :
avCmMeasLightUseTrkYestGrpSize.604.2 = INTEGER: 2
avCmMeasLightUseTrkYestGrpMbr.1.1 = INTEGER: 1
avCmMeasLightUseTrkYestGrpMbr.1.2 = INTEGER: 2
 :
 :
avCmMeasLightUseTrkYestGrpMbr.604.2 = INTEGER: 2
avCmMeasLightUseTrkYestCallsCarried.1.1 = INTEGER: 0
avCmMeasLightUseTrkYestCallsCarried.1.2 = INTEGER: 0
 :
 :
avCmMeasLightUseTrkYestCallsCarried.604.2 = INTEGER: 0
```

# avCmMeasSecViolationSum Group

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasSecViolationSum Group | enterprises.6889.2.73.8.1.44 | Table |

### Description

The avCmMeasSecViolationSum MIB group uses the **`list measurements security-violations summary`** command to retrieve security violation data.

### Releases Supported

6.3.100 and later

### Polling Type

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasSecViolationSum Group | SAT | `list measurements security-violations summary` | SECURITY VIOLATIONS SUMMARY REPORT |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasSecViolationSumTable<br> | .1 | n/a | SEQUENCE OF AvCmMeasSecViolationSumEntry | n/a | An object that contains a list of the avCmMeasSecViolationSum entries |
| AvCmMeasSecViolationSumEntry<br> | .1.1 | n/a | AvCmMeasSecViolationSumEntry | n/a | A avCmMeasSecViolationSum entry containing objects of the avCmMeasSecViolationSum information sent by the switch. |
| avCmMeasSecViolationSumPortTypeIdx<br> | .1.1.1 | n/a | SnmpAdminString (SIZE (0..11)) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasSecViolationSumPortType<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.2 | R | SnmpAdminString (SIZE (0..11)) | Port Type | An object containing the port type. |
| avCmMeasSecViolationSumRunDate<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.3 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the Date the command was executed. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasSecViolationSumCountSince<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.4 | R | SnmpAdminString (SIZE (0..11)) | Counted Since | An object containing when the counts started being kept. |
| avCmMeasSecViolationSumValidBC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.5 | R | Integer32 (0..9999999) | Valid Barrier Codes | An object containing the total number of times a entered a valid barrier code. |
| avCmMeasSecViolationSumInvalidBC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.6 | R | Integer32 (0..9999999) | Invalid Barrier Codes | An object containing the total number of times a user entered a invalid barrier code. |
| avCmMeasSecViolationSumBC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.7 | R | Integer32 (0..9999999) | Total Barrier Codes | An object containing the total number of security violations for barrier codes. |
| avCmMeasSecViolationSumValidStnSecCode<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.8 | R | Integer32 (0..9999999) | Valid Station Security Codes | An object containing the number of calls originating from stations that generated valid station security codes. |
| avCmMeasSecViolationSumInvalidStnSecCode<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.9 | R | Integer32 (0..9999999) | Invalid Station Security Codes | An object containing the number of calls originating from stations that generated invalid station security codes. |
| avCmMeasSecViolationSumValidTrkSecCode<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.10 | R | Integer32 (0..9999999) | Valid Trunk Security Codes | An object containing the number of calls originating rom trunks that generated valid station security codes. |

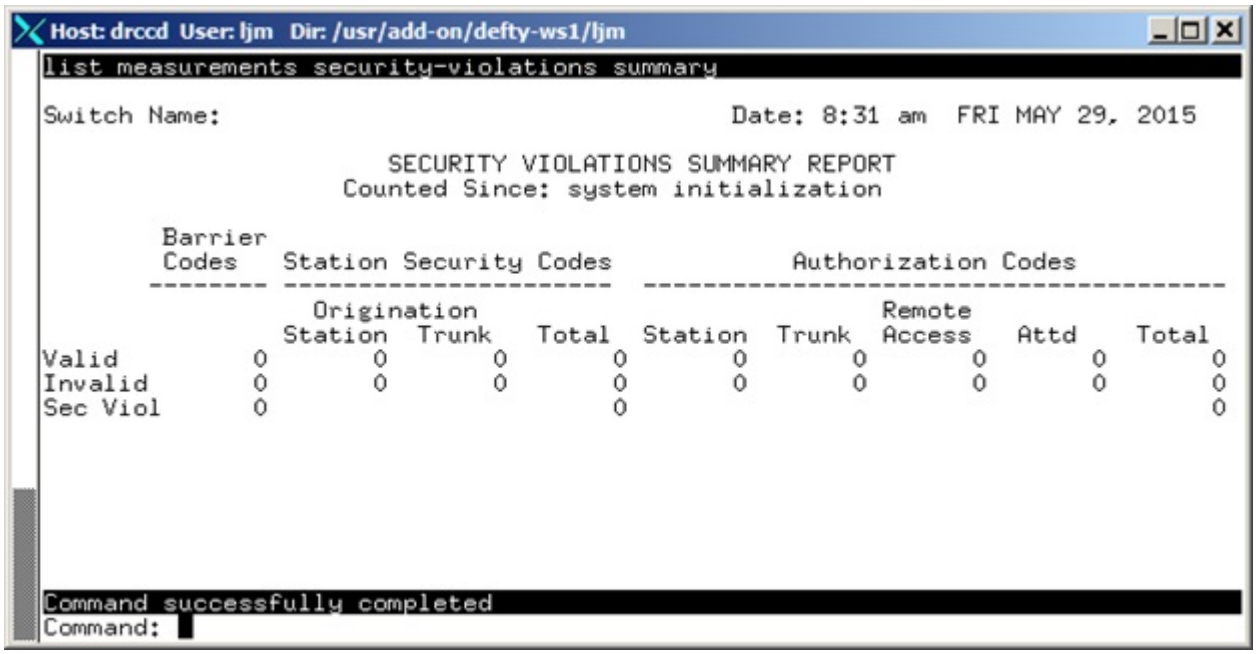
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasSecViolationSumInvalidTrkSecCode<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.1.1 | R | Integer32 (0..9999999) | Invalid Trunk Security Codes | An object containing the number of calls originating from trunks that generated invalid station security codes. |
| avCmMeasSecViolationSumTotValidSecCode<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.1.2 | R | Integer32 (0..9999999) | Total Valid Security Codes | An object containing the number of total calls that generated valid station security codes. |
| avCmMeasSecViolationSumTotInvalidSecCode<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.1.3 | R | Integer32 (0..9999999) | Total Invalid Security Codes | An object containing the number of total calls that generated invalid station security codes. |
| avCmMeasSecViolationSumTotSecCode<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.1.4 | R | Integer32 (0..9999999) | Total Station Security Code Violations | An object containing the number of total calls that generated station security violations. |
| avCmMeasSecViolationSumValidStnAC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.1.5 | R | Integer32 (0..9999999) | Valid Station Authorization Codes | An object containing the number of calls originating from stations that generated valid authorization codes. |
| avCmMeasSecViolationSumInvalidStnAC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.1.6 | R | Integer32 (0..9999999) | Invalid Station Authorization Codes | An object containing the number of calls originating from stations that generated invalid authorization codes. |
| avCmMeasSecViolationSumValidTrkAC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.1.7 | R | Integer32 (0..9999999) | Valid Trunk Authorization Codes | An object containing the number of calls originating from trunks that generated valid authorization codes. |
| avCmMeasSecViolationSumInvalidTrkAC | .1.1.1.8 | R | Integer32 (0..9999999) | Invalid Trunk Authorization Codes | An object containing the number of calls originating from |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| SECURITY VIOLATIONS SUMMARY REPORT | | | | | trunks that generated invalid authorization codes. |
| avCmMeasSecViolationSumValidRemAccAC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.19 | R | Integer32 (0..9999999) | Valid Remote Access Authorization Codes | An object containing the number of calls originating from remote access that generated valid authorization codes. |
| avCmMeasSecViolationSumInvalidRemAccAC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.20 | R | Integer32 (0..9999999) | Invalid Remote Access Authorization Codes | An object containing the number of calls originating from remote access that generated invalid authorization codes. |
| avCmMeasSecViolationSumValidAtdAC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.21 | R | Integer32 (0..9999999) | Valid Attendant Authorization Codes | An object containing the number of calls originating from attendants that generated valid authorization codes. |
| avCmMeasSecViolationSumInvalidAtdAC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.22 | R | Integer32 (0..9999999) | Invalid Attendant Authorization Codes | An object containing the number of calls originating from attendants that generated invalid authorization codes. |
| avCmMeasSecViolationSumValidTotAC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.23 | R | Integer32 (0..9999999) | Total Valid Authorization Codes | An object containing the number of calls that generated valid authorization codes. |
| avCmMeasSecViolationSumInvalidTotAC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.24 | R | Integer32 (0..9999999) | Total Invalid Authorization Codes | An object containing the number of calls that generated invalid authorization codes. |
| avCmMeasSecViolationSumTotAC<br>SECURITY VIOLATIONS SUMMARY REPORT | .1.1.25 | R | Integer32 (0..9999999) | Total Authorization Code Security Violations | An object containing the number of calls that generated security violations for authorization codes. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt   avCmMeasSecViolationSum
avCmMeasSecViolationSumPortType."" = STRING:
avCmMeasSecViolationSumRunDate."" = STRING: 8:32 am  FRI MAY 29, 2015
avCmMeasSecViolationSumCountSince."" = STRING: system initialization
avCmMeasSecViolationSumValidBC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidBC."" = INTEGER: 0
avCmMeasSecViolationSumBC."" = INTEGER: 0
avCmMeasSecViolationSumValidStnSecCode."" = INTEGER: 0
avCmMeasSecViolationSumInvalidStnSecCode."" = INTEGER: 0
avCmMeasSecViolationSumValidTrkSecCode."" = INTEGER: 0
avCmMeasSecViolationSumInvalidTrkSecCode."" = INTEGER: 0
avCmMeasSecViolationSumTotValidSecCode."" = INTEGER: 0
avCmMeasSecViolationSumTotInvalidSecCode."" = INTEGER: 0
avCmMeasSecViolationSumTotSecCode."" = INTEGER: 0
avCmMeasSecViolationSumValidStnAC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidStnAC."" = INTEGER: 0
avCmMeasSecViolationSumValidTrkAC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidTrkAC."" = INTEGER: 0
avCmMeasSecViolationSumValidRemAccAC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidRemAccAC."" = INTEGER: 0
avCmMeasSecViolationSumValidAtdAC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidAtdAC."" = INTEGER: 0
avCmMeasSecViolationSumValidTotAC."" = INTEGER: 0
avCmMeasSecViolationSumInvalidTotAC."" = INTEGER: 0
avCmMeasSecViolationSumTotAC."" = INTEGER: 0
```

# avCmListMedGateway Group

| MIB group name | OID | Type |
|---|---|---|
| avCmListMedGateway Group | enterprises.6889.2.73.8.1.45 | Table |

### Description

The avCmListMedGateway MIB group uses the **`list media-gateway`** command to retrieve media-gateway data.

### Releases Supported

6.3.100 and later

### Polling Type

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListMedGateway Group | SAT | **`list media-gateway`** | MEDIA-GATEWAY REPORT |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

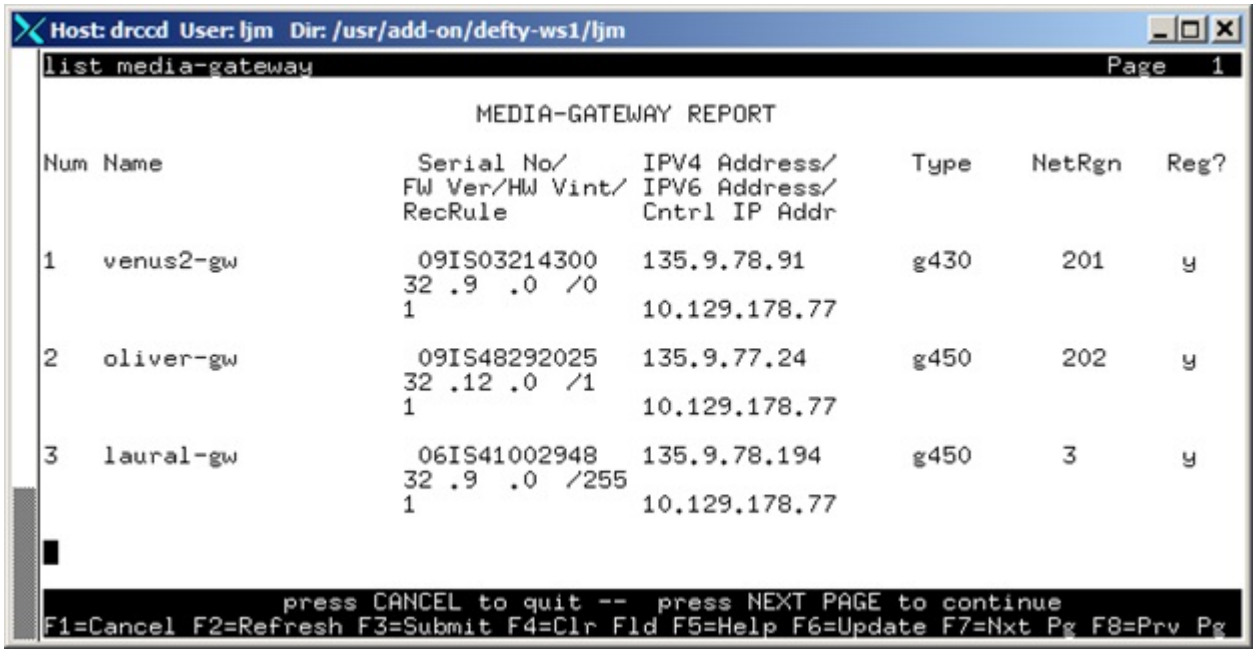
## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListMedGatewayTable | .1 | n/a | SEQUENCE OF AvCmMeasSecViolationSumEntry | n/a | An object that contains a list of the avCmListMedGateway entries. |
| avCmListMedGatewayEntry | .1.1 | n/a | AvCmListMedGatewayEntry | n/a | A avCmListMedGateway entry containing objects of the avCmListMedGateway information sent by the switch. |
| avCmListMedGatewayNumIdx | .1.1.1 | n/a | Integer32 (0..250) | n/a | An object that uniquely identifies each increment of data. |
| avCmListMedGatewayNumber<br>MEDIA-GATEWAY REPORT | .1.1.2 | R | Integer32 (0..250) | Num | An object containing the Gateway Number. |
| avCmListMedGatewayName<br>MEDIA-GATEWAY REPORT | .1.1.3 | R | SnmpAdminString (SIZE (0..28)) | Name | An object containing the Name of the gateway. |
| avCmListMedGatewaySerNum<br>MEDIA-GATEWAY REPORT | .1.1.4 | R | SnmpAdminString (SIZE (0..13)) | Serial Number | An object containing the Serial Number. |
| avCmListMedGatewayFWVersHWVint<br>MEDIA-GATEWAY REPORT | .1.1.5 | R | SnmpAdminString (SIZE (0..17)) | FW Version/HW Vintage | An object containing the FW Version/HW Vintage. |
| avCmListMedGatewayRecRule<br>MEDIA-GATEWAY REPORT | .1.1.6 | R | SnmpAdminString (SIZE (0..5)) | RecRule | An object containing the recovery rule for the gateway. |
| avCmListMedGatewayIPV4Address<br>MEDIA-GATEWAY REPORT | .1.1.7 | R | SnmpAdminString (SIZE (0..16)) | IPV4 Address | An object containing the IPV4 Address of the gateway. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListMedGatewayIPV6Address<br>MEDIA-GATEWAY REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..41)) | IPV6 Address | An object containing the IPV6 Address of the gateway. |
| avCmListMedGatewayContrlAddr<br>MEDIA-GATEWAY REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..41)) | Cntrl IP Addr | An object containing the control IP Address. |
| avCmListMedGatewayType<br>MEDIA-GATEWAY REPORT | .1.1.10 | R | SnmpAdminString (SIZE (0..9)) | Type | An object containing the gateway type. |
| avCmListMedGatewayRegion<br>MEDIA-GATEWAY REPORT | .1.1.11 | R | SnmpAdminString (SIZE (0..250)) | NetRgn | An object containing the network region assigned to<br>the gateway. |
| avCmListMedGatewayRegistered<br>MEDIA-GATEWAY REPORT | .1.1.12 | R | SnmpAdminString (SIZE (0..2)) | Reg? | An object containing whether the gateway is registered. |

## Sample output of forms



### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt   avCmListMedGateway
avCmListMedGatewayNumber.1 = INTEGER: 1
avCmListMedGatewayNumber.2 = INTEGER: 2
 :
 :
avCmListMedGatewayNumber.10 = INTEGER: 10
avCmListMedGatewayName.1 = STRING: venus2-gw
avCmListMedGatewayName.2 = STRING: oliver-gw
 :
 :
avCmListMedGatewayName.10 = STRING: b4-v150-g450c
avCmListMedGatewaySerNum.1 = STRING: 09IS03214300
avCmListMedGatewaySerNum.2 = STRING: 09IS48292025
 :
 :
avCmListMedGatewaySerNum.10 = STRING: 09IS43271393
avCmListMedGatewayFWVersHWVint.1 = STRING: 32 .9  .0  /0
avCmListMedGatewayFWVersHWVint.2 = STRING: 32 .12 .0  /1
 :
 :
avCmListMedGatewayFWVersHWVint.10 = STRING: 33 .11 .0  /1
avCmListMedGatewayRecRule.1 = STRING: 1
avCmListMedGatewayRecRule.2 = STRING: 1
 :
 :
avCmListMedGatewayRecRule.10 = STRING: 1
avCmListMedGatewayIPV4Address.1 = STRING: 135.9.78.91
avCmListMedGatewayIPV4Address.2 = STRING: 135.9.77.24
 :
 :
avCmListMedGatewayIPV4Address.10 = STRING: 135.9.181.157
avCmListMedGatewayIPV6Address.1 = STRING:
avCmListMedGatewayIPV6Address.2 = STRING:
 :
 :
avCmListMedGatewayIPV6Address.10 = STRING: 2002:8709:b5fe::157
avCmListMedGatewayContrlAddr.1 = STRING: 10.129.178.77
avCmListMedGatewayContrlAddr.2 = STRING: 10.129.178.77
 :
 :
avCmListMedGatewayContrlAddr.10 = STRING: 10.129.178.77
avCmListMedGatewayType.1 = STRING: g430
avCmListMedGatewayType.2 = STRING: g450
 :
 :
avCmListMedGatewayType.10 = STRING: g450
avCmListMedGatewayRegion.1 = INTEGER: 201
avCmListMedGatewayRegion.2 = INTEGER: 202
 :
 :
avCmListMedGatewayRegion.10 = INTEGER: 10
avCmListMedGatewayRegistered.1 = STRING: y
avCmListMedGatewayRegistered.2 = STRING: y
 :
 :
avCmListMedGatewayRegistered.10 = STRING: y
```

# avCmListConfigMedGateway Group

| MIB group name | OID | Type |
|---|---|---|
| avCmListConfigMedGateway Group | enterprises.6889.2.73.8.1.46 | Table |

### Description

The avCmListConfigMedGateway MIB group uses the **`list configuration media-gateway`** command to retrieve media-gateway data.

### Releases Supported

6.3.100 and later

### Polling Type

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:
### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListConfigMedGateway Group | SAT | **`list media-gateway`** | SYSTEM CONFIGURATION |
| | SAT | **`list configuration media-gateway`** | SYSTEM CONFIGURATION |

### Reference Document

1. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.
2. A detailed description of the command and form can be found in the*Administering Avaya Aura® Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

1. No special permissions needed.
2. No special permissions needed.

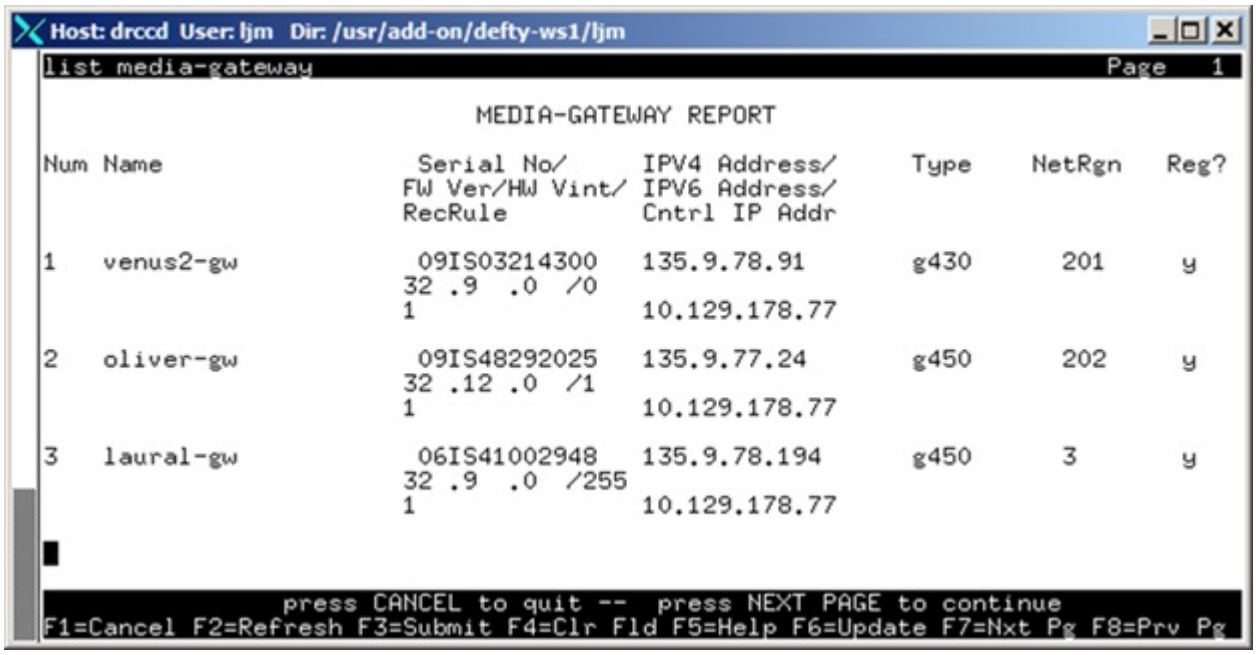
### Objects

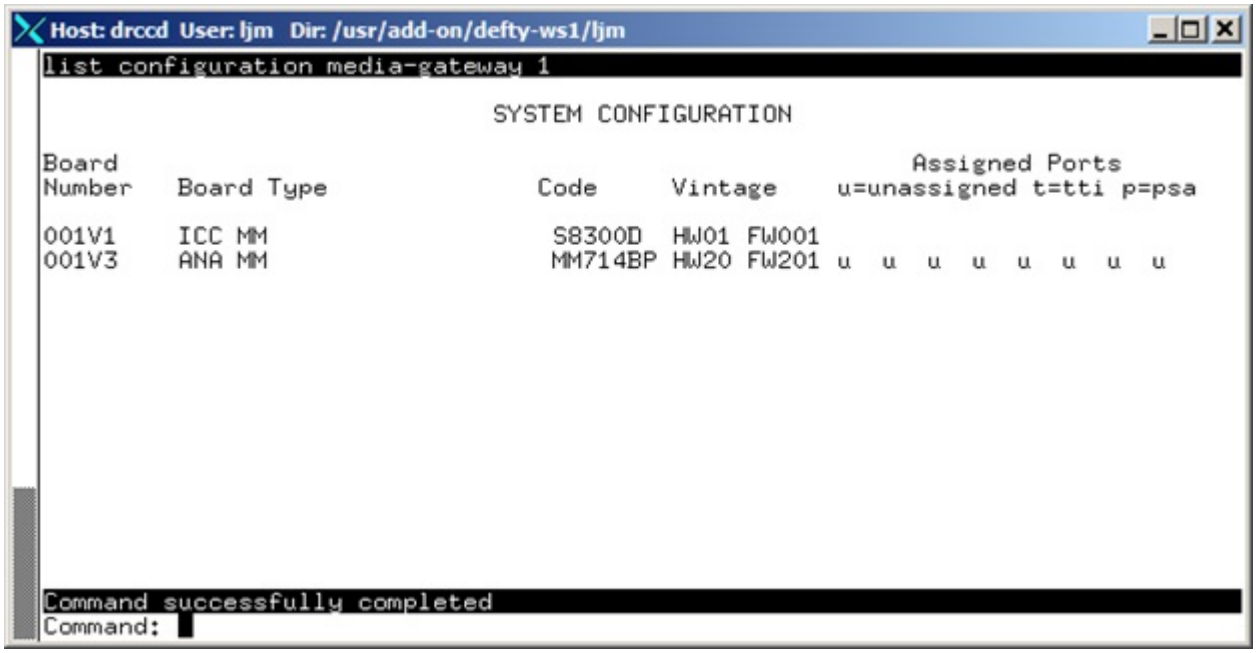
| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListConfigMedGatewayTable | .1 | n/a | SEQUENCE OF AvCmListConfigMedGatewayEntry | n/a | An object that contains a list of the avCmListConfigMedGateway entries. |
| avCmListConfigMedGatewayEntry | .1.1 | n/a | AvCmListMedGatewayEntry | n/a | A avCmListConfigMedGateway entry containing objects of the avCmListConfigMedGateway information sent by the switch. |
| avCmListConfigMedGatewayNumIdx | .1.1.1 | n/a | Integer32 (0..250) | n/a | An object that contains that uniquely identifies a media gateway. |
| avCmListConfigMedGatewayBoardIdx | .1.1.2 | n/a | SnmpAdminString (SIZE (0..10)) | n/a | An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows: cabinet(01-64):carrier(A-E):slot(01-20). |
| avCmListConfigMedGatewayBoardNumber<br>SYSTEM CONFIGURATION | .1.1.3 | R | SnmpAdminString (SIZE (0..28)) | Board Number | An object that contains that uniquely identifies a board based on its location in the system. The syntax for the Board Number is as follows: cabinet(01-64):carrier(A-E):slot(01-20). |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListConfigMedGatewayBoardType<br>SYSTEM CONFIGURATION | . 1.1.4 | R | SnmpAdminString (SIZE (0..20)) | Board Type | An object containing the type of board. |
| avCmListConfigMedGatewayCode<br>SYSTEM CONFIGURATION | . 1.1.5 | R | SnmpAdminString (SIZE (0..11)) | Code | An object that contains a the board code and suffix of the board. |
| avCmListConfigMedGatewayVintage<br>SYSTEM CONFIGURATION | . 1.1.6 | R | SnmpAdminString (SIZE (0..11)) | Vintage | An object that contains vintage of the board. |
| avCmListConfigMedGatewayAssignedPorts<br>SYSTEM CONFIGURATION | . 1.1.7 | R | SnmpAdminString (SIZE (0..193)) | Assigned Ports | An object that specifies the assignment of the port. A string representing integers identical to the port numbers that are assigned. The char (u) indicates that the port is unassigned. The char (t) indicates that the port is assigned via the TTI feature. The char (p) indicates that the port is assigned via the PSA feature. A NULL char or string indicates that the port(s) does not exist or is not administered on that board. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt   avCmListConfigMedGateway
avCmListConfigMedGatewayBoardNumber.1."001V1" = STRING: 001V1
avCmListConfigMedGatewayBoardNumber.1."001V3" = STRING: 001V3
 :
 :
avCmListConfigMedGatewayBoardNumber.10."010V8" = STRING: 010V8
avCmListConfigMedGatewayBoardType.1."001V1" = STRING: ICC MM
```

```
avCmListConfigMedGatewayBoardType.1."001V3" = STRING: ANA MM
 :
 :
avCmListConfigMedGatewayBoardType.10."010V8" = STRING: ANA MM
avCmListConfigMedGatewayCode.1."001V1" = STRING: S8300D
avCmListConfigMedGatewayCode.1."001V3" = STRING: MM714BP
 :
 :
avCmListConfigMedGatewayCode.10."010V8" = STRING: MM711AP
avCmListConfigMedGatewayVintage.1."001V1" = STRING: HW01 FW001
avCmListConfigMedGatewayVintage.1."001V3" = STRING: HW20 FW201
 :
 :
avCmListConfigMedGatewayVintage.10."010V8" = STRING: HW31 FW087
avCmListConfigMedGatewayAssignedPorts.1."001V1" = STRING:
avCmListConfigMedGatewayAssignedPorts.1."001V3" = STRING: u u u u u u
u u
 :
 :
avCmListConfigMedGatewayAssignedPorts.10."010V8" = STRING: u u u u u u u u
```

# avCmStatusMedGateway

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusMedGateway | enterprises.6889.2.73.8.1.47 | Scalar |

### Description

The avCmStatusMedGateway MIB Group uses the **media-gateways** command to retrieve the gateway health information.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration, Inventory, and Performance/Utilization

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusMedGateway | SAT | `status media-gateways` | GATEWAY STATUS |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlmMajor<br>GATEWAY STATUS | .1 | R | Integer32 (0..9999) | Alarms Major | An object that contains the number of major alarms. |
| avCmStatusMedGatewayAlmMinor<br>GATEWAY STATUS | .2 | R | Integer32 (0..9999) | Alarms Major | An object that contains the number of minor alarms. |
| avCmStatusMedGatewayAlmWarning<br>GATEWAY STATUS | .3 | R | Integer32 (0..9999) | Alarms Warning | An object that contains the number of warning alarms. |
| avCmStatusMedGatewayBusyOutTrunks<br>GATEWAY STATUS | .4 | R | Integer32 (0..9999) | BUSYOUT Trunks | An object that contains the number of Busied Out Trunks. |
| avCmStatusMedGatewayBusyOutStations<br>GATEWAY STATUS | .5 | R | Integer32 (0..9999) | BUSYOUT Stations | An object that contains the number of Busied Out stations. |
| avCmStatusMedGatewayH248LinksDown<br>GATEWAY STATUS | .6 | R | Integer32 (0..9999) | Links Down | An object containing the total number of media gateways administered in a system that do not have a H.248 link established to the media gateway controller. |
| avCmStatusMedGatewayH248LinksUp | .7 | R | Integer32 (0..9999) | Links Up | An object containing the total number of |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| GATEWAY STATUS | | | | | media gateways administered in a system that do have a H.248 link established to the media gateway controller. |
| avCmStatusMedGatewayNbrLogins<br>GATEWAY STATUS | .8 | R | Integer32 (0..99) | # Logins | An object containing the total number of logins into the system. |
| avCmStatusMedGatewayAlarms1<br>GATEWAY STATUS | .9 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms2<br>GATEWAY STATUS | .10 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms3<br>GATEWAY STATUS | .11 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms4<br>GATEWAY STATUS | .12 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms5<br>GATEWAY STATUS | .13 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms6<br>GATEWAY STATUS | .14 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms7<br>GATEWAY STATUS | .15 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms8<br>GATEWAY STATUS | .16 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms9<br>GATEWAY STATUS | .17 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms10<br>GATEWAY STATUS | .18 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms11<br>GATEWAY STATUS | .19 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms12<br>GATEWAY STATUS | .20 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms13<br>GATEWAY STATUS | .21 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms14<br>GATEWAY STATUS | .22 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms15<br>GATEWAY STATUS | .23 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms16<br>GATEWAY STATUS | .24 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms17<br>GATEWAY STATUS | .25 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms18<br>GATEWAY STATUS | .26 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms19<br>GATEWAY STATUS | .27 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms20<br>GATEWAY STATUS | .28 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms21<br>GATEWAY STATUS | .29 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms22<br>GATEWAY STATUS | .30 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms23<br>GATEWAY STATUS | .31 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms24<br>GATEWAY STATUS | .32 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms25<br>GATEWAY STATUS | .33 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms26<br>GATEWAY STATUS | .34 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms27<br>GATEWAY STATUS | .35 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms28<br>GATEWAY STATUS | .36 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms29<br>GATEWAY STATUS | .37 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms30<br>GATEWAY STATUS | .38 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms31<br>GATEWAY STATUS | .39 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms32<br>GATEWAY STATUS | .40 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms33<br>GATEWAY STATUS | .41 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms34<br>GATEWAY STATUS | .42 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms35<br>GATEWAY STATUS | .43 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms36<br>GATEWAY STATUS | .44 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms37<br>GATEWAY STATUS | .45 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms38<br>GATEWAY STATUS | .46 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms39<br>GATEWAY STATUS | .47 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms40<br>GATEWAY STATUS | .48 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms41<br>GATEWAY STATUS | .49 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms42<br>GATEWAY STATUS | .50 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms43<br>GATEWAY STATUS | .51 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms44<br>GATEWAY STATUS | .52 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms45<br>GATEWAY STATUS | .53 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms46<br>GATEWAY STATUS | .54 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms47<br>GATEWAY STATUS | .55 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms48<br>GATEWAY STATUS | .56 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms49<br>GATEWAY STATUS | .57 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms50<br>GATEWAY STATUS | .58 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms51<br>GATEWAY STATUS | .59 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms52<br>GATEWAY STATUS | .60 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms53<br>GATEWAY STATUS | .61 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms54<br>GATEWAY STATUS | .62 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms55<br>GATEWAY STATUS | .63 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms56<br>GATEWAY STATUS | .64 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms57<br>GATEWAY STATUS | .65 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms58<br>GATEWAY STATUS | .66 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms59<br>GATEWAY STATUS | .67 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms60<br>GATEWAY STATUS | .68 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms61<br>GATEWAY STATUS | .69 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms62<br>GATEWAY STATUS | .70 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms63<br>GATEWAY STATUS | .71 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms64<br>GATEWAY STATUS | .72 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms65<br>GATEWAY STATUS | .73 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms66<br>GATEWAY STATUS | .74 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms67<br>GATEWAY STATUS | .75 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms68<br>GATEWAY STATUS | .76 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms69<br>GATEWAY STATUS | .77 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms70<br>GATEWAY STATUS | .78 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms71<br>GATEWAY STATUS | .79 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms72<br>GATEWAY STATUS | .80 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms73<br>GATEWAY STATUS | .81 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms74<br>GATEWAY STATUS | .82 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms75<br>GATEWAY STATUS | .83 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms76<br>GATEWAY STATUS | .84 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms77<br>GATEWAY STATUS | .85 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms78<br>GATEWAY STATUS | .86 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms79<br>GATEWAY STATUS | .87 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms80<br>GATEWAY STATUS | .88 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms81<br>GATEWAY STATUS | .89 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms82<br>GATEWAY STATUS | .90 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms83<br>GATEWAY STATUS | .91 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms84<br>GATEWAY STATUS | .92 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms85<br>GATEWAY STATUS | .93 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms86<br>GATEWAY STATUS | .94 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms87<br>GATEWAY STATUS | .95 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms88<br>GATEWAY STATUS | .96 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms89<br>GATEWAY STATUS | .97 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms90<br>GATEWAY STATUS | .98 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms91<br>GATEWAY STATUS | .99 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms92<br>GATEWAY STATUS | .100 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms93<br>GATEWAY STATUS | .101 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms94<br>GATEWAY STATUS | .102 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms95<br>GATEWAY STATUS | .103 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms96<br>GATEWAY STATUS | .104 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms97<br>GATEWAY STATUS | .105 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms98<br>GATEWAY STATUS | .106 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms99<br>GATEWAY STATUS | .107 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms100<br>GATEWAY STATUS | .108 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms101<br>GATEWAY STATUS | .109 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms102<br>GATEWAY STATUS | .110 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms103<br>GATEWAY STATUS | .111 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms104<br>GATEWAY STATUS | .112 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms105<br>GATEWAY STATUS | .113 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms106<br>GATEWAY STATUS | .114 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms107<br>GATEWAY STATUS | .115 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms108<br>GATEWAY STATUS | .116 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms109<br>GATEWAY STATUS | .117 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms110<br>GATEWAY STATUS | .118 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms111<br>GATEWAY STATUS | .119 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms112<br>GATEWAY STATUS | .120 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms113<br>GATEWAY STATUS | .121 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms114<br>GATEWAY STATUS | .122 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms115<br>GATEWAY STATUS | .123 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms116<br>GATEWAY STATUS | .124 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms117<br>GATEWAY STATUS | .125 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms118<br>GATEWAY STATUS | .126 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms119<br>GATEWAY STATUS | .127 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms120<br>GATEWAY STATUS | .128 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms121<br>GATEWAY STATUS | .129 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms122<br>GATEWAY STATUS | .130 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms123<br>GATEWAY STATUS | .131 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms124<br>GATEWAY STATUS | .132 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms125<br>GATEWAY STATUS | .133 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms126<br>GATEWAY STATUS | .134 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms127<br>GATEWAY STATUS | .135 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms128<br>GATEWAY STATUS | .136 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms129<br>GATEWAY STATUS | .137 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms130<br>GATEWAY STATUS | .138 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms131<br>GATEWAY STATUS | .139 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms132<br>GATEWAY STATUS | .140 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms133<br>GATEWAY STATUS | .141 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms134<br>GATEWAY STATUS | .142 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms135<br>GATEWAY STATUS | .143 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms136<br>GATEWAY STATUS | .144 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms137<br>GATEWAY STATUS | .145 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms138<br>GATEWAY STATUS | .146 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms139<br>GATEWAY STATUS | .147 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms140<br>GATEWAY STATUS | .148 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms141<br>GATEWAY STATUS | .149 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms142<br>GATEWAY STATUS | .150 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms143<br>GATEWAY STATUS | .151 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms144<br>GATEWAY STATUS | .152 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms145<br>GATEWAY STATUS | .153 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms146<br>GATEWAY STATUS | .154 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms147<br>GATEWAY STATUS | .155 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms148<br>GATEWAY STATUS | .156 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms149<br>GATEWAY STATUS | .157 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms150<br>GATEWAY STATUS | .158 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms151<br>GATEWAY STATUS | .159 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms152<br>GATEWAY STATUS | .160 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms153<br>GATEWAY STATUS | .161 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms154<br>GATEWAY STATUS | .162 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms155<br>GATEWAY STATUS | .163 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms156<br>GATEWAY STATUS | .164 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms157<br>GATEWAY STATUS | .165 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms158<br>GATEWAY STATUS | .166 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms159<br>GATEWAY STATUS | .167 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms160<br>GATEWAY STATUS | .168 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms161<br>GATEWAY STATUS | .169 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms162<br>GATEWAY STATUS | .170 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms163<br>GATEWAY STATUS | .171 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms164<br>GATEWAY STATUS | .172 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms165<br>GATEWAY STATUS | .173 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms166<br>GATEWAY STATUS | .174 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms167<br>GATEWAY STATUS | .175 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms168<br>GATEWAY STATUS | .176 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms169<br>GATEWAY STATUS | .177 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms170<br>GATEWAY STATUS | .178 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms171<br>GATEWAY STATUS | .179 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms172<br>GATEWAY STATUS | .180 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms173<br>GATEWAY STATUS | .181 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms174<br>GATEWAY STATUS | .182 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms175<br>GATEWAY STATUS | .183 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms176<br>GATEWAY STATUS | .184 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms177<br>GATEWAY STATUS | .185 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms178<br>GATEWAY STATUS | .186 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms179<br>GATEWAY STATUS | .187 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms180<br>GATEWAY STATUS | .188 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms181<br>GATEWAY STATUS | .189 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms182<br>GATEWAY STATUS | .190 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms183<br>GATEWAY STATUS | .191 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms184<br>GATEWAY STATUS | .192 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms185<br>GATEWAY STATUS | .193 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms186<br>GATEWAY STATUS | .194 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms187<br>GATEWAY STATUS | .195 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms188<br>GATEWAY STATUS | .196 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms189<br>GATEWAY STATUS | .197 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms190<br>GATEWAY STATUS | .198 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms191<br>GATEWAY STATUS | .199 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms192<br>GATEWAY STATUS | .200 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms193<br>GATEWAY STATUS | .201 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms194<br>GATEWAY STATUS | .202 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms195<br>GATEWAY STATUS | .203 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms196<br>GATEWAY STATUS | .204 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms197<br>GATEWAY STATUS | .205 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms198<br>GATEWAY STATUS | .206 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms199<br>GATEWAY STATUS | .207 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms200<br>GATEWAY STATUS | .208 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms201<br>GATEWAY STATUS | .209 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms202<br>GATEWAY STATUS | .210 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms203<br>GATEWAY STATUS | .211 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms204<br>GATEWAY STATUS | .212 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms205<br>GATEWAY STATUS | .213 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms206<br>GATEWAY STATUS | .214 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms207<br>GATEWAY STATUS | .215 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms208<br>GATEWAY STATUS | .216 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms209<br>GATEWAY STATUS | .217 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms210<br>GATEWAY STATUS | .218 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms211<br>GATEWAY STATUS | .219 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms212<br>GATEWAY STATUS | .220 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms213<br>GATEWAY STATUS | .221 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms214<br>GATEWAY STATUS | .222 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms215<br>GATEWAY STATUS | .223 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms216<br>GATEWAY STATUS | .224 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms217<br>GATEWAY STATUS | .225 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms218<br>GATEWAY STATUS | .226 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms219<br>GATEWAY STATUS | .227 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms220<br>GATEWAY STATUS | .228 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms221<br>GATEWAY STATUS | .229 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms222<br>GATEWAY STATUS | .230 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms223<br>GATEWAY STATUS | .231 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms224<br>GATEWAY STATUS | .232 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms225<br>GATEWAY STATUS | .233 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms226<br>GATEWAY STATUS | .234 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms227<br>GATEWAY STATUS | .235 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms228<br>GATEWAY STATUS | .236 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms229<br>GATEWAY STATUS | .237 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms230<br>GATEWAY STATUS | .238 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms231<br>GATEWAY STATUS | .239 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms232<br>GATEWAY STATUS | .240 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms233<br>GATEWAY STATUS | .241 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms234<br>GATEWAY STATUS | .242 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms235<br>GATEWAY STATUS | .243 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms236<br>GATEWAY STATUS | .244 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms237<br>GATEWAY STATUS | .245 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms238<br>GATEWAY STATUS | .246 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms239<br>GATEWAY STATUS | .247 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms240<br>GATEWAY STATUS | .248 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms241<br>GATEWAY STATUS | .249 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms242<br>GATEWAY STATUS | .250 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms243<br>GATEWAY STATUS | .251 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

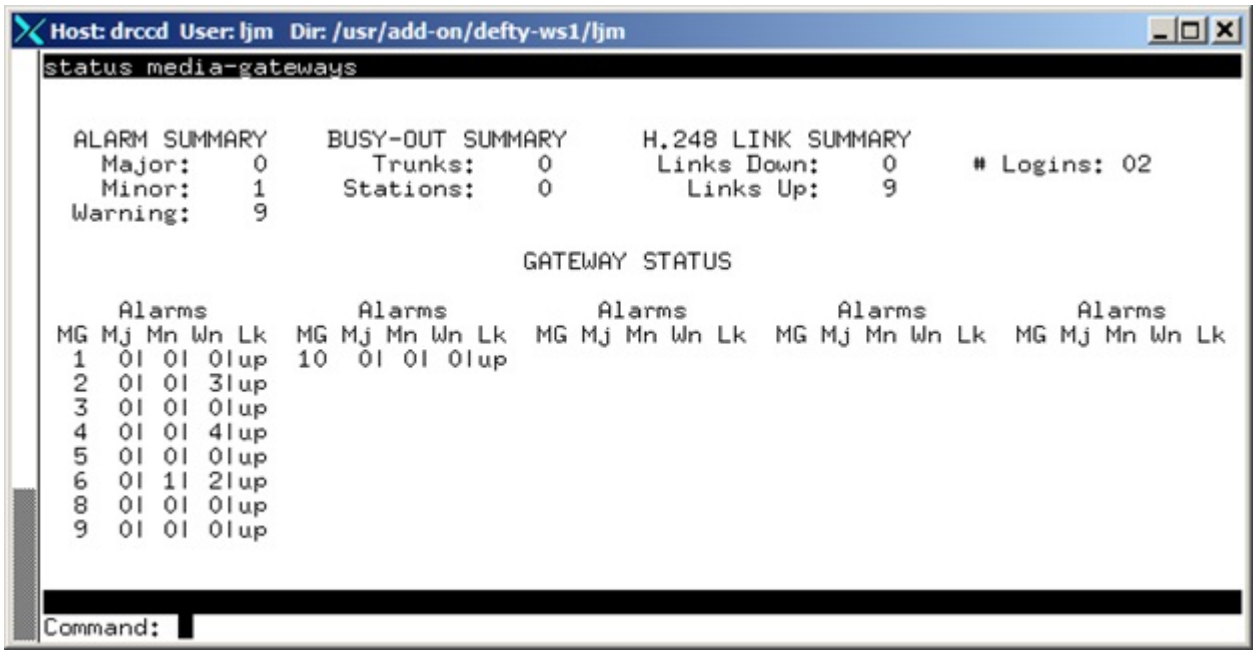
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms244<br>GATEWAY STATUS | .252 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms245<br>GATEWAY STATUS | .253 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms246<br>GATEWAY STATUS | .254 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms247<br>GATEWAY STATUS | .255 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedGatewayAlarms248<br>GATEWAY STATUS | .256 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms249<br>GATEWAY STATUS | .257 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |
| avCmStatusMedGatewayAlarms250<br>GATEWAY STATUS | .258 | R | Integer32 (0..9999) | Assigned Ports | An object containing the status of the first set of eight media gateways, including the number of major alarms, minor alarms, warnings, and the H.248 link status for each specific media gateway number. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt   avCmStatusMedGateway
avCmStatusMedGatewayAlmMajor.0 = INTEGER: 0
avCmStatusMedGatewayAlmMinor.0 = INTEGER: 1
avCmStatusMedGatewayAlmWarning.0 = INTEGER: 9
avCmStatusMedGatewayBusyOutTrunks.0 = INTEGER: 0
avCmStatusMedGatewayBusyOutStations.0 = INTEGER: 0
avCmStatusMedGatewayH248LinksDown.0 = INTEGER: 0
avCmStatusMedGatewayH248LinksUp.0 = INTEGER: 9
avCmStatusMedGatewayNbrLogins.0 = INTEGER: 2
avCmStatusMedGatewayAlarms1.0 = STRING: MG 1  Mj  0 Mn  0 Wn  0 Lk up
avCmStatusMedGatewayAlarms2.0 = STRING: MG 2  Mj  0 Mn  0 Wn  3 Lk up
avCmStatusMedGatewayAlarms3.0 = STRING: MG 3  Mj  0 Mn  0 Wn  0 Lk up
avCmStatusMedGatewayAlarms4.0 = STRING: MG 4  Mj  0 Mn  0 Wn  4 Lk up
avCmStatusMedGatewayAlarms5.0 = STRING: MG 5  Mj  0 Mn  0 Wn  0 Lk up
avCmStatusMedGatewayAlarms6.0 = STRING: MG 6  Mj  0 Mn  1 Wn  2 Lk up
avCmStatusMedGatewayAlarms7.0 = STRING: MG 8  Mj  0 Mn  0 Wn  0 Lk up
avCmStatusMedGatewayAlarms8.0 = STRING: MG 9  Mj  0 Mn  0 Wn  0 Lk up
avCmStatusMedGatewayAlarms9.0 = STRING: MG 10  Mj  0 Mn  0 Wn  0 Lk up
avCmStatusMedGatewayAlarms10.0 = STRING:
avCmStatusMedGatewayAlarms11.0 = STRING:
avCmStatusMedGatewayAlarms12.0 = STRING:
avCmStatusMedGatewayAlarms13.0 = STRING:
avCmStatusMedGatewayAlarms14.0 = STRING:
avCmStatusMedGatewayAlarms15.0 = STRING:
avCmStatusMedGatewayAlarms16.0 = STRING:
avCmStatusMedGatewayAlarms17.0 = STRING:
avCmStatusMedGatewayAlarms18.0 = STRING:
avCmStatusMedGatewayAlarms19.0 = STRING:
avCmStatusMedGatewayAlarms20.0 = STRING:
avCmStatusMedGatewayAlarms21.0 = STRING:
avCmStatusMedGatewayAlarms22.0 = STRING:
avCmStatusMedGatewayAlarms23.0 = STRING:
avCmStatusMedGatewayAlarms24.0 = STRING:
avCmStatusMedGatewayAlarms25.0 = STRING:
```

```
avCmStatusMedGatewayAlarms26.0 = STRING:
avCmStatusMedGatewayAlarms27.0 = STRING:
avCmStatusMedGatewayAlarms28.0 = STRING:
avCmStatusMedGatewayAlarms29.0 = STRING:
avCmStatusMedGatewayAlarms30.0 = STRING:
avCmStatusMedGatewayAlarms31.0 = STRING:
avCmStatusMedGatewayAlarms32.0 = STRING:
avCmStatusMedGatewayAlarms33.0 = STRING:
avCmStatusMedGatewayAlarms34.0 = STRING:
avCmStatusMedGatewayAlarms35.0 = STRING:
avCmStatusMedGatewayAlarms36.0 = STRING:
avCmStatusMedGatewayAlarms37.0 = STRING:
avCmStatusMedGatewayAlarms38.0 = STRING:
avCmStatusMedGatewayAlarms39.0 = STRING:
avCmStatusMedGatewayAlarms40.0 = STRING:
avCmStatusMedGatewayAlarms41.0 = STRING:
avCmStatusMedGatewayAlarms42.0 = STRING:
avCmStatusMedGatewayAlarms43.0 = STRING:
avCmStatusMedGatewayAlarms44.0 = STRING:
avCmStatusMedGatewayAlarms45.0 = STRING:
avCmStatusMedGatewayAlarms46.0 = STRING:
avCmStatusMedGatewayAlarms47.0 = STRING:
avCmStatusMedGatewayAlarms48.0 = STRING:
avCmStatusMedGatewayAlarms49.0 = STRING:
avCmStatusMedGatewayAlarms50.0 = STRING:
avCmStatusMedGatewayAlarms51.0 = STRING:
avCmStatusMedGatewayAlarms52.0 = STRING:
avCmStatusMedGatewayAlarms53.0 = STRING:
avCmStatusMedGatewayAlarms54.0 = STRING:
avCmStatusMedGatewayAlarms55.0 = STRING:
avCmStatusMedGatewayAlarms56.0 = STRING:
avCmStatusMedGatewayAlarms57.0 = STRING:
avCmStatusMedGatewayAlarms58.0 = STRING:
avCmStatusMedGatewayAlarms59.0 = STRING:
avCmStatusMedGatewayAlarms60.0 = STRING:
avCmStatusMedGatewayAlarms61.0 = STRING:
avCmStatusMedGatewayAlarms62.0 = STRING:
avCmStatusMedGatewayAlarms63.0 = STRING:
avCmStatusMedGatewayAlarms64.0 = STRING:
avCmStatusMedGatewayAlarms65.0 = STRING:
avCmStatusMedGatewayAlarms66.0 = STRING:
avCmStatusMedGatewayAlarms67.0 = STRING:
avCmStatusMedGatewayAlarms68.0 = STRING:
avCmStatusMedGatewayAlarms69.0 = STRING:
avCmStatusMedGatewayAlarms70.0 = STRING:
avCmStatusMedGatewayAlarms71.0 = STRING:
avCmStatusMedGatewayAlarms72.0 = STRING:
avCmStatusMedGatewayAlarms73.0 = STRING:
avCmStatusMedGatewayAlarms74.0 = STRING:
avCmStatusMedGatewayAlarms75.0 = STRING:
avCmStatusMedGatewayAlarms76.0 = STRING:
avCmStatusMedGatewayAlarms77.0 = STRING:
avCmStatusMedGatewayAlarms78.0 = STRING:
avCmStatusMedGatewayAlarms79.0 = STRING:
avCmStatusMedGatewayAlarms80.0 = STRING:
avCmStatusMedGatewayAlarms81.0 = STRING:
avCmStatusMedGatewayAlarms82.0 = STRING:
avCmStatusMedGatewayAlarms83.0 = STRING:
avCmStatusMedGatewayAlarms84.0 = STRING:
avCmStatusMedGatewayAlarms85.0 = STRING:
avCmStatusMedGatewayAlarms86.0 = STRING:
avCmStatusMedGatewayAlarms87.0 = STRING:
avCmStatusMedGatewayAlarms88.0 = STRING:
avCmStatusMedGatewayAlarms89.0 = STRING:
avCmStatusMedGatewayAlarms90.0 = STRING:
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avCmStatusMedGatewayAlarms91.0 = STRING:
avCmStatusMedGatewayAlarms92.0 = STRING:
avCmStatusMedGatewayAlarms93.0 = STRING:
avCmStatusMedGatewayAlarms94.0 = STRING:
avCmStatusMedGatewayAlarms95.0 = STRING:
avCmStatusMedGatewayAlarms96.0 = STRING:
avCmStatusMedGatewayAlarms97.0 = STRING:
avCmStatusMedGatewayAlarms98.0 = STRING:
avCmStatusMedGatewayAlarms99.0 = STRING:
avCmStatusMedGatewayAlarms100.0 = STRING:
avCmStatusMedGatewayAlarms101.0 = STRING:
avCmStatusMedGatewayAlarms102.0 = STRING:
avCmStatusMedGatewayAlarms103.0 = STRING:
avCmStatusMedGatewayAlarms104.0 = STRING:
avCmStatusMedGatewayAlarms105.0 = STRING:
avCmStatusMedGatewayAlarms106.0 = STRING:
avCmStatusMedGatewayAlarms107.0 = STRING:
avCmStatusMedGatewayAlarms108.0 = STRING:
avCmStatusMedGatewayAlarms109.0 = STRING:
avCmStatusMedGatewayAlarms110.0 = STRING:
avCmStatusMedGatewayAlarms111.0 = STRING:
avCmStatusMedGatewayAlarms112.0 = STRING:
avCmStatusMedGatewayAlarms113.0 = STRING:
avCmStatusMedGatewayAlarms114.0 = STRING:
avCmStatusMedGatewayAlarms115.0 = STRING:
avCmStatusMedGatewayAlarms116.0 = STRING:
avCmStatusMedGatewayAlarms117.0 = STRING:
avCmStatusMedGatewayAlarms118.0 = STRING:
avCmStatusMedGatewayAlarms119.0 = STRING:
avCmStatusMedGatewayAlarms120.0 = STRING:
avCmStatusMedGatewayAlarms121.0 = STRING:
avCmStatusMedGatewayAlarms122.0 = STRING:
avCmStatusMedGatewayAlarms123.0 = STRING:
avCmStatusMedGatewayAlarms124.0 = STRING:
avCmStatusMedGatewayAlarms125.0 = STRING:
avCmStatusMedGatewayAlarms126.0 = STRING:
avCmStatusMedGatewayAlarms127.0 = STRING:
avCmStatusMedGatewayAlarms128.0 = STRING:
avCmStatusMedGatewayAlarms129.0 = STRING:
avCmStatusMedGatewayAlarms130.0 = STRING:
avCmStatusMedGatewayAlarms131.0 = STRING:
avCmStatusMedGatewayAlarms132.0 = STRING:
avCmStatusMedGatewayAlarms133.0 = STRING:
avCmStatusMedGatewayAlarms134.0 = STRING:
avCmStatusMedGatewayAlarms135.0 = STRING:
avCmStatusMedGatewayAlarms136.0 = STRING:
avCmStatusMedGatewayAlarms137.0 = STRING:
avCmStatusMedGatewayAlarms138.0 = STRING:
avCmStatusMedGatewayAlarms139.0 = STRING:
avCmStatusMedGatewayAlarms140.0 = STRING:
avCmStatusMedGatewayAlarms141.0 = STRING:
avCmStatusMedGatewayAlarms142.0 = STRING:
avCmStatusMedGatewayAlarms143.0 = STRING:
avCmStatusMedGatewayAlarms144.0 = STRING:
avCmStatusMedGatewayAlarms145.0 = STRING:
avCmStatusMedGatewayAlarms146.0 = STRING:
avCmStatusMedGatewayAlarms147.0 = STRING:
avCmStatusMedGatewayAlarms148.0 = STRING:
avCmStatusMedGatewayAlarms149.0 = STRING:
avCmStatusMedGatewayAlarms150.0 = STRING:
avCmStatusMedGatewayAlarms151.0 = STRING:
avCmStatusMedGatewayAlarms152.0 = STRING:
avCmStatusMedGatewayAlarms153.0 = STRING:
avCmStatusMedGatewayAlarms154.0 = STRING:
avCmStatusMedGatewayAlarms155.0 = STRING:
```

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avCmStatusMedGatewayAlarms156.0 = STRING:
avCmStatusMedGatewayAlarms157.0 = STRING:
avCmStatusMedGatewayAlarms158.0 = STRING:
avCmStatusMedGatewayAlarms159.0 = STRING:
avCmStatusMedGatewayAlarms160.0 = STRING:
avCmStatusMedGatewayAlarms161.0 = STRING:
avCmStatusMedGatewayAlarms162.0 = STRING:
avCmStatusMedGatewayAlarms163.0 = STRING:
avCmStatusMedGatewayAlarms164.0 = STRING:
avCmStatusMedGatewayAlarms165.0 = STRING:
avCmStatusMedGatewayAlarms166.0 = STRING:
avCmStatusMedGatewayAlarms167.0 = STRING:
avCmStatusMedGatewayAlarms168.0 = STRING:
avCmStatusMedGatewayAlarms169.0 = STRING:
avCmStatusMedGatewayAlarms170.0 = STRING:
avCmStatusMedGatewayAlarms171.0 = STRING:
avCmStatusMedGatewayAlarms172.0 = STRING:
avCmStatusMedGatewayAlarms173.0 = STRING:
avCmStatusMedGatewayAlarms174.0 = STRING:
avCmStatusMedGatewayAlarms175.0 = STRING:
avCmStatusMedGatewayAlarms176.0 = STRING:
avCmStatusMedGatewayAlarms177.0 = STRING:
avCmStatusMedGatewayAlarms178.0 = STRING:
avCmStatusMedGatewayAlarms179.0 = STRING:
avCmStatusMedGatewayAlarms180.0 = STRING:
avCmStatusMedGatewayAlarms181.0 = STRING:
avCmStatusMedGatewayAlarms182.0 = STRING:
avCmStatusMedGatewayAlarms183.0 = STRING:
avCmStatusMedGatewayAlarms184.0 = STRING:
avCmStatusMedGatewayAlarms185.0 = STRING:
avCmStatusMedGatewayAlarms186.0 = STRING:
avCmStatusMedGatewayAlarms187.0 = STRING:
avCmStatusMedGatewayAlarms188.0 = STRING:
avCmStatusMedGatewayAlarms189.0 = STRING:
avCmStatusMedGatewayAlarms190.0 = STRING:
avCmStatusMedGatewayAlarms191.0 = STRING:
avCmStatusMedGatewayAlarms192.0 = STRING:
avCmStatusMedGatewayAlarms193.0 = STRING:
avCmStatusMedGatewayAlarms194.0 = STRING:
avCmStatusMedGatewayAlarms195.0 = STRING:
avCmStatusMedGatewayAlarms196.0 = STRING:
avCmStatusMedGatewayAlarms197.0 = STRING:
avCmStatusMedGatewayAlarms198.0 = STRING:
avCmStatusMedGatewayAlarms199.0 = STRING:
avCmStatusMedGatewayAlarms200.0 = STRING:
avCmStatusMedGatewayAlarms201.0 = STRING:
avCmStatusMedGatewayAlarms202.0 = STRING:
avCmStatusMedGatewayAlarms203.0 = STRING:
avCmStatusMedGatewayAlarms204.0 = STRING:
avCmStatusMedGatewayAlarms205.0 = STRING:
avCmStatusMedGatewayAlarms206.0 = STRING:
avCmStatusMedGatewayAlarms207.0 = STRING:
avCmStatusMedGatewayAlarms208.0 = STRING:
avCmStatusMedGatewayAlarms209.0 = STRING:
avCmStatusMedGatewayAlarms210.0 = STRING:
avCmStatusMedGatewayAlarms211.0 = STRING:
avCmStatusMedGatewayAlarms212.0 = STRING:
avCmStatusMedGatewayAlarms213.0 = STRING:
avCmStatusMedGatewayAlarms214.0 = STRING:
avCmStatusMedGatewayAlarms215.0 = STRING:
avCmStatusMedGatewayAlarms216.0 = STRING:
avCmStatusMedGatewayAlarms217.0 = STRING:
avCmStatusMedGatewayAlarms218.0 = STRING:
avCmStatusMedGatewayAlarms219.0 = STRING:
avCmStatusMedGatewayAlarms220.0 = STRING:
```

```
avCmStatusMedGatewayAlarms221.0 = STRING:
avCmStatusMedGatewayAlarms222.0 = STRING:
avCmStatusMedGatewayAlarms223.0 = STRING:
avCmStatusMedGatewayAlarms224.0 = STRING:
avCmStatusMedGatewayAlarms225.0 = STRING:
avCmStatusMedGatewayAlarms226.0 = STRING:
avCmStatusMedGatewayAlarms227.0 = STRING:
avCmStatusMedGatewayAlarms228.0 = STRING:
avCmStatusMedGatewayAlarms229.0 = STRING:
avCmStatusMedGatewayAlarms230.0 = STRING:
avCmStatusMedGatewayAlarms231.0 = STRING:
avCmStatusMedGatewayAlarms232.0 = STRING:
avCmStatusMedGatewayAlarms233.0 = STRING:
avCmStatusMedGatewayAlarms234.0 = STRING:
avCmStatusMedGatewayAlarms235.0 = STRING:
avCmStatusMedGatewayAlarms236.0 = STRING:
avCmStatusMedGatewayAlarms237.0 = STRING:
avCmStatusMedGatewayAlarms238.0 = STRING:
avCmStatusMedGatewayAlarms239.0 = STRING:
avCmStatusMedGatewayAlarms240.0 = STRING:
avCmStatusMedGatewayAlarms241.0 = STRING:
avCmStatusMedGatewayAlarms242.0 = STRING:
avCmStatusMedGatewayAlarms243.0 = STRING:
avCmStatusMedGatewayAlarms244.0 = STRING:
avCmStatusMedGatewayAlarms245.0 = STRING:
avCmStatusMedGatewayAlarms246.0 = STRING:
avCmStatusMedGatewayAlarms247.0 = STRING:
avCmStatusMedGatewayAlarms248.0 = STRING:
avCmStatusMedGatewayAlarms249.0 = STRING:
avCmStatusMedGatewayAlarms250.0 = STRING:
```

# avCmListIpUnregistered

| MIB group name | OID | Type |
|---|---|---|
| avCmListIpUnregistered Group | enterprises.6889.2.73.8.1.48 | Table |

### Description

The avCmListIpUnregistered MIB Group uses the "list multimedia ip-unregistered" command to retrieve unregistered end-point data.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| | Bash<br>SAT<br>Bash/SAT | `list multimedia ip-unregistered` | UNREGISTERED IP TELEPHONES |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

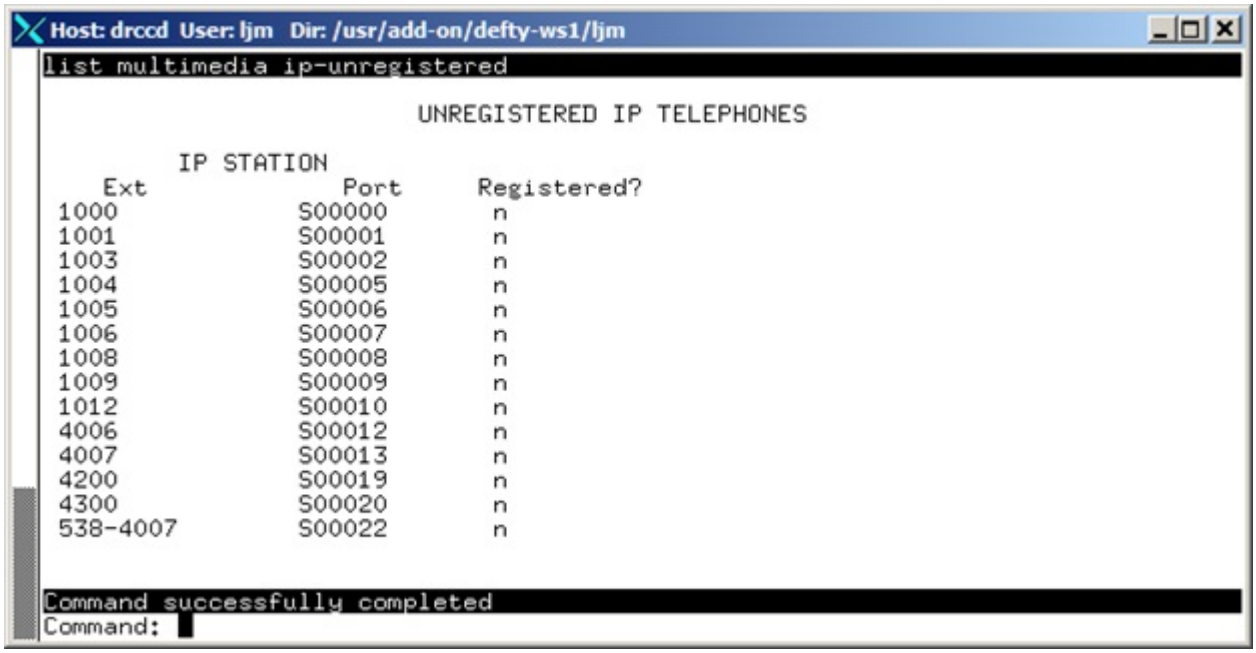
### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | .1 | n/a | SEQUENCE OF AvCmListIpUnregisteredEntry | n/a | An object that contains a list of the avCmListIpUnregistered entries. |
| | .1.1 | n/a | AvCmListMedGatewayEntry | n/a | A avCmListIpUnregistered entry containing objects of the avCmListIpUnregistered information sent by the switch. |
| | .1.1.1 | n/a | SnmpAdminString (SIZE (0..17)) | n/a | An object that identifies each increment of data. |
| UNREGISTERED IP TELEPHONES | .1.1.2 | R | SnmpAdminString (SIZE (0..17)) | Extension | An object that contains the extension. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| UNREGISTERED IP TELEPHONES | .1.1.3 | R | SnmpAdminString (SIZE (0..9)) | Port | An object containing the Port of the unregistered endpoint. |
| UNREGISTERED IP TELEPHONES | .1.1.4 | R | SnmpAdminString (SIZE (0..17)) | Registered | An object containing a 'y' or 'n' value indicating whether the end-point is registered. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmListIpUnregistered
avCmListIpUnregisteredExtension."1000" = STRING: 1000
avCmListIpUnregisteredExtension."1001" = STRING: 1001
avCmListIpUnregisteredExtension."1003" = STRING: 1003
avCmListIpUnregisteredExtension."1004" = STRING: 1004
avCmListIpUnregisteredExtension."1005" = STRING: 1005
avCmListIpUnregisteredExtension."1006" = STRING: 1006
avCmListIpUnregisteredExtension."1008" = STRING: 1008
avCmListIpUnregisteredExtension."1009" = STRING: 1009
avCmListIpUnregisteredExtension."1012" = STRING: 1012
avCmListIpUnregisteredExtension."4006" = STRING: 4006
avCmListIpUnregisteredExtension."4007" = STRING: 4007
avCmListIpUnregisteredExtension."4200" = STRING: 4200
avCmListIpUnregisteredExtension."4300" = STRING: 4300
avCmListIpUnregisteredExtension."5384007" = STRING: 538-4007
avCmListIpUnregisteredPort."1000" = STRING: S00000
avCmListIpUnregisteredPort."1001" = STRING: S00001
```

```
avCmListIpUnregisteredPort."1003" = STRING: S00002
avCmListIpUnregisteredPort."1004" = STRING: S00005
avCmListIpUnregisteredPort."1005" = STRING: S00006
avCmListIpUnregisteredPort."1006" = STRING: S00007
avCmListIpUnregisteredPort."1008" = STRING: S00008
avCmListIpUnregisteredPort."1009" = STRING: S00009
avCmListIpUnregisteredPort."1012" = STRING: S00010
avCmListIpUnregisteredPort."4006" = STRING: S00012
avCmListIpUnregisteredPort."4007" = STRING: S00013
avCmListIpUnregisteredPort."4200" = STRING: S00019
avCmListIpUnregisteredPort."4300" = STRING: S00020
avCmListIpUnregisteredPort."5384007" = STRING: S00022
avCmListIpUnregisteredRegistered."1000" = STRING: n
avCmListIpUnregisteredRegistered."1001" = STRING: n
avCmListIpUnregisteredRegistered."1003" = STRING: n
avCmListIpUnregisteredRegistered."1004" = STRING: n
avCmListIpUnregisteredRegistered."1005" = STRING: n
avCmListIpUnregisteredRegistered."1006" = STRING: n
avCmListIpUnregisteredRegistered."1008" = STRING: n
avCmListIpUnregisteredRegistered."1009" = STRING: n
avCmListIpUnregisteredRegistered."1012" = STRING: n
avCmListIpUnregisteredRegistered."4006" = STRING: n
avCmListIpUnregisteredRegistered."4007" = STRING: n
avCmListIpUnregisteredRegistered."4200" = STRING: n
avCmListIpUnregisteredRegistered."4300" = STRING: n
avCmListIpUnregisteredRegistered."5384007" = STRING: n
```

# avCmListSurvProcess

| MIB group name | OID | Type |
|---|---|---|
| avCmListSurvProcess Group | enterprises.6889.2.73.8.1.49 | Table |

### Description

The avCmListSurvProcess MIB Group uses the **`list survivable-processor`** command to retrieve survivable-processor data.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListSurvProcess Group | SAT | `list survivable-processor` | SURVIVABLE PROCESSORS |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

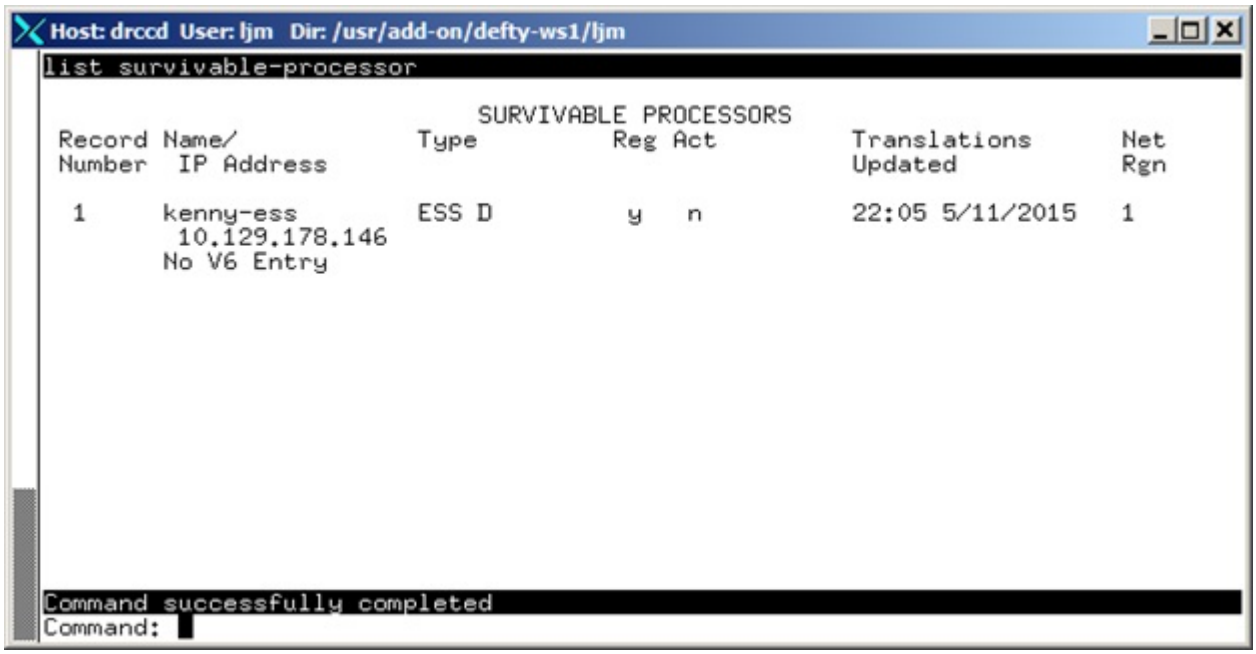
### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| Form/Report name | | | | | |
| avCmListSurvProcessTable | .1 | n/a | SEQUENCE OF AvCmListSurvProcessEntry | n/a | A list of the avCmListSurvProcess entries |
| | | | | | |
| avCmListSurvProcessEntry | .1.1 | n/a | Integer32 (0..9999) | n/a | A avCmListSurvProcess entry containing objects of the avCmListSurvProcess information sent by the switch. |
| | | | | | |
| avCmListSurvProcessNumIdx | .1.1.1 | n/a | Integer32 (0..9999) | n/a | An object that identifies each increment of data. |
| a | | | | | |
| avCmListSurvProcessNumber | .1.1.2 | R | Integer32 (0..9999) | Number | An object that contains the record number. |
| SURVIVABLE PROCESSORS | | | | | |
| avCmListSurvProcessName | .1.1.3 | R | SnmpAdminString (SIZE (0..16)) | Name | An object containing the name of the survivable processor. |
| SURVIVABLE PROCESSORS | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListSurvProcessType<br>SURVIVABLE PROCESSORS | .1.1.4 | R | SnmpAdminString (SIZE (0..6)) | Type | An object containing the type of survivable processor. |
| avCmListSurvProcessReg<br>SURVIVABLE PROCESSORS | .1.1.5 | R | SnmpAdminString (SIZE (0..2)) | Reg | An object containing whether the survivable processor is registered. |
| avCmListSurvProcessAc<br>SURVIVABLE PROCESSORS | .1.1.6 | R | SnmpAdminString (SIZE (0..2)) | Act | An object containing whether the survivable processor is active. |
| avCmListSurvProcessTransUpdated<br>SURVIVABLE PROCESSORS | .1.1.7 | R | SnmpAdminString (SIZE (0..18)) | Translations Updated | An object containing when the survivable processor translations were last updated. |
| avCmListSurvProcessNetRgn<br>SURVIVABLE PROCESSORS | .1.1.8 | R | SnmpAdminString (SIZE (0..9999)) | Net Rgn | An object containing the network region the survivable processor is using. |
| avCmListSurvProcessIpAddress<br>SURVIVABLE PROCESSORS | .1.1.9 | R | SnmpAdminString (SIZE (0..41)) | IP Address | An object containing the IP address the survivable processor is using. |
| avCmListSurvProcessIPV6Name<br>SURVIVABLE PROCESSORS | .1.1.10 | R | SnmpAdminString (SIZE (0..16)) | IPV6 Address | An object containing the Name of the IPV6 address the survivable processor is using. |
| avCmListSurvProcessIPV6Address<br>SURVIVABLE PROCESSORS | .1.1.11 | R | SnmpAdminString (SIZE (0..41)) | IPV6 Address | An object containing the IPV6 address the survivable processor is using. |

### Sample output of forms




### Sample Output of SNMP Walk command:

```
server1> snmpwalk -v 2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-
MIB.txt avCmListSurvProcess
AVAYA-AURA-CM-MIB::avCmListSurvProcessNumber.1 = INTEGER: 1
AVAYA-AURA-CM-MIB::avCmListSurvProcessName.1 = STRING: kenny-ess
AVAYA-AURA-CM-MIB::avCmListSurvProcessType.1 = STRING: ESS D
AVAYA-AURA-CM-MIB::avCmListSurvProcessReg.1 = STRING: y
AVAYA-AURA-CM-MIB::avCmListSurvProcessAct.1 = STRING: n
AVAYA-AURA-CM-MIB::avCmListSurvProcessTransUpdated.1 = STRING: 10:04 6/24/2015
AVAYA-AURA-CM-MIB::avCmListSurvProcessNetRgn.1 = INTEGER: 1
AVAYA-AURA-CM-MIB::avCmListSurvProcessIpAddress.1 = STRING: 10.129.178.146
AVAYA-AURA-CM-MIB::avCmListSurvProcessIPV6Name.1 = STRING: No V6 Entry
AVAYA-AURA-CM-MIB::avCmListSurvProcessIPV6Address.1 = STRING:
```

# avCmDispSurvProcess

| MIB group name | OID | Type |
|---|---|---|
| avCmDispSurvProcess Group | enterprises.6889.2.73.8.1.50 | Table |

### Description

The avCmDispSurvProcess MIB Group uses the **`display survivable-processor`** command to retrieve survivable-processor data.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmDispSurvProcessGroup | SAT | `display survivable-processor` | SURVIVABLE PROCESSORS |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmDispSurvProcessTable | .1 | n/a | SEQUENCE OF avCmDispSurvProcessEntry | n/a | A Disp of the avCmDispSurvProcess entries |
| | | | | | |
| avCmDispSurvProcessEntry | .1.1 | n/a | Integer32 (0..9999) | n/a | A avCmDispSurvProcess entry containing objects of the avCmDispSurvProcessinformation sent by the switch. |
| | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmDispSurvProcessNameIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..16)) | n/a | An object that identifies each increment of data. |
| | | | | | |
| avCmDispSurvProcessNodeName | .1.1.2 | R | SnmpAdminString (SIZE (0..16)) | Name | An object that contains the name of the survivable processor. |
| SURVIVABLE PROCESSORS | | | | | |
| avCmDispSurvProcessType | .1.1.3 | R | SnmpAdminString (SIZE (0..13)) | Type | An object containing the name of the survivable processor. |
| SURVIVABLE PROCESSORS | | | | | |
| avCmDispSurvProcessClusterId | .1.1.4 | R | InavCmDispSurvProcessClusterId | Cluster ID/MID | An object containing the cluster id or MID of the survivable processor. |
| SURVIVABLE PROCESSORS | | | | | |
| avCmDispSurvProcessActivesrvIP | .1.1.5 | R | SnmpAdminString (SIZE (0..41)) | ACTI Address | An object containing the survivable processor active IP address. |
| SURVIVABLE PROCESSORS | | | | | |
| avCmDispSurvProcessAID | .1.1.6 | R | Integer32 (0..999) | A Server ID | An object containing the survivable processor A server ID. |
| SURVIVABLE PROCESSORS | | | | | |
| avCmDispSurvProcessAnodename | .1.1.7 | R | SnmpAdminString (SIZE (0..16)) | SERVER A V4 Node Name | An object containing the survivable processor SERVER A V4 Node Name. |
| SURVIVABLE PROCESSORS | | | | | |
| avCmDispSurvProcessAIP | .1.1.8 | R | SnmpAdminString (SIZE (0..41)) | SERVER A V4 Address | An object containing the survivable processor SERVER A V4 IP Address. |
| SURVIVABLE PROCESSORS | | | | | |
| avCmDispSurvProcessBID | .1.1.9 | R | Integer32 (0..999) | B Server ID | An object containing the survivable processor B server ID. |
| SURVIVABLE PROCESSORS | | | | | |
| avCmDispSurvProcessBnodename | .1.1.10 | R | SnmpAdminString (SIZE (0..16)) | SERVER B V4 Node Name | An object containing the survivable processor SERVER B V4 Node Name. |
| SURVIVABLE PROCESSORS | | | | | |

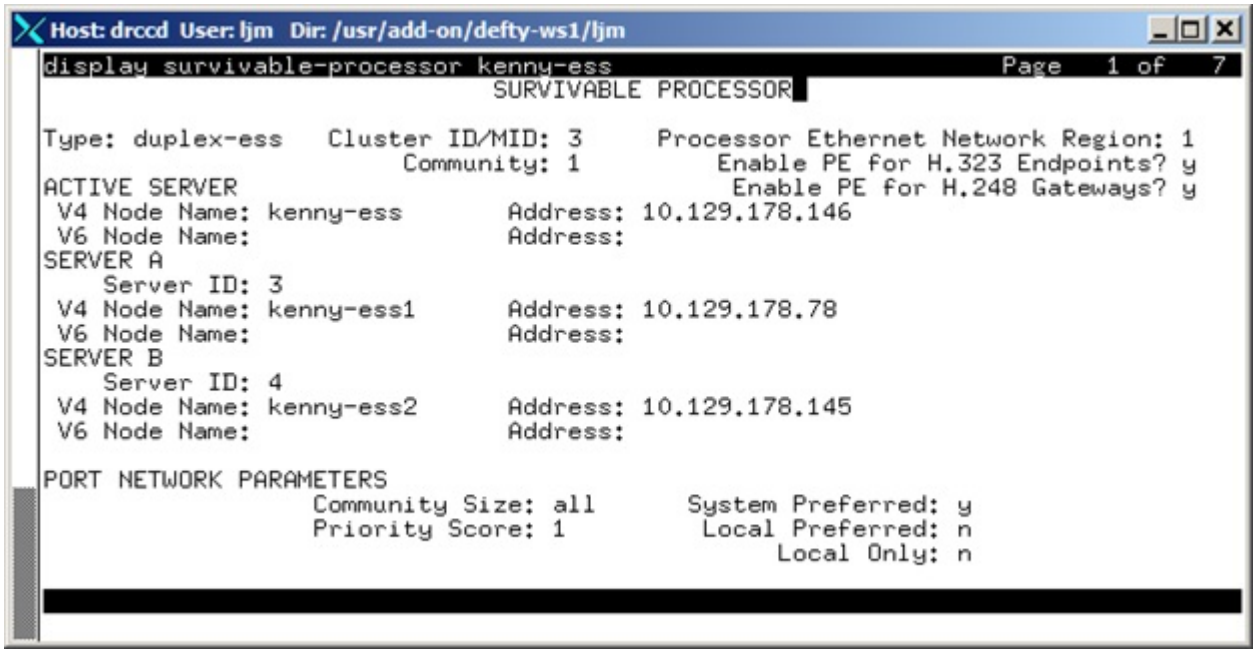
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmDispSurvProcessBIP<br>SURVIVABLE PROCESSORS | .1.1.1.1 | R | SnmpAdminString (SIZE (0..41)) | SERVER B V4 Address | An object containing the survivable processor SERVER B V4 IP Address. |
| avCmDispSurvProcessSystemPref<br>SURVIVABLE PROCESSORS | .1.1.1.2 | R | SnmpAdminString (SIZE (0..2)) | System Preferred | An object containing whether System Preferred enabled for the survivable processor. |
| avCmDispSurvProcessPriorityscore<br>SURVIVABLE PROCESSORS | .1.1.1.3 | R | Integer32 (0..100) | Priority Score | An object containing the Priority Score for the survivable processor. |
| avCmDispSurvProcessLocalPref<br>SURVIVABLE PROCESSORS | .1.1.1.4 | R | SnmpAdminString (SIZE (0..2)) | Local Preferred | An object containing whether Local Preferred enabledfor the survivable processor. |
| avCmDispSurvProcessLocalOnly<br>SURVIVABLE PROCESSORS | .1.1.1.5 | R | SnmpAdminString (SIZE (0..2)) | Local Only | An object containing whether Local Only enabled for the survivable processor. |
| avCmDispSurvProcessV6NodeName<br>SURVIVABLE PROCESSORS | .1.1.1.6 | R | SnmpAdminString (SIZE (0..16)) | V6 Node Name | An object containing the IPV6 Node Name for the survivable processor. |
| avCmDispSurvProcessV6IP<br>SURVIVABLE PROCESSORS | .1.1.1.7 | R | SnmpAdminString (SIZE (0..41)) | V6 Address | An object containing the IPV6 Address for the survivable processor. |
| avCmDispSurvProcessAV6NodeName<br>SURVIVABLE PROCESSORS | .1.1.1.8 | R | SnmpAdminString (SIZE (0..2)) | SERVER A V6 Node Name | An object containing the server A IPV6 Node Name for the survivable processor. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmDispSurvProcessAV6IP<br>SURVIVABLE PROCESSORS | .1.1.19 | R | SnmpAdminString (SIZE (0..41)) | SERVER B V6 Address | An object containing the server A IPV6 Address for the survivable processor. |
| avCmDispSurvProcessBV6NodeName<br>SURVIVABLE PROCESSORS | .1.1.20 | R | SnmpAdminString (SIZE (0..16)) | SERVER B V6 Node Name | SERVER B V6 Address for the survivable processor. |
| avCmDispSurvProcessBV6IP<br>SURVIVABLE PROCESSORS | .1.1.21 | R | SnmpAdminString (SIZE (0..41)) | SERVER B V6 Address | SERVER B V6 Address for the survivable processor. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmDispSurvProcess
266
avCmDispSurvProcessNodeName."kenny-ess" = STRING: kenny-ess
avCmDispSurvProcessType."kenny-ess" = STRING: duplex-ess
avCmDispSurvProcessClusterId."kenny-ess" = INTEGER: 3
avCmDispSurvProcessActivesrvIP."kenny-ess" = STRING: 10.129.178.146
avCmDispSurvProcessAID."kenny-ess" = INTEGER: 3
avCmDispSurvProcessAnodename."kenny-ess" = STRING: kenny-ess1
avCmDispSurvProcessAIP."kenny-ess" = STRING: 10.129.178.78
avCmDispSurvProcessBID."kenny-ess" = INTEGER: 4
```

```
avCmDispSurvProcessBnodename."kenny-ess" = STRING: kenny-ess2
avCmDispSurvProcessBIP."kenny-ess" = STRING: 10.129.178.145
avCmDispSurvProcessSystemPref."kenny-ess" = STRING: y
avCmDispSurvProcessPriorityscore."kenny-ess" = INTEGER: 1
avCmDispSurvProcessLocalPref."kenny-ess" = STRING: n
avCmDispSurvProcessLocalOnly."kenny-ess" = STRING: n
avCmDispSurvProcessV6NodeName."kenny-ess" = STRING:
avCmDispSurvProcessV6IP."kenny-ess" = STRING:
avCmDispSurvProcessAV6NodeName."kenny-ess" = STRING:
avCmDispSurvProcessAV6IP."kenny-ess" = STRING:
avCmDispSurvProcessBV6NodeName."kenny-ess" = STRING:
avCmDispSurvProcessBV6IP."kenny-ess" = STRING:
```

# avCmListNodeNamesAll

| MIB group name | OID | Type |
|---|---|---|
| **avCmListNodeNamesAll Group** | enterprises.6889.2.73.8.1.51 | Table |

### Description

The avCmListNodeNamesAll MIB Group uses "list node-names all" command retrieve node name data.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration

Performance/Utilization

### Polling Interval

No more than every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Time-out should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| **avCmListNodeNamesAll Group** | SAT | list node-names all | NODE NAMES |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

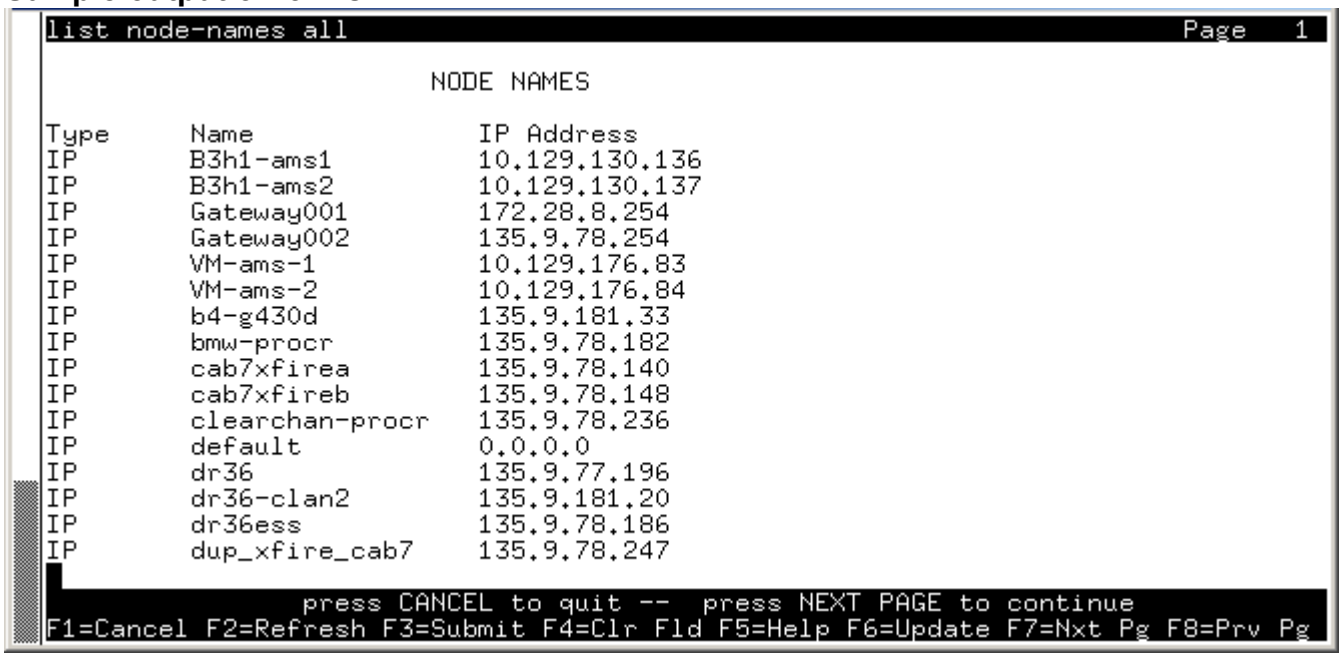
### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **avCmListNodeNamesAllTable**<br>SYSTEM CAPACITY | .1 | R | SEQUENCE OF AvCmListNodeNamesAllEntry | Groups/Splits/Skills | An object that contains the number of available Groups/ Splits/Skills. |
| **avCmListNodeNamesAllEntry**<br>SYSTEM CAPACITY | .1.1 | R | AvCmListNodeNamesAllEntry | Groups/Splits/Skills | An object that contains the system limit of Groups/ Splits/Skills. |
| **avCmListNodeNamesAllNameIdx**<br>SYSTEM CAPACITY | .1.1.1 | R | SnmpAdminString (SIZE (0..16)) | Administered Logical Agents | An object that contains the number of used administered logical agents. |
| **avCmListNodeNamesAllName**<br>SYSTEM CAPACITY | .1.1.2 | R | SnmpAdminString (SIZE (0..16)) | Administered Logical Agents | An object that contains the number of available administered logical agents. |
| **avCmListNodeNamesAllType**<br>SYSTEM CAPACITY | .1.1.3 | R | SnmpAdminString (SIZE (0..6)) | Administered Logical Agents | An object that contains the system limit of administered logical agents. |
| **avCmListNodeNamesAllIPAddress**<br>SYSTEM CAPACITY | .1.1.4 | R | SnmpAdminString (SIZE (0..41)) | Administered Logical Agent-Skill Pairs | An object that contains the number of used administered logical agent-skill pairs. |

### Sample output of forms



```
list node-names all                                                Page   1

                          NODE NAMES

Type      Name               IP Address
IP        B3h1-ams1          10.129.130.136
IP        B3h1-ams2          10.129.130.137
IP        Gateway001         172.28.8.254
IP        Gateway002         135.9.78.254
IP        VM-ams-1           10.129.176.83
IP        VM-ams-2           10.129.176.84
IP        b4-g430d           135.9.181.33
IP        bmw-procr          135.9.78.182
IP        cab7xfirea         135.9.78.140
IP        cab7xfireb         135.9.78.148
IP        clearchan-procr    135.9.78.236
IP        default            0.0.0.0
IP        dr36               135.9.77.196
IP        dr36-clan2         135.9.181.20
IP        dr36ess            135.9.78.186
IP        dup_xfire_cab7     135.9.78.247

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListNodeNamesAll
avCmListNodeNamesAllName."dr36" = STRING: dr36
avCmListNodeNamesAllName."hardy" = STRING: hardy
:
:
avCmListNodeNamesAllName."clearchan-procr" = STRING: clearchan-procr
avCmListNodeNamesAllType."dr36" = STRING: IP
avCmListNodeNamesAllType."hardy" = STRING: IP
:
:
avCmListNodeNamesAllType."clearchan-procr" = STRING: IP
avCmListNodeNamesAllIPAddress."dr36" = STRING: 135.9.77.196
avCmListNodeNamesAllIPAddress."hardy" = STRING: 135.9.78.202
:
:
avCmListNodeNamesAllIPAddress."clearchan-procr" = STRING: 135.9.78.236
```

# avCmListNodeNamesV4

| MIB group name | OID | Type |
|---|---|---|
| **avCmListNodeNamesV4 Group** | enterprises.6889.2.73.8.1.52 | Table |

### Description

The avCmListNodeNamesV4 Group MIB Group uses the "list node-names v4" command to retrieve IPV4 address node name data.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory

### Polling Interval

No more than every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Time-out should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| | SAT | list node-names v4 | NODE NAMES |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **avCmListNodeNamesV4Table**<br>SYSTEM CAPACITY | .1 | R | SEQUENCE OF AvCmListNodeNamesV4Entry | n/a | A list of the avCmListNodeNamesV4 entries. |
| **avCmListNodeNamesV4Entry**<br>SYSTEM CAPACITY | .1.1 | R | AvCmListNodeNamesV4Entry | n/a | A avCmListNodeNamesV4 entry containing objects of the avCmListNodeNam |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | esV4 information sent by the switch.. |
| **avCmCapacityCallVecMeetMeVdnUsed** | . 1.1.1 | R | SnmpAdminString (SIZE (0..16)) | n/a | An object that identifies each increment of data.. |
| | | | | | |
| **avCmCapacityHuntGrpsSpSkSysLim** | . 1.1.2 | R | SnmpAdminString (SIZE (0..16)) | Name | An object containing the Name of the node. |
| NODE NAMES | | | | | |
| **avCmCapacityHuntGrpsAdmLogAgtUsed** | . 1.1.3 | R | SnmpAdminString (SIZE (0..6)) | Type | An object containing the type of node name. |
| NODE NAMES | | | | | |
| **avCmListNodeNamesV4IPAddress** | . 1.1.4 | R | SnmpAdminString (SIZE (0..41)) | IP Address | An object containing either an IPV4 or IPV6 IP Address. |
| NODE NAMES | | | | | |

## Sample output of forms

```
list node-names v4                                              Page   1

                          NODE NAMES

Type      Name                IP Address
IP        B3h1-ams1           10.129.130.136
IP        B3h1-ams2           10.129.130.137
IP        Gateway001          172.28.8.254
IP        Gateway002          135.9.78.254
IP        VM-ams-1            10.129.176.83
IP        VM-ams-2            10.129.176.84
IP        b4-g430d            135.9.181.33
IP        bmw-procr           135.9.78.182
IP        cab7xfirea          135.9.78.140
IP        cab7xfireb          135.9.78.148
IP        clearchan-procr     135.9.78.236
IP        default             0.0.0.0
IP        dr36                135.9.77.196
IP        dr36-clan2          135.9.181.20
IP        dr36ess             135.9.78.186
IP        dup_xfire_cab7      135.9.78.247

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-AURA-CM-MIB.txt avCmListNodeNamesV4
avCmListNodeNamesV4Name."dr36" = STRING: dr36
avCmListNodeNamesV4Name."hardy" = STRING: hardy
:
:
avCmListNodeNamesV4Name."clearchan-procr" = STRING: clearchan-procr
avCmListNodeNamesV4Type."dr36" = STRING: IP
avCmListNodeNamesV4Type."hardy" = STRING: IP
```

```
:
:
avCmListNodeNamesV4Type."clearchan-procr" = STRING: IP
avCmListNodeNamesV4IPAddress."dr36" = STRING: 135.9.77.196
avCmListNodeNamesV4IPAddress."hardy" = STRING: 135.9.78.202
:
:
avCmListNodeNamesV4IPAddress."clearchan-procr" = STRING: 135.9.78.236
```

# avCmListNodeNamesV6

| MIB group name | OID | Type |
|---|---|---|
| avCmListNodeNamesV6 Group | enterprises.6889.2.73.8.1.53 | Table |

### Description

The avCmListNodeNamesV6 Group MIB Group uses the **`list node-names v6`** command to retrieve IPV6 address node name data.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory

### Polling Interval

No more than every 20 minutes.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Time-out should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| **`avCmListNodenNames V6Group`** | SAT | list node-names v6 | NODE NAMES |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

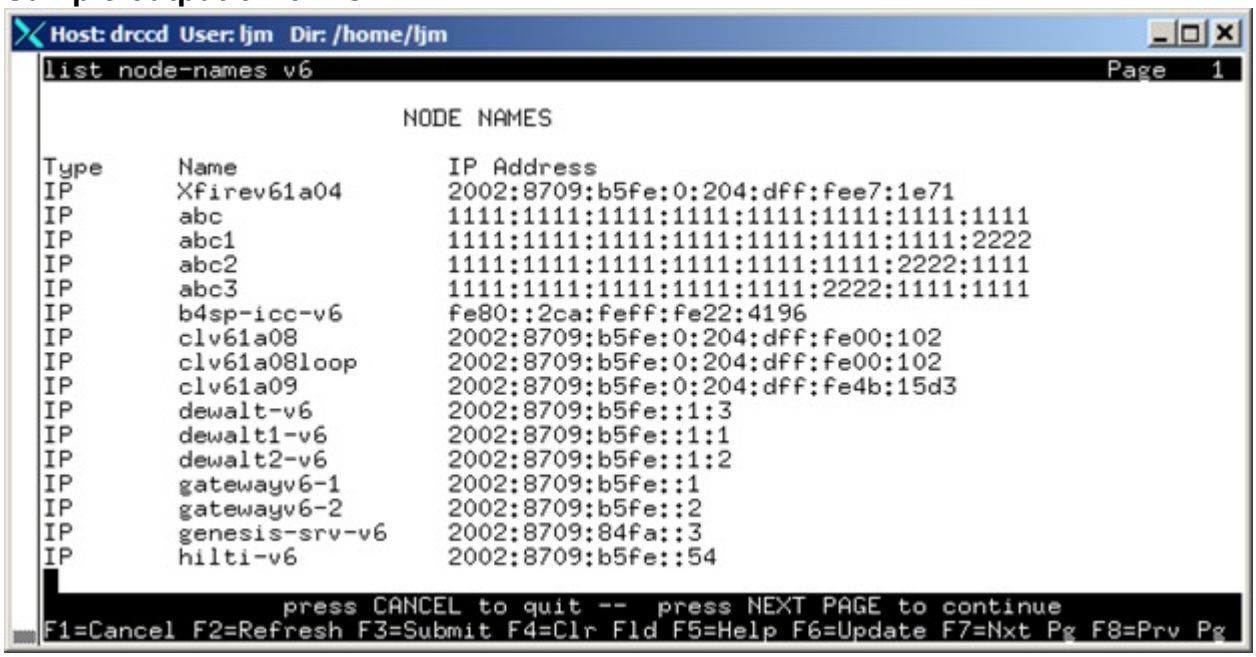
### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **avCmListNodeNamesV6Table**<br> | .1 | R | SEQUENCE OF AvCmListNodeNamesV6Entry | n/a | A list of the avCmListNodeNamesV6 entries. |
| **avCmListNodeNamesV4Entry**<br> | .1.1 | R | AvCmListNodeNamesV6Entry | n/a | A avCmListNodeNamesV6 entry containing objects of the avCmListNodeNamesV6 information sent by the switch. |
| **avCmCapacityCallVecMeetMeVdnUsed**<br> | .1.1.1 | R | SnmpAdminString (SIZE (0..16)) | n/a | An object that identifies each increment of data. |
| **avCmCapacityHuntGrpsSpSkSysLim**<br>NODE NAMES | .1.1.2 | R | SnmpAdminString (SIZE (0..16)) | Name | An object containing the Name of the node. |
| **avCmCapacityHuntGrpsAdmLogAgtUsed**<br>NODE NAMES | .1.1.3 | R | SnmpAdminString (SIZE (0..6)) | Type | An object containing the type of node name. |
| **avCmListNodeNamesV4IPAddress**<br>NODE NAMES | .1.1.4 | R | SnmpAdminString (SIZE (0..41)) | IP Address | An object containing either an IPV4 or IPV6 IP Address. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmListNodeNamesV6
avCmListNodeNamesV6Name."abc" = STRING: abc
avCmListNodeNamesV6Name."abc1" = STRING: abc1
avCmListNodeNamesV6Name."abc2" = STRING: abc2
avCmListNodeNamesV6Name."abc3" = STRING: abc3
avCmListNodeNamesV6Name."ppp1" = STRING: ppp1
avCmListNodeNamesV6Name."ppp2" = STRING: ppp2
avCmListNodeNamesV6Name."procr6" = STRING: procr6
avCmListNodeNamesV6Name."v6procr" = STRING: v6procr
avCmListNodeNamesV6Name."clv61a08" = STRING: clv61a08
avCmListNodeNamesV6Name."clv61a09" = STRING: clv61a09
avCmListNodeNamesV6Name."hilti-v6" = STRING: hilti-v6
avCmListNodeNamesV6Name."dewalt-v6" = STRING: dewalt-v6
avCmListNodeNamesV6Name."dewalt1-v6" = STRING: dewalt1-v6
avCmListNodeNamesV6Name."dewalt2-v6" = STRING: dewalt2-v6
avCmListNodeNamesV6Name."Xfirev61a04" = STRING: Xfirev61a04
avCmListNodeNamesV6Name."b4sp-icc-v6" = STRING: b4sp-icc-v6
avCmListNodeNamesV6Name."gatewayv6-1" = STRING: gatewayv6-1
avCmListNodeNamesV6Name."gatewayv6-2" = STRING: gatewayv6-2
avCmListNodeNamesV6Name."lzsw-procr6" = STRING: lzsw-procr6
avCmListNodeNamesV6Name."clv61a08loop" = STRING: clv61a08loop
avCmListNodeNamesV6Name."genesis-srv-v6" = STRING: genesis-srv-v6
avCmListNodeNamesV6Type."abc" = STRING: IP
avCmListNodeNamesV6Type."abc1" = STRING: IP
avCmListNodeNamesV6Type."abc2" = STRING: IP
avCmListNodeNamesV6Type."abc3" = STRING: IP
avCmListNodeNamesV6Type."ppp1" = STRING: IP
avCmListNodeNamesV6Type."ppp2" = STRING: IP
avCmListNodeNamesV6Type."procr6" = STRING: IP
avCmListNodeNamesV6Type."v6procr" = STRING: IP
avCmListNodeNamesV6Type."clv61a08" = STRING: IP
avCmListNodeNamesV6Type."clv61a09" = STRING: IP
avCmListNodeNamesV6Type."hilti-v6" = STRING: IP
avCmListNodeNamesV6Type."dewalt-v6" = STRING: IP
avCmListNodeNamesV6Type."dewalt1-v6" = STRING: IP
```

```
avCmListNodeNamesV6Type."dewalt2-v6" = STRING: IP
avCmListNodeNamesV6Type."Xfirev61a04" = STRING: IP
avCmListNodeNamesV6Type."b4sp-icc-v6" = STRING: IP
avCmListNodeNamesV6Type."gatewayv6-1" = STRING: IP
avCmListNodeNamesV6Type."gatewayv6-2" = STRING: IP
avCmListNodeNamesV6Type."lzsw-procr6" = STRING: IP
avCmListNodeNamesV6Type."clv61a08loop" = STRING: IP
avCmListNodeNamesV6Type."genesis-srv-v6" = STRING: IP
avCmListNodeNamesV6IPAddress."abc" = STRING: 1111:1111:1111:1111:1111:1111:1111:1111
avCmListNodeNamesV6IPAddress."abc1" = STRING: 1111:1111:1111:1111:1111:1111:1111:2222
avCmListNodeNamesV6IPAddress."abc2" = STRING: 1111:1111:1111:1111:1111:1111:2222:1111
avCmListNodeNamesV6IPAddress."abc3" = STRING: 1111:1111:1111:1111:1111:2222:1111:1111
avCmListNodeNamesV6IPAddress."ppp1" = STRING: 2002::5
avCmListNodeNamesV6IPAddress."ppp2" = STRING: 2002::6
avCmListNodeNamesV6IPAddress."procr6" = STRING: 2002:8709:b5fe::79
avCmListNodeNamesV6IPAddress."v6procr" = STRING: 2002:8709:b5fe::79
avCmListNodeNamesV6IPAddress."clv61a08" = STRING: 2002:8709:b5fe:0:204:dff:fe00:102
avCmListNodeNamesV6IPAddress."clv61a09" = STRING: 2002:8709:b5fe:0:204:dff:fe4b:15d3
```

# avCmListAnn

| MIB group name | OID | Type |
|---|---|---|
| avCmListAnn Group | enterprises.6889.2.73.8.1.54 | Table |

### Description

The avCmListAnn Group MIB Group uses the "list announcement" command to retrieve announcement data.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListAnn Group | SAT | `list announcement` | ANNOUNCEMENTS/ AUDIO SOURCES |

### Reference Document

A detailed description of the command and form can be found in the*Administering Avaya Aura*® *Communication Manager*, 03-300509 document. This document can be downloaded from http://support.avaya.com/document/.

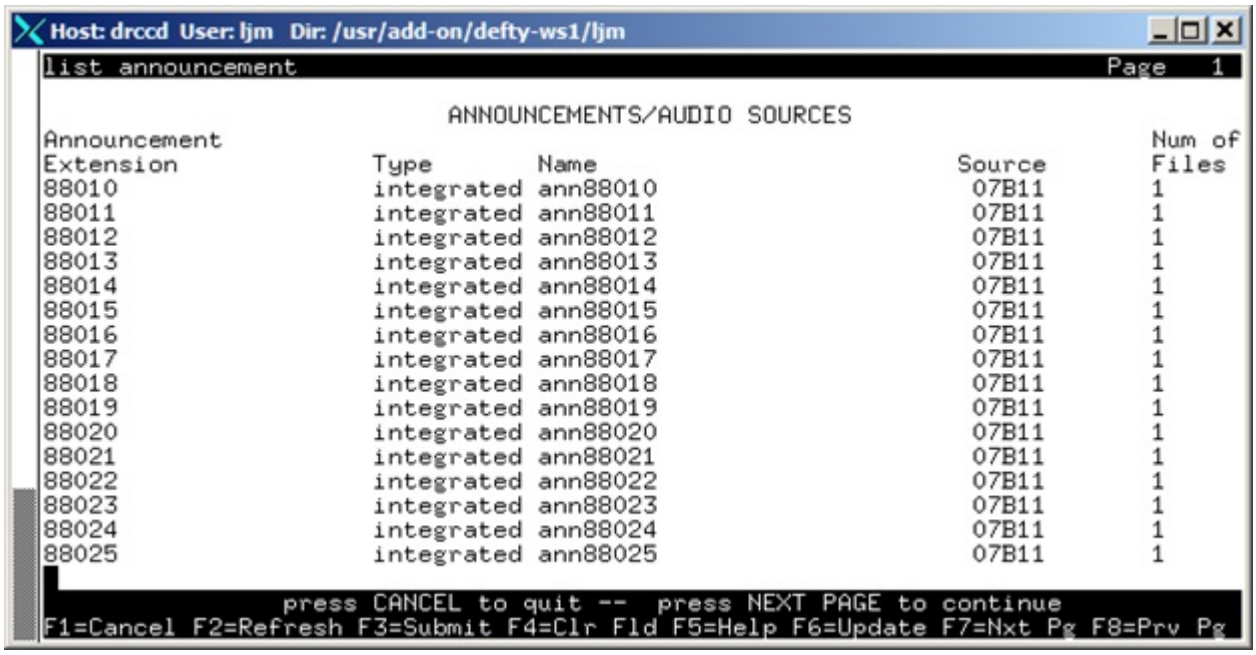
### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmListAnnTable | .1 | n/a | SEQUENCE OF AvCmListAnnEntry | n/a | A list of the avCmListAnn entries |
| | | | | | |
| avCmListAnnEntry | .1.1 | n/a | AvCmListAnnEntry | n/a | A avCmListAnn entry containing objects of the avCmListAnn information sent by the switch. |
| | | | | | |
| avCmListAnnExtIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..41)) | n/a | An object that identifies each increment of data. |
| | | | | | |
| avCmListAnnExtension | .1.1.2 | R | SnmpAdminString (SIZE (0..41)) | Extension | An object containing the extension of the announcement. |
| ANNOUNCEMENTS/ AUDIO SOURCES | | | | | |
| | .1.1.3 | R | SnmpAdminString (SIZE (0..41)) | Type | An object containing the type of announcement. |
| ANNOUNCEMENTS/ AUDIO SOURCES | | | | | |
| | .1.1.4 | R | SnmpAdminString (SIZE (0..41)) | Name | An object containing the name of the announcement. |
| ANNOUNCEMENTS/ AUDIO SOURCES | | | | | |
| | .1.1.5 | R | SnmpAdminString (SIZE (0..41)) | Source | An object containing the source of the announcement. |
| ANNOUNCEMENTS/ AUDIO SOURCES | | | | | |
| | .1.1.6 | R | SnmpAdminString (SIZE (0..41)) | Num of Files | An object containing the number of files. |
| ANNOUNCEMENTS/ AUDIO SOURCES | | | | | |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListAnn
avCmListAnnExtension."88010" = STRING: 88010
avCmListAnnExtension."88011" = STRING: 88011
:
:
avCmListAnnExtension."88041" = STRING: 88041
avCmListAnnType."88010" = STRING: integrated
avCmListAnnType."88011" = STRING: integrated
:
:
avCmListAnnType."88041" = STRING: integ-mus
avCmListAnnName."88010" = STRING: ann88010
avCmListAnnName."88011" = STRING: ann88011
:
:
avCmListAnnName."88041" = STRING: ann88041
avCmListAnnSource."88010" = STRING: 07B11
avCmListAnnSource."88011" = STRING: 07B11
:
:
avCmListAnnSource."88041" = STRING: 004V9
avCmListAnnNumFiles."88010" = INTEGER: 1
avCmListAnnNumFiles."88011" = INTEGER: 1
:
:
avCmListAnnNumFiles."88041" = INTEGER: 1
```

# avCmListIpUnregisteredRange

| MIB group name | OID | Type |
|---|---|---|
| **avCmListIpUnregisteredRange Group** | enterprises.6889.2.73.8.1.55 | Table<br>/<br>Scalar |

## Description

The avCmListIpUnregisteredRange MIB group displays the output of the **list multimedia ip-unregistered xxxx count xx** command. This MIB Group should be used instead of the avCmListIpUnregistered MIB Group on systems with over 100 stations.

## Releases Supported

6.3.100 and later

## Polling Type

Configuration

Inventory

## Polling Interval

No more than once a day or when stations are added.

## Default Caching Interval

600 seconds

## Timeout Interval

Initial Time-out should be set to 15 seconds.

## Retry Interval

Initial Retry should be set to 3.

## Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

## Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| **avCmListIpUnregisteredRange Group** | SAT | **list multimedia ip-unregistered xxxxx count x** | UNREGISTERED IP TELEPHONES |

## Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

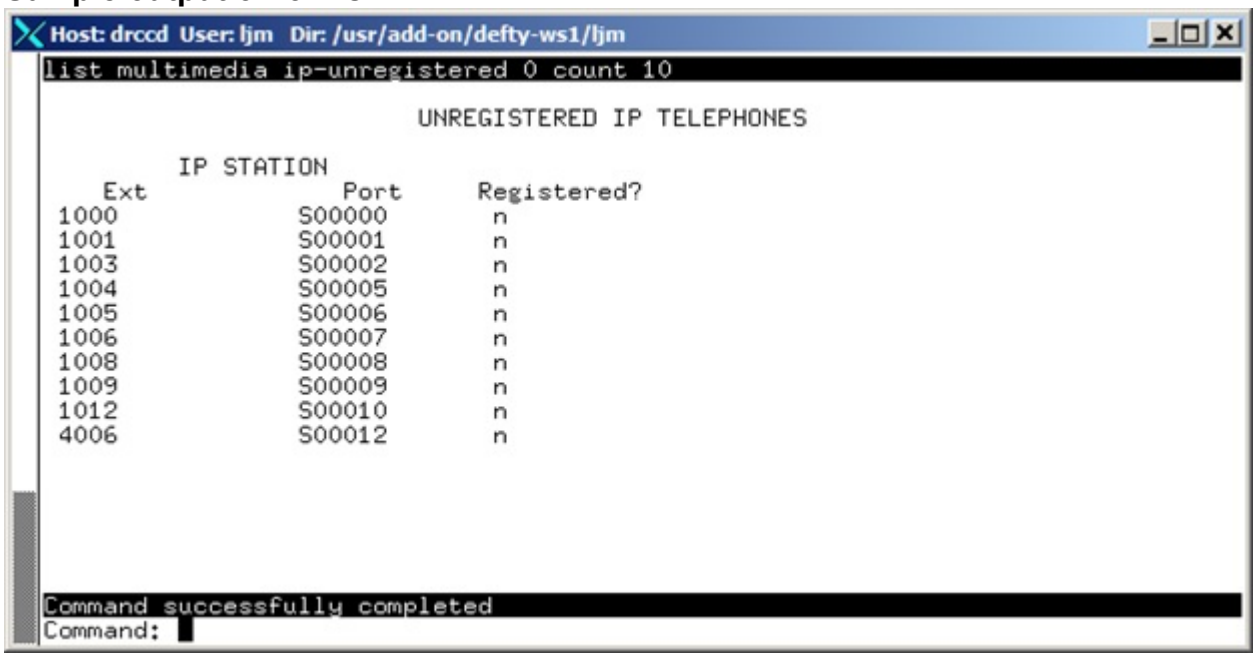
### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIpUnregisteredRangeStartExt | .1 | R-W | SnmpAdminString (SIZE (0..17)) | Groups/Splits/Skills | An object that contains the number of used Groups/ Splits/Skills. |
| | | | | | |
| avCmListIpUnregisteredRangeCount | .2 | R-W | Integer32 (1..100) | Groups/Splits/Skills | An object that contains the number of available Groups/ Splits/Skills. |
| | | | | | |
| avCmListIpUnregisteredRangeTable | .3 | n/a | SEQUENCE OF AvCmListIpUnregisteredRangeEntry | Groups/Splits/Skills | An object that contains the system limit of Groups/ Splits/Skills. |
| | | | | | |
| avCmListIpUnregisteredRangeEntry | .3.1 | n/a | AvCmListIpUnregisteredRangeEntry | Administered Logical Agents | An object that contains the number of used administered logical agents. |
| | | | | | |
| avCmListIpUnregisteredRangeIdx | .3.2 | n/a | SnmpAdminString (SIZE (0..17)) | Administered Logical Agents | An object that contains the number of available administered logical agents. |
| | | | | | |
| avCmListIpUnregisteredRangeExtension | .3.3 | R | SnmpAdminString (SIZE (0..17)) | Administered Logical Agents | An object that contains the system limit of administered logical agents. |
| UNREGISTERED IP TELEPHONES | | | | | |
| avCmListIpUnregisteredRangePort | .3.4 | R | SnmpAdminString (SIZE (0..9)) | Administered Logical Agent-Skill Pairs | An object that contains the number of used administered logical agent-skill pairs. |
| UNREGISTERED IP TELEPHONES | | | | | |
| avCmListIpUnregisteredRangeRegistered | .3.5 | R | SnmpAdminString (SIZE (0..2)) | Administered Logical Agent-Skill Pairs | An object that contains the number of used administered logical agent-skill pairs. |
| UNREGISTERED IP TELEPHONES | | | | | |

### Sample output of forms




### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmListIpUnregisteredRange
avCmListIpUnregisteredRangeStartExt.0 = STRING: 0
avCmListIpUnregisteredRangeCount.0 = INTEGER: 10
avCmListIpUnregisteredRangeExtension."1000" = STRING: 1000
avCmListIpUnregisteredRangeExtension."1001" = STRING: 1001
avCmListIpUnregisteredRangeExtension."1003" = STRING: 1003
avCmListIpUnregisteredRangeExtension."1004" = STRING: 1004
avCmListIpUnregisteredRangeExtension."1005" = STRING: 1005
avCmListIpUnregisteredRangeExtension."1006" = STRING: 1006
avCmListIpUnregisteredRangeExtension."1008" = STRING: 1008
avCmListIpUnregisteredRangeExtension."1009" = STRING: 1009
avCmListIpUnregisteredRangeExtension."1012" = STRING: 1012
avCmListIpUnregisteredRangeExtension."4006" = STRING: 4006
avCmListIpUnregisteredRangePort."1000" = STRING: S00000
avCmListIpUnregisteredRangePort."1001" = STRING: S00001
avCmListIpUnregisteredRangePort."1003" = STRING: S00002
avCmListIpUnregisteredRangePort."1004" = STRING: S00005
avCmListIpUnregisteredRangePort."1005" = STRING: S00006
avCmListIpUnregisteredRangePort."1006" = STRING: S00007
avCmListIpUnregisteredRangePort."1008" = STRING: S00008
avCmListIpUnregisteredRangePort."1009" = STRING: S00009
avCmListIpUnregisteredRangePort."1012" = STRING: S00010
avCmListIpUnregisteredRangePort."4006" = STRING: S00012
avCmListIpUnregisteredRangeRegistered."1000" = STRING: n
avCmListIpUnregisteredRangeRegistered."1001" = STRING: n
avCmListIpUnregisteredRangeRegistered."1003" = STRING: n
avCmListIpUnregisteredRangeRegistered."1004" = STRING: n
avCmListIpUnregisteredRangeRegistered."1005" = STRING: n
avCmListIpUnregisteredRangeRegistered."1006" = STRING: n
avCmListIpUnregisteredRangeRegistered."1008" = STRING: n
avCmListIpUnregisteredRangeRegistered."1009" = STRING: n
avCmListIpUnregisteredRangeRegistered."1012" = STRING: n
avCmListIpUnregisteredRangeRegistered."4006" = STRING: n
```

# avCmDispTime

| MIB group name | OID | Type |
|---|---|---|
| avCmDispTime | enterprises.6889.2.73.8.1.56 | Scalar |

### Description

The avCmDispTime MIB Group uses the **`display time`** command to retrieve time information.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

None

### Default Caching Interval

0 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmDispTime | SAT | **`display time`** | DATE AND TIME |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

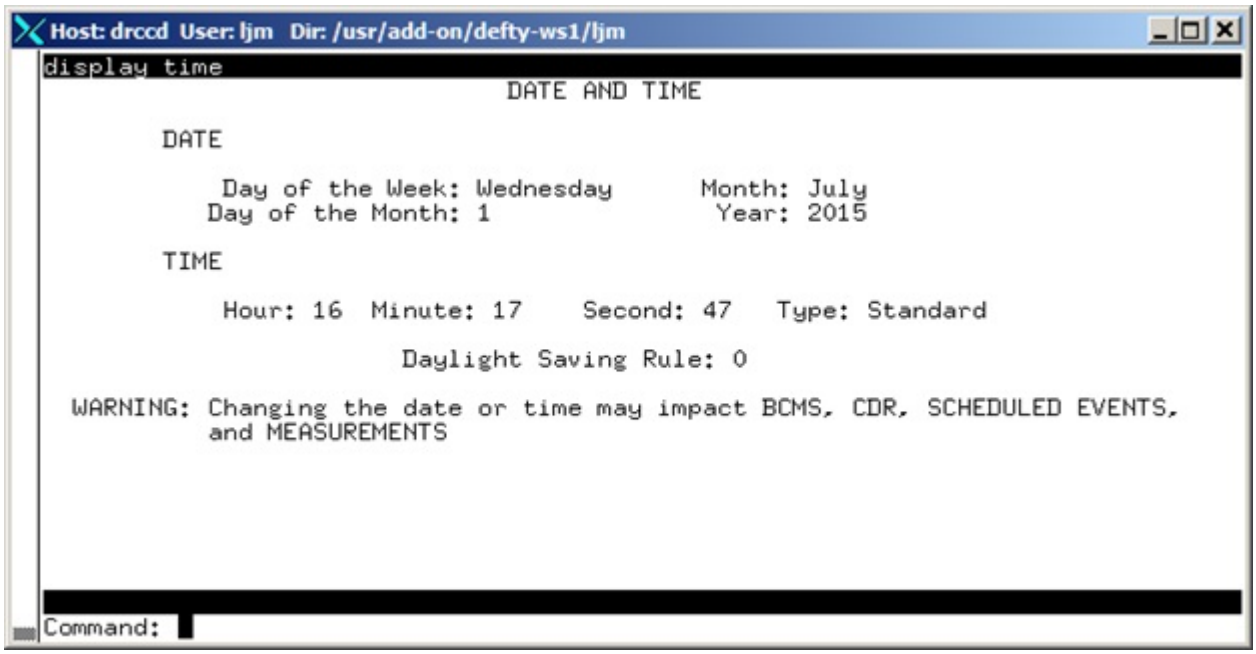
### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmDispTimeDayOfWeek | .1 | R | SnmpAdminString (SIZE (0..10)) | Day of the Week | An object that contains the day of the week. |
| | | | | | |
| avCmDispTimeMonth | .2 | R | SnmpAdminString (SIZE (0..10)) | Month | An object that contains the month of the year. |
| | | | | | |
| avCmDispTimeDayOfTheMonth | .3 | R | Integer32 (0..99) | Day of the Month | An object that contains the day of the month. |
| DATE AND TIME | | | | | |
| avCmDispTimeYear | .4 | R | Integer32 (0..9999) | Year | An object that contains the Year. |
| DATE AND TIME | | | | | |
| avCmDispTimeHour | .5 | R | Integer32 (0..99) | Hour | An object that contains the Hour in 24 hour format. |
| DATE AND TIME | | | | | |
| avCmDispTimeminute | .6 | R | Integer32 (0..99) | Minute | An object that contains the minute. |
| DATE AND TIME | | | | | |
| avCmDispTimeSecond | .7 | R | Integer32 (0..99) | Second | An object that contains the second. |
| DATE AND TIME | | | | | |
| avCmDispTimeType | .8 | R | SnmpAdminString (SIZE (0..17)) | Type | An object that contains whether standard time or daylight savings time is in effect. |
| DATE AND TIME | | | | | |
| avCmDispTimeDSTRule | .9 | R | Integer32 (0..99) | Daylight Saving Rule | An object that contains the daylight savings rule. |
| DATE AND TIME | | | | | |

### Sample output of forms




### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-C
M-MIB.txt avCmDispTime
avCmDispTimeDayOfWeek.0 = STRING: Wednesday
avCmDispTimeMonth.0 = STRING: July
avCmDispTimeDayOfTheMonth.0 = INTEGER: 1
avCmDispTimeYear.0 = INTEGER: 2015
avCmDispTimeHour.0 = INTEGER: 16
avCmDispTimeMinute.0 = INTEGER: 20
avCmDispTimeSecond.0 = INTEGER: 20
avCmDispTimeType.0 = STRING: Standard
avCmDispTimeDSTRule.0 = INTEGER: 0
```

# avCmMessagingAlarm

| MIB group name | OID | Type |
|---|---|---|
| avCmMessagingAlarm | enterprises.6889.2.73.8.1.57 | Table |

### Description

The avCmMessagingAlarm MIB Group displays the output of the **`almdisplay -chia -w`** command. The **`almdisplay -chia -w`** displays all messaging alarms.

### Releases Supported

6.3.100 and later

### Polling Type

Fault

### Polling Interval

No more than once every 20 minutes.

### Default Caching Interval

90 seconds

### Timeout Interval

Initial Timeout should be set to 15 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMessagingAlarm | Bash | `almdisplay -chia -w` | Messaging Alarms |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMessagingAlarmTable | .1 | n/a | SEQUENCE OF AvCmInitCausesEntry | n/a | A list of the avCmMessagingAlarms entries. |
| avCmMessagingAlarmEntry | .1.1 | n/a | AvCmInitCausesEntry | n/a | A avCmMessagingAlarm entry containing objects of the avCmMessagingAlarm information sent by the switch. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMessagingAlarmIdx<br> | .1.1.1 | n/a | Integer32 (0..400) | n/a | An object that uniquely identifies each Messaging Alarm. |
| avCmMessagingAlarmID<br>Messaging Alarms | .1.1.2 | R | Integer32 (0..400) | ID | An object that uniquely identifies each Messaging Alarm. |
| avCmMessagingAlarmApp<br>Messaging Alarms | .1.1.3 | R | SnmpAdminString (SIZE (0..13)) | APP | An object that displays the application name associated with the alarm. |
| avCmMessagingAlarmSource<br>Messaging Alarms | .1.1.4 | R | SnmpAdminString (SIZE (0..25)) | Source | An object that displays the abbreviated name of the Source which generated the alarm. |
| avCmMessagingAlarmEventID<br>Messaging Alarms | .1.1.5 | R | Integer32 (0..400) | EvtID | An object that displays the Event ID of the alarm. The Event ID is a unique number that identifies an alarmable event on a per Source basis. |
| avCmMessagingAlarmLevel<br>Messaging Alarms | .1.1.6 | R | SnmpAdminString (SIZE (0..6)) | Lvl | An object that contains the severity level the alarm: Warning (WRN), Minor (MIN), or Major (MAJ). |
| avCmMessagingAlarmAck<br>Messaging Alarms | .1.1.7 | R | SnmpAdminString (SIZE (0..9)) | Ack | An object that displays Y or N, indicating whether or not the alarm has been acknowledged by INADS. |
| avCmMessagingAlarmLoc<br>Messaging Alarms | .1.1.8 | R | Integer32 (0..400) | Location | An object that displays the location of the alarm origination. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMessagingAlarmDate<br>Messaging Alarms | .1.1.9 | R | SnmpAdminString (SIZE (0..6)) | Date | An object that contains the date the Messaging Alarm was generated. |
| avCmMessagingAlarmDescription<br>Messaging Alarms | .1.1.10 | R | SnmpAdminString (SIZE (0..9)) | Description | An object that contains a description of the Messaging Alarm. |

## Sample output of forms

```
inads@dellsnmp3-cm> almdisplay -chia -v
ID APP Source EvtID Lvl Ack Location Date Description
1 SERVER VM 900 MIN N Wed Jul 01 17:48:15 MDT 2015 2000000000:ela- de 3 :
2 SERVER VM 900 MIN N Wed Jul 01 17:48:15 MDT 2015 2000000000:ela- de 3 :
3 SERVER VM 900 MIN N Wed Jul 01 17:48:05 MDT 2015 #0122000000000:ela- de 3 :
4 VOICE_PORT VP 1 MAJ N Wed Jul 01 17:47:43 MDT 2015 2000000000:2000000000:"
```

## Sample Output of SNMP Walk command:

```
sever1> snmpwalk -t 15 -r 3 -v 2c -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMessagingAlarm
AVAYA-AURA-CM-MIB::avCmMessagingAlarmID.1 = INTEGER: 1
AVAYA-AURA-CM-MIB::avCmMessagingAlarmID.2 = INTEGER: 2
AVAYA-AURA-CM-MIB::avCmMessagingAlarmID.3 = INTEGER: 3
AVAYA-AURA-CM-MIB::avCmMessagingAlarmID.4 = INTEGER: 4
AVAYA-AURA-CM-MIB::avCmMessagingAlarmApp.1 = STRING: SERVER
AVAYA-AURA-CM-MIB::avCmMessagingAlarmApp.2 = STRING: SERVER
AVAYA-AURA-CM-MIB::avCmMessagingAlarmApp.3 = STRING: SERVER
AVAYA-AURA-CM-MIB::avCmMessagingAlarmApp.4 = STRING: VOICE_PORT
AVAYA-AURA-CM-MIB::avCmMessagingAlarmSource.1 = STRING: VM
AVAYA-AURA-CM-MIB::avCmMessagingAlarmSource.2 = STRING: VM
AVAYA-AURA-CM-MIB::avCmMessagingAlarmSource.3 = STRING: VM
AVAYA-AURA-CM-MIB::avCmMessagingAlarmSource.4 = STRING: VP
AVAYA-AURA-CM-MIB::avCmMessagingAlarmEventID.1 = STRING: 900
AVAYA-AURA-CM-MIB::avCmMessagingAlarmEventID.2 = STRING: 900
AVAYA-AURA-CM-MIB::avCmMessagingAlarmEventID.3 = STRING: 900
AVAYA-AURA-CM-MIB::avCmMessagingAlarmEventID.4 = STRING: 1
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLevel.1 = STRING: MIN
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLevel.2 = STRING: MIN
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLevel.3 = STRING: MIN
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLevel.4 = STRING: MAJ
AVAYA-AURA-CM-MIB::avCmMessagingAlarmAck.1 = STRING: N
AVAYA-AURA-CM-MIB::avCmMessagingAlarmAck.2 = STRING: N
AVAYA-AURA-CM-MIB::avCmMessagingAlarmAck.3 = STRING: N
AVAYA-AURA-CM-MIB::avCmMessagingAlarmAck.4 = STRING: N
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLoc.1 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLoc.2 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLoc.3 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmLoc.4 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDate.1 = STRING: Wed Jul 01 17:48:15 MDT 2015
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDate.2 = STRING: Wed Jul 01 17:48:15 MDT 2015
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDate.3 = STRING: Wed Jul 01 17:48:05 MDT 2015
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDate.4 = STRING: Wed Jul 01 17:47:43 MDT 2015
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDescription.1 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDescription.2 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDescription.3 = STRING:
AVAYA-AURA-CM-MIB::avCmMessagingAlarmDescription.4 = STRING:
```

# avCmInitCauses

| MIB group name | OID | Type |
|---|---|---|
| avCmInitCauses Group | enterprises.6889.2.73.8.1.58 | Table |

### Description

The avCmInitCauses MIB Group uses the **`display initcauses`** command to retrieve restart information.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

Once a minute.

### Default Caching Interval

60 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmInitCauses Group | SAT | **`display initcauses`** | INITIALIZATION CAUSES |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

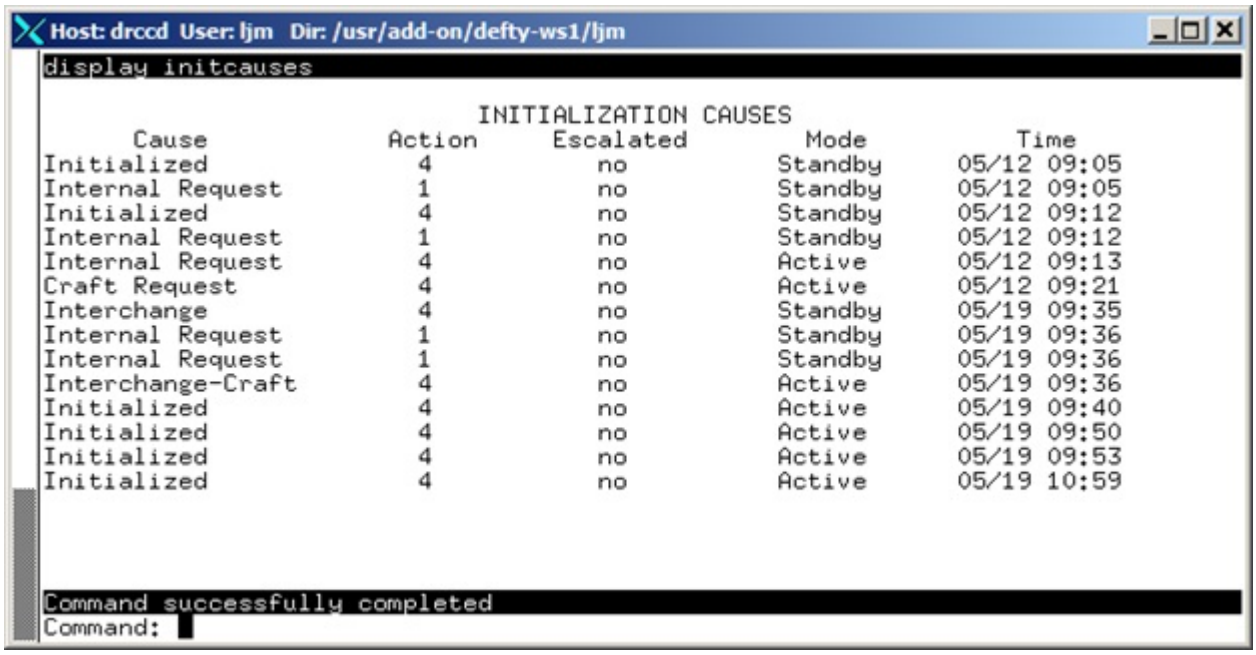
### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmInitCausesTable | .1 | n/a | SEQUENCE OF AvCmInitCausesEntry | n/a | A list of the avCmInitCauses entries. |
| avCmInitCausesEntry | .1.1 | n/a | AvCmInitCausesEntry | n/a | A avCmInitCausesEntry entry containing objects of the avCmInitCauses information sent by the switch. |
| avCmInitCausesTimeIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..9)) | n/a | An object that uniquely identifies each Increment of data. |
| avCmInitCausesIdx | .1.1.2 | n/a | Integer32 (0..400) | n/a | An Integer32 object containing an index that numbers the alarm entry for the avCmInitCausesIdx. This object along with avCmInitCausesTimeIdx serves as the |
| avCmInitCausesTime<br>INITIALIZATION CAUSES | .1.1.3 | R | SnmpAdminString (SIZE (0.13)) | Time | An object containing the time of the event. |
| avCmInitCausesCause<br>INITIALIZATION CAUSES | .1.1.4 | R | SnmpAdminString (SIZE (0..25)) | Cause | An object containing the cause of the event. |
| avCmInitCausesAction<br>INITIALIZATION CAUSES | .1.1.5 | R | Integer32 (0..9) | Action | An object containing the reset level of the vent. |
| avCmInitCausesEscalated<br>INITIALIZATION CAUSES | .1.1.6 | R | SnmpAdminString (SIZE (0..6)) | Escalated | An object containing whether or not event escalated. |
| avCmInitCausesMode<br>INITIALIZATION CAUSES | .1.1.7 | R | SnmpAdminString (SIZE (0..9)) | Mode | An object containing the mode. |

### Sample output of forms




### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmInitCauses
avCmInitCausesTime."05/12 09:05".1 = STRING: 05/12 09:05
avCmInitCausesTime."05/12 09:05".2 = STRING: 05/12 09:05
:
:
avCmInitCausesTime."05/19 10:59".1 = STRING: 05/19 10:59
avCmInitCausesCause."05/12 09:05".1 = STRING: Internal Request
avCmInitCausesCause."05/12 09:05".2 = STRING: Initialized
:
:
avCmInitCausesCause."05/19 10:59".1 = STRING: Initialized
avCmInitCausesAction."05/12 09:05".1 = INTEGER: 1
avCmInitCausesAction."05/12 09:05".2 = INTEGER: 4
:
:
avCmInitCausesAction."05/19 10:59".1 = INTEGER: 4
avCmInitCausesEscalated."05/12 09:05".1 = STRING: no
avCmInitCausesEscalated."05/12 09:05".2 = STRING: no
:
:
avCmInitCausesEscalated."05/19 10:59".1 = STRING: no
avCmInitCausesMode."05/12 09:05".1 = STRING: Standby
avCmInitCausesMode."05/12 09:05".2 = STRING: Standby
:
:
avCmInitCausesMode."05/19 10:59".1 = STRING: Active
```

# avCmMeasAnnIntegAllLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasAnnIntegAllLstHr | enterprises.6889.2.73.8.1.59 | Table |

### Description

The avCmMeasAnnIntegAllLstHr MIB group displays the measurements of all the integrated announcements for the last hour.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasAnnIntegAllLstHr | SAT | `list measurements announcement integ-all yesterday-peak` | VOICE ANNOUNCEMENT MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasAnnIntegAllLstHrTable | .1 | n/a | SEQUENCE OF avCmMeasAnnIntegAllLstHrEntry | n/a | An object containing the avCmMeasAnnIntegAllLstHr entries. |
| | | | | | |
| avCmMeasAnnIntegAllLstHrEntry | .1.1 | n/a | avCmMeasAnnIntegAllLstHrEntry | n/a | An object containing the avCmMeasAnnIntegAllLstHr information that the switch sent. |
| | | | | | |
| avCmMeasAnnIntegAllLstHrIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..17)) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmMeasAnnIntegAllLstHrExtension | .1.1.2 | R | SnmpAdminString (SIZE (0..17)) | Extension | An object containing the announcement extension. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllLstHrRunDate | .1.1.3 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date when the command was executed. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllLstHrSource | .1.1.4 | R | SnmpAdminString (SIZE (0..6)) | Source | An object containing the Source board or the media module. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllLstHrPlayPorts | .1.1.5 | R | Integer32 (0..99999) | Play Ports | An object containing the number of play ports for the source. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllLstHrMaxCallrsPeriod | .1.1.6 | R | Integer32 (0..99999) | Max Callers on Source in Period | An object containing the maximum callers using the source in the period. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllLstHrAllPortsBusyPeriod | .1.1.7 | R | Integer32 (0..99999) | All Ports Busy in Period | An object containing the number of times |

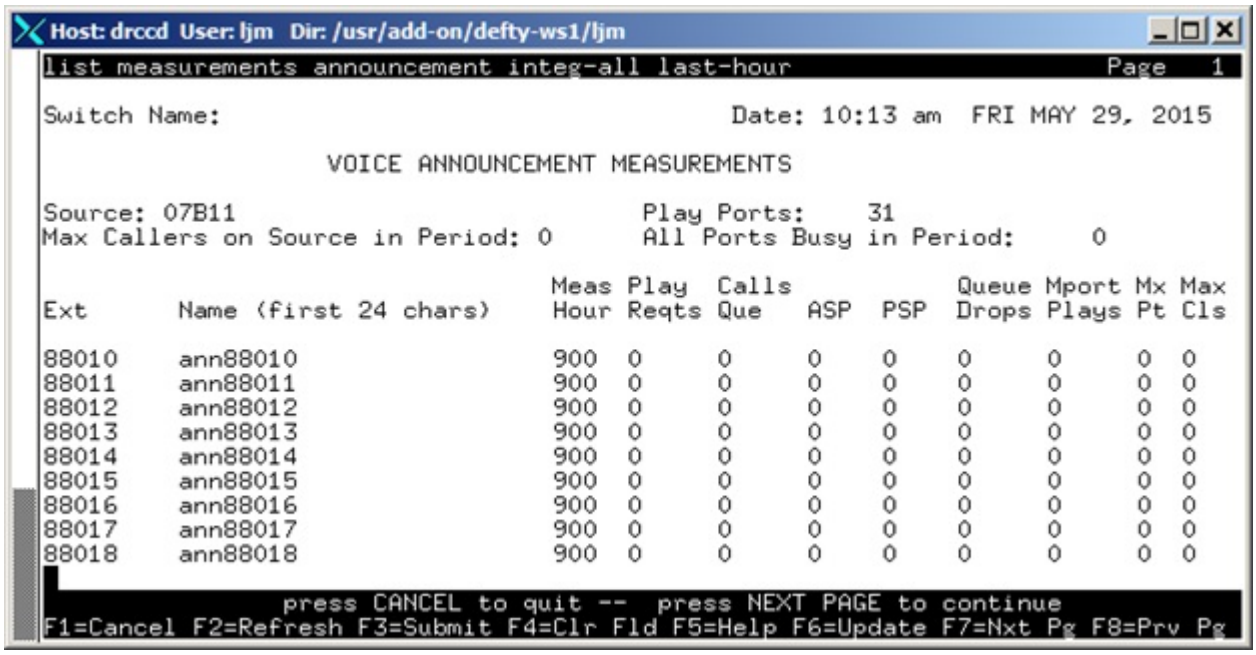
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | all the ports on the source were busy during the period. |
| avCmMeasAnnIntegAllLstHrName<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.8 | R | SnmpAdminString (SIZE (0..25)) | Name | An object containing the name of the announcement. The name is maximum 24 characters. |
| avCmMeasAnnIntegAllLstHrMeasHour<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.9 | R | Integer32 (0..99999) | Meas Hour | An object containing the measurement hour. |
| avCmMeasAnnIntegAllLstHrPlayRequests<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.10 | R | Integer32 (0..99999) | Play Reqts | An object containing the number of play requests for the announcement. |
| avCmMeasAnnIntegAllLstHrCallsQueued<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.11 | R | Integer32 (0..99999) | Call Que | An object containing the number of calls for an announcement that in queue waiting for a port during the period. |
| avCmMeasAnnIntegAllLstHrASP<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.12 | R | Integer32 (0..9999) | ASP | An object containing the average number of seconds before the announcement played during the period. Calls abandoned in the queue waiting for a port are not included. |
| avCmMeasAnnIntegAllLstHrPSP<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.13 | R | Integer32 (0..9999) | PSP | An object containing the peak speed to play an announcement. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasAnnIntegAllLstHrQueueDrops<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.14 | R | Integer32 (0..99999) | Queue Drops | An object containing the number of calls abandoned in the queue waiting for the port during the period. Calls that callers abandoned and calls that VOA (VDN of origin Announcements) aborted are included. Calls in the queue that the agent answered are excluded from the count. |
| avCmMeasAnnIntegAllLstHrMportPlays<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.15 | R | Integer32 (0..99999) | Mport Plays | An object containing the number of times the announcement is played simultaneously from multiple ports during the period. |
| avCmMeasAnnIntegAllLstHrMxPorts<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.16 | R | Integer32 (0..99) | Mx Pt | An object containing the maximum number of ports used for the announcement during the period. |
| avCmMeasAnnIntegAllLstHrMaxCallers<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.17 | R | Integer32 (0..999) | Max Cls | An object containing the maximum number of callers simultaneously connected to a port for the announcement during the period. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
Server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnIntegAllLstHr
avCmMeasAnnIntegAllLstHrExtension."88010" = STRING: 88010
avCmMeasAnnIntegAllLstHrExtension."88011" = STRING: 88011
:
:
avCmMeasAnnIntegAllLstHrExtension."88041" = STRING: 88041
avCmMeasAnnIntegAllLstHrRunDate."88010" = STRING: 10:08 am FRI MAY 29, 2015
avCmMeasAnnIntegAllLstHrRunDate."88011" = STRING: 10:08 am FRI MAY 29, 2015
:
:
avCmMeasAnnIntegAllLstHrRunDate."88041" = STRING: 10:08 am FRI MAY 29, 2015
avCmMeasAnnIntegAllLstHrSource."88010" = STRING: 07B11
avCmMeasAnnIntegAllLstHrSource."88011" = STRING: 07B11
:
:
avCmMeasAnnIntegAllLstHrSource."88041" = STRING: 004V9
avCmMeasAnnIntegAllLstHrPlayPorts."88010" = INTEGER: 31
avCmMeasAnnIntegAllLstHrPlayPorts."88011" = INTEGER: 31
:
:
avCmMeasAnnIntegAllLstHrPlayPorts."88041" = INTEGER: 63
avCmMeasAnnIntegAllLstHrMaxCallrsPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMaxCallrsPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrMaxCallrsPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrAllPortsBusyPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrAllPortsBusyPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrAllPortsBusyPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrName."88010" = STRING: ann88010
avCmMeasAnnIntegAllLstHrName."88011" = STRING: ann88011
:
```

```
:
avCmMeasAnnIntegAllLstHrName."88041" = STRING: ann88041
avCmMeasAnnIntegAllLstHrMeasHour."88010" = INTEGER: 900
avCmMeasAnnIntegAllLstHrMeasHour."88011" = INTEGER: 900
:
:
avCmMeasAnnIntegAllLstHrMeasHour."88041" = INTEGER: 900
avCmMeasAnnIntegAllLstHrPlayRequests."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrPlayRequests."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrCallsQueued."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrCallsQueued."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrASP."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrASP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrASP."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrPSP."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrPSP."88041" = INTEGER: 0
299
avCmMeasAnnIntegAllLstHrQueueDrops."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrQueueDrops."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMportPlays."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrMportPlays."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMxPorts."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrMxPorts."88041" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMaxCallers."88010" = INTEGER: 0
avCmMeasAnnIntegAllLstHrMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllLstHrMaxCallers."88041" = INTEGER: 0
```

# avCmMeasAnnIntegAllToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasAnnIntegAllToday | enterprises.6889.2.73.8.1.59 | Table |

## Description

The avCmMeasAnnIntegAllToday MIB group displays the measurements of all the integrated announcements for the present day.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasAnnIntegAllToday | SAT | `list measurements announcement integ-all yesterday-peak` | VOICE ANNOUNCEMENT MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasAnnIntegAllTodayTable | .1 | n/a | SEQUENCE OF avCmMeasAnnIntegAllTodayEntry | n/a | An object containing the avCmMeasAnnIntegAllToday entries. |
| avCmMeasAnnIntegAllTodayEntry | .1.1 | n/a | avCmMeasAnnIntegAllTodayEntry | n/a | An object containing the avCmMeasAnnInteg |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | AllToday information that the switch sent. |
| avCmMeasAnnIntegAllTodayIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..17)) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmMeasAnnIntegAllTodayExtension | .1.1.2 | R | SnmpAdminString (SIZE (0..17)) | Extension | An object containing the announcement extension. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllTodayRunDate | .1.1.3 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date when the command was executed. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllTodaySource | .1.1.4 | R | SnmpAdminString (SIZE (0..6)) | Source | An object containing the Source board or the media module. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllTodayPlayPorts | .1.1.5 | R | Integer32 (0..99999) | Play Ports | An object containing the number of play ports for the source. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllTodayMaxCallrsPeriod | .1.1.6 | R | Integer32 (0..99999) | Max Callers on Source in Period | An object containing the maximum callers using the source in the period. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllTodayAllPortsBusyPeriod | .1.1.7 | R | Integer32 (0..99999) | All Ports Busy in Period | An object containing the number of times all the ports on the source were busy during the period. |
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | |
| avCmMeasAnnIntegAllTodayName | .11.8 | R | SnmpAdminString (SIZE (0..25)) | Name | An object containing the name of the announcement. The |

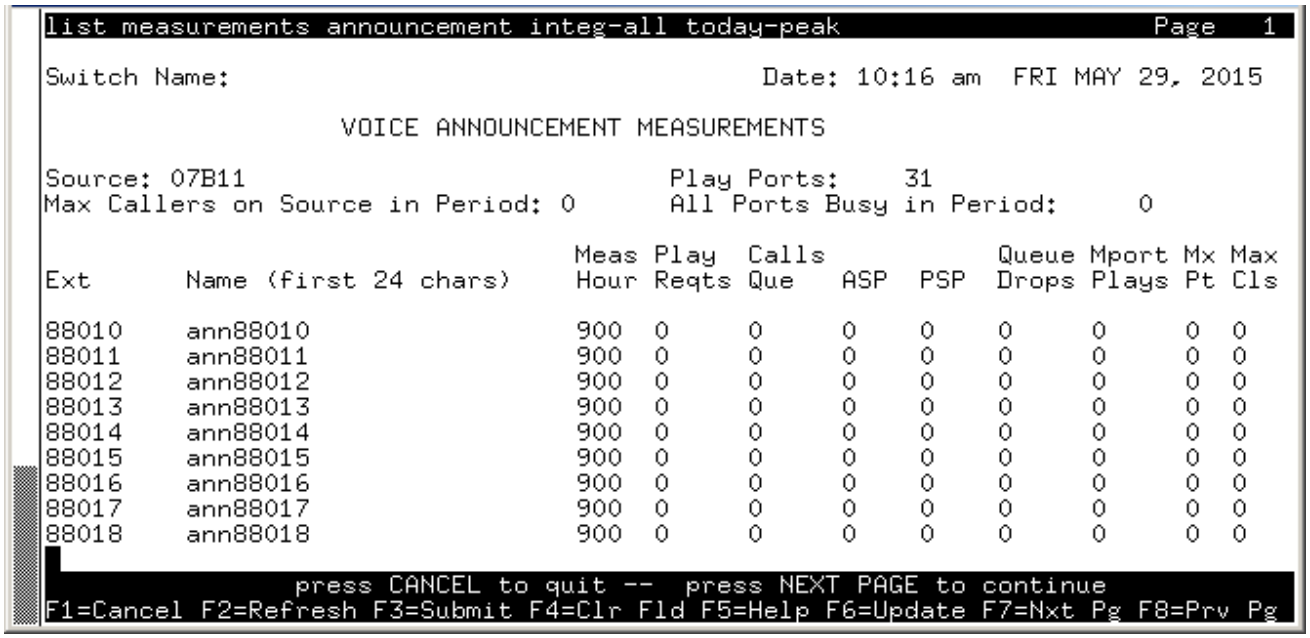
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| VOICE ANNOUNCEMENT MEASUREMENTS | | | | | name is maximum 24 characters. |
| avCmMeasAnnIntegAllTodayMeasHour<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.9 | R | Integer32 (0..99999) | Meas Hour | An object containing the measurement hour. |
| avCmMeasAnnIntegAllTodayPlayRequests<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.10 | R | Integer32 (0..99999) | Play Reqts | An object containing the number of play requests for the announcement. |
| avCmMeasAnnIntegAllTodayCallsQueued<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.11 | R | Integer32 (0..99999) | Call Que | An object containing the number of calls for an announcement that in queue waiting for a port during the period. |
| avCmMeasAnnIntegAllTodayASP<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.12 | R | Integer32 (0..9999) | ASP | An object containing the average number of seconds before the announcement played during the period. Calls abandoned in the queue waiting for a port are not included. |
| avCmMeasAnnIntegAllTodayPSP<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.13 | R | Integer32 (0..9999) | PSP | An object containing the peak speed to play an announcement. |
| avCmMeasAnnIntegAllTodayQueueDrops<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.14 | R | Integer32 (0..99999) | Queue Drops | An object containing the number of calls abandoned in the queue waiting for the port during the period. Calls that callers abandoned and calls that VOA |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | (VDN of origin Announcements) aborted are included. Calls in the queue that the agent answered are excluded from the count. |
| avCmMeasAnnIntegAllTodayMportPlays<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.15 | R | Integer32 (0..99999) | Mport Plays | An object containing the number of times the announcement is played simultaneously from multiple ports during the period. |
| avCmMeasAnnIntegAllTodayMxPorts<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.16 | R | Integer32 (0..99) | Mx Pt | An object containing the maximum number of ports used for the announcement during the period. |
| avCmMeasAnnIntegAllTodayMaxCallers<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.17 | R | Integer32 (0..999) | Max Cls | An object containing the maximum number of callers simultaneously connected to a port for the announcement during the period. |

## Sample output of forms



```
list measurements announcement integ-all today-peak                    Page   1

Switch Name:                                    Date: 10:16 am  FRI MAY 29, 2015

                    VOICE ANNOUNCEMENT MEASUREMENTS

Source: 07B11                              Play Ports:    31
Max Callers on Source in Period: 0         All Ports Busy in Period:     0

                                  Meas Play  Calls                 Queue Mport Mx Max
Ext      Name (first 24 chars)    Hour Reqts Que   ASP  PSP  Drops Plays Pt Cls

88010    ann88010                 900  0     0     0    0    0     0     0  0
88011    ann88011                 900  0     0     0    0    0     0     0  0
88012    ann88012                 900  0     0     0    0    0     0     0  0
88013    ann88013                 900  0     0     0    0    0     0     0  0
88014    ann88014                 900  0     0     0    0    0     0     0  0
88015    ann88015                 900  0     0     0    0    0     0     0  0
88016    ann88016                 900  0     0     0    0    0     0     0  0
88017    ann88017                 900  0     0     0    0    0     0     0  0
88018    ann88018                 900  0     0     0    0    0     0     0  0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnIntegAllToday
avCmMeasAnnIntegAllTodayExtension."88010" = STRING: 88010
avCmMeasAnnIntegAllTodayExtension."88011" = STRING: 88011
:
:
avCmMeasAnnIntegAllTodayExtension."88041" = STRING: 88041
avCmMeasAnnIntegAllTodayRunDate."88010" = STRING: 10:13 am FRI MAY 29, 2015
avCmMeasAnnIntegAllTodayRunDate."88011" = STRING: 10:13 am FRI MAY 29, 2015
:
:
avCmMeasAnnIntegAllTodayRunDate."88041" = STRING: 10:13 am FRI MAY 29, 2015
avCmMeasAnnIntegAllTodaySource."88010" = STRING: 07B11
avCmMeasAnnIntegAllTodaySource."88011" = STRING: 07B11
:
:
avCmMeasAnnIntegAllTodaySource."88041" = STRING: 004V9
avCmMeasAnnIntegAllTodayPlayPorts."88010" = INTEGER: 31
avCmMeasAnnIntegAllTodayPlayPorts."88011" = INTEGER: 31
:
:
avCmMeasAnnIntegAllTodayPlayPorts."88041" = INTEGER: 63
avCmMeasAnnIntegAllTodayMaxCallrsPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayMaxCallrsPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayMaxCallrsPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayAllPortsBusyPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayAllPortsBusyPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayAllPortsBusyPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayName."88010" = STRING: ann88010
avCmMeasAnnIntegAllTodayName."88011" = STRING: ann88011
:
```

```
:
avCmMeasAnnIntegAllTodayName."88041" = STRING: ann88041
avCmMeasAnnIntegAllTodayMeasHour."88010" = INTEGER: 900
avCmMeasAnnIntegAllTodayMeasHour."88011" = INTEGER: 900
:
:
avCmMeasAnnIntegAllTodayMeasHour."88041" = INTEGER: 900
avCmMeasAnnIntegAllTodayPlayRequests."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayPlayRequests."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayCallsQueued."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayCallsQueued."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayASP."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayASP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayASP."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayPSP."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayPSP."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayQueueDrops."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayQueueDrops."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayMportPlays."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayMportPlays."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayMxPorts."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayMxPorts."88041" = INTEGER: 0
avCmMeasAnnIntegAllTodayMaxCallers."88010" = INTEGER: 0
avCmMeasAnnIntegAllTodayMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllTodayMaxCallers."88041" = INTEGER: 0
```

# avCmMeasAnnIntegAllYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasAnnIntegAllYest | enterprises.6889.2.73.8.1.61 | Table |

## Description

The avCmMeasAnnIntegAllYest MIB group displays the measurements of all the integrated announcements from the previous day.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasAnnIntegAllYest | SAT | `list measurements announcement integ-all yesterday-peak` | VOICE ANNOUNCEMENT MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasAnnIntegAllYestTable | .1 | n/a | SEQUENCE OF AvCmMeasAnnIntegAllYestEntry | n/a | An object containing the avCmMeasAnnIntegAllYest entries. |
| avCmMeasAnnIntegAllYestEntry | .1.1 | n/a | AvCmMeasAnnIntegAllYestEntry | n/a | An object containing the avCmMeasAnnInteg |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | AllYest information that the switch sent. |
| avCmMeasAnnIntegAllYestIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..17)) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasAnnIntegAllYestExtension<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.2 | R | SnmpAdminString (SIZE (0..17)) | Extension | An object containing the announcement extension. |
| avCmMeasAnnIntegAllYestRunDate<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.3 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date when the command was executed. |
| avCmMeasAnnIntegAllYestSource<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.4 | R | SnmpAdminString (SIZE (0..6)) | Source | An object containing the Source board or the media module. |
| avCmMeasAnnIntegAllYestPlayPorts<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.5 | R | Integer32 (0..99999) | Play Ports | An object containing the number of play ports for the source. |
| avCmMeasAnnIntegAllYestMaxCallrsPeriod<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.6 | R | Integer32 (0..99999) | Max Callers on Source in Period | An object containing the maximum callers using the source in the period. |
| avCmMeasAnnIntegAllYestAllPortsBusyPeriod<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.7 | R | Integer32 (0..99999) | All Ports Busy in Period | An object containing the number of times all the ports on the source were busy during the period. |
| avCmMeasAnnIntegAllYestName<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.8 | R | SnmpAdminString (SIZE (0..25)) | Name | An object containing the name of the announcement. The name is maximum 24 characters. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasAnnIntegAllYestMeasHour<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.9 | R | Integer32 (0..99999) | Meas Hour | An object containing the measurement hour. |
| avCmMeasAnnIntegAllYestPlayRequests<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.10 | R | Integer32 (0..99999) | Play Reqts | An object containing the number of play requests for the announcement. |
| avCmMeasAnnIntegAllYestCallsQueued<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.11 | R | Integer32 (0..99999) | Call Que | An object containing the number of calls for an announcement that in queue waiting for a port during the period. |
| avCmMeasAnnIntegAllYestASP<br>VOICE ANNOUNCEMENT MEASUREMENTS | .1.1.12 | R | Integer32 (0..9999) | ASP | An object containing the average number of seconds before the announcement played during the period. Calls abandoned in the queue waiting for a port are not included. |
| avCmMeasAnnIntegAllYestPSP<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.13 | R | Integer32 (0..9999) | PSP | An object containing the peak speed to play an announcement. |
| avCmMeasAnnIntegAllYestQueueDrops<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.14 | R | Integer32 (0..99999) | Queue Drops | An object containing the number of calls abandoned in the queue waiting for the port during the period. Calls that callers abandoned and calls that VOA (VDN of origin Announcements) aborted are included. Calls in |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | the queue that the agent answered are excluded from the count. |
| avCmMeasAnnIntegAllYestMportPlays<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.15 | R | Integer32 (0..99999) | Mport Plays | An object containing the number of times the announcement is played simultaneously from multiple ports during the period. |
| avCmMeasAnnIntegAllYestMxPorts<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.16 | R | Integer32 (0..99) | Mx Pt | An object containing the maximum number of ports used for the announcement during the period. |
| avCmMeasAnnIntegAllYestMaxCallers<br>VOICE ANNOUNCEMENT MEASUREMENTS | .11.17 | R | Integer32 (0..999) | Max Cls | An object containing the maximum number of callers simultaneously connected to a port for the announcement during the period. |

## Sample output of forms

```
list measurements announcement integ-all yesterday-peak                Page   1

Switch Name:                                    Date: 10:21 am  FRI MAY 29, 2015

                    VOICE ANNOUNCEMENT MEASUREMENTS

Source: 07B11                              Play Ports:    31
Max Callers on Source in Period: 0         All Ports Busy in Period:     0

                                  Meas Play  Calls          Queue Mport Mx Max
Ext      Name (first 24 chars)    Hour Reqts Que   ASP  PSP  Drops Plays Pt Cls

88010    ann88010                 2300 0     0     0    0    0     0     0  0
88011    ann88011                 2300 0     0     0    0    0     0     0  0
88012    ann88012                 2300 0     0     0    0    0     0     0  0
88013    ann88013                 2300 0     0     0    0    0     0     0  0
88014    ann88014                 2300 0     0     0    0    0     0     0  0
88015    ann88015                 2300 0     0     0    0    0     0     0  0
88016    ann88016                 2300 0     0     0    0    0     0     0  0
88017    ann88017                 2300 0     0     0    0    0     0     0  0
88018    ann88018                 2300 0     0     0    0    0     0     0  0

              press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnIntegAllYest
avCmMeasAnnIntegAllYestExtension."88010" = STRING: 88010
avCmMeasAnnIntegAllYestExtension."88011" = STRING: 88011
:
:
avCmMeasAnnIntegAllYestExtension."88041" = STRING: 88041
avCmMeasAnnIntegAllYestRunDate."88010" = STRING: 10:17 am FRI MAY 29, 2015
avCmMeasAnnIntegAllYestRunDate."88011" = STRING: 10:17 am FRI MAY 29, 2015
:
:
avCmMeasAnnIntegAllYestRunDate."88041" = STRING: 10:17 am FRI MAY 29, 2015
avCmMeasAnnIntegAllYestSource."88010" = STRING: 07B11
avCmMeasAnnIntegAllYestSource."88011" = STRING: 07B11
:
:
avCmMeasAnnIntegAllYestSource."88041" = STRING: 004V9
avCmMeasAnnIntegAllYestPlayPorts."88010" = INTEGER: 31
avCmMeasAnnIntegAllYestPlayPorts."88011" = INTEGER: 31
:
:
avCmMeasAnnIntegAllYestPlayPorts."88041" = INTEGER: 63
avCmMeasAnnIntegAllYestMaxCallrsPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestMaxCallrsPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestMaxCallrsPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestAllPortsBusyPeriod."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestAllPortsBusyPeriod."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestAllPortsBusyPeriod."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestName."88010" = STRING: ann88010
avCmMeasAnnIntegAllYestName."88011" = STRING: ann88011
:
:
avCmMeasAnnIntegAllYestName."88041" = STRING: ann88041
avCmMeasAnnIntegAllYestMeasHour."88010" = INTEGER: 2300
avCmMeasAnnIntegAllYestMeasHour."88011" = INTEGER: 2300
:
:
avCmMeasAnnIntegAllYestMeasHour."88041" = INTEGER: 2300
avCmMeasAnnIntegAllYestPlayRequests."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestPlayRequests."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestCallsQueued."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestCallsQueued."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestASP."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestASP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestASP."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestPSP."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestPSP."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestQueueDrops."88010" = INTEGER: 0
```

```
avCmMeasAnnIntegAllYestQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestQueueDrops."88041" = INTEGER: 0
311
avCmMeasAnnIntegAllYestMportPlays."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestMportPlays."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestMxPorts."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestMxPorts."88041" = INTEGER: 0
avCmMeasAnnIntegAllYestMaxCallers."88010" = INTEGER: 0
avCmMeasAnnIntegAllYestMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnIntegAllYestMaxCallers."88041" = INTEGER: 0
```

# avCmStatusMGAnn

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusMGAnn | enterprises.6889.2.73.8.1.62 | Table |

### Description

The avCmMeasAnnIntegAllYest MIB group displays the status of all the media gateway announcements.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusMGAnn | SAT | `status mg-announcements` | MEDIA GATEWAY ANNOUNCEMENT STATUS |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

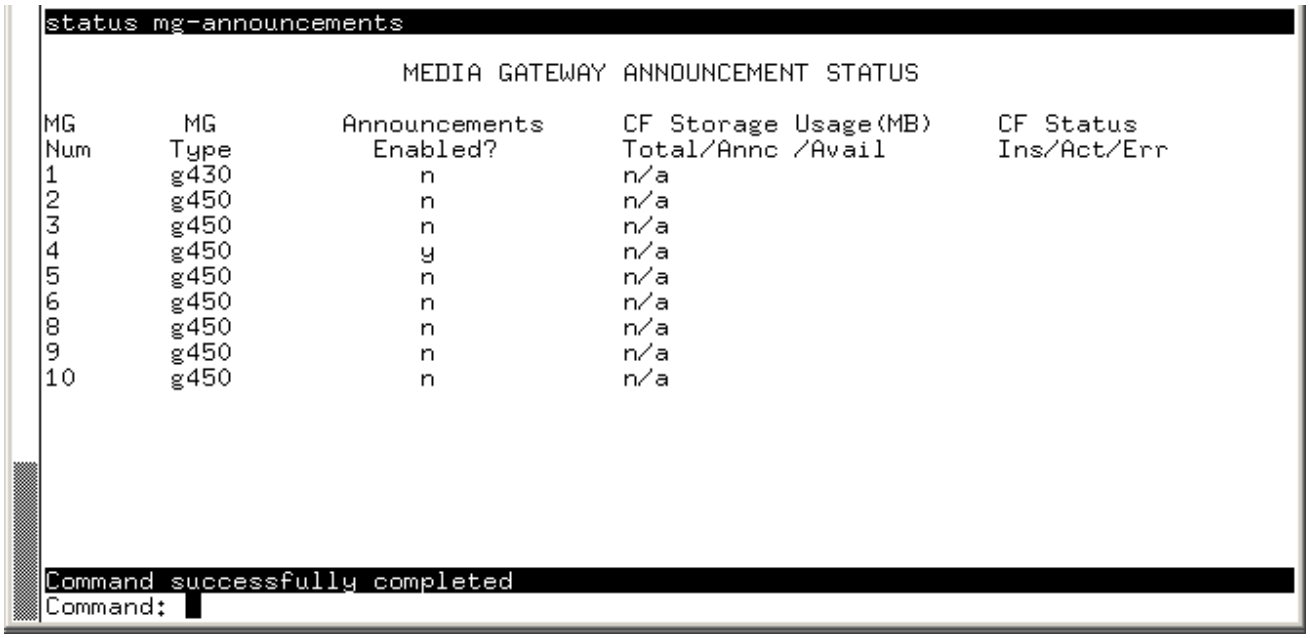
### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmStatusMGAnnTable | .1 | n/a | SEQUENCE OF AvCmStatusMGAnn Entry | n/a | An object containing the avCmStatusMGAnn entries. |
| | | | | | |
| avCmStatusMGAnnEntry | .1.1 | n/a | AvCmStatusMGAnn Entry | n/a | An object containing the avCmStatusMGAnn entries. |
| | | | | | |
| avCmStatusMGAnnIdx | .1.1.1 | n/a | Integer32 (0..9999) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmStatusMGAnnMGNum | .1.1.2 | R | Integer32 (0..9999) | MG Num | An object containing the media gateway number. |
| MEDIA GATEWAY ANNOUNCEMENT STATUS | | | | | |
| avCmStatusMGAnnMGType | .1.1.3 | R | SnmpAdminString (SIZE (0..9)) | MG Type | An object containing the media gateway type. |
| MEDIA GATEWAY ANNOUNCEMENT STATUS | | | | | |
| avCmStatusMGAnnEnabled | .1.1.4 | R | SnmpAdminString (SIZE (0..2)) | Announcement Enabled | An object containing information about whether the announcement is enabled. |
| MEDIA GATEWAY ANNOUNCEMENT STATUS | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMGAnnStorUsedTotaL<br>MEDIA GATEWAY ANNOUNCEMENT STATUS | .1.1.5 | R | SnmpAdminString (SIZE (0..5)) | CF Storage Usage(MB) Total/ Annc /Avail | An object containing the amount of available storage. |
| lavCmStatusMGAnnStorUsedUsed<br>MEDIA GATEWAY ANNOUNCEMENT STATUS | .1.1.6 | R | SnmpAdminString (SIZE (0..5)) | CF Storage Usage(MB) Total/ Annc /Avail | An object containing the amount of available storage. |
| <br>MEDIA GATEWAY ANNOUNCEMENT STATUS | .1.1.7 | R | SnmpAdminString (SIZE (0..5)) | CF Storage Usage(MB) Total/ Annc /Avail | An object containing the amount of available storage. |
| avCmStatusMGAnnCfStatIns<br>MEDIA GATEWAY ANNOUNCEMENT STATUS | .1.1.8 | R | SnmpAdminString (SIZE (0..4)) | CF Status Ins | An object containing the announcement status. |
| avCmStatusMGAnnCfStatAct<br>MEDIA GATEWAY ANNOUNCEMENT STATUS | .1.1.9 | R | SnmpAdminString (SIZE (0..4)) | CF Status Act | An object containing the announcement status. |
| avCmStatusMGAnnCfStatErr<br>MEDIA GATEWAY ANNOUNCEMENT STATUS | .1.1.10 | R | SnmpAdminString (SIZE (0..4)) | CF Status Err | An object containing the announcement status. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmStatusMGAnn
avCmStatusMGAnnMGNum.1 = INTEGER: 1
avCmStatusMGAnnMGNum.2 = INTEGER: 2
avCmStatusMGAnnMGNum.3 = INTEGER: 3
avCmStatusMGAnnMGNum.4 = INTEGER: 4
avCmStatusMGAnnMGNum.5 = INTEGER: 5
avCmStatusMGAnnMGNum.6 = INTEGER: 6
avCmStatusMGAnnMGNum.8 = INTEGER: 8
avCmStatusMGAnnMGNum.9 = INTEGER: 9
avCmStatusMGAnnMGNum.10 = INTEGER: 10
avCmStatusMGAnnMGType.1 = STRING: g430
avCmStatusMGAnnMGType.2 = STRING: g450
avCmStatusMGAnnMGType.3 = STRING: g450
avCmStatusMGAnnMGType.4 = STRING: g450
avCmStatusMGAnnMGType.5 = STRING: g450
avCmStatusMGAnnMGType.6 = STRING: g450
avCmStatusMGAnnMGType.8 = STRING: g450
avCmStatusMGAnnMGType.9 = STRING: g450
avCmStatusMGAnnMGType.10 = STRING: g450
avCmStatusMGAnnEnabled.1 = STRING: n
avCmStatusMGAnnEnabled.2 = STRING: n
avCmStatusMGAnnEnabled.3 = STRING: n
avCmStatusMGAnnEnabled.4 = STRING: y
avCmStatusMGAnnEnabled.5 = STRING: n
avCmStatusMGAnnEnabled.6 = STRING: n
avCmStatusMGAnnEnabled.8 = STRING: n
avCmStatusMGAnnEnabled.9 = STRING: n
avCmStatusMGAnnEnabled.10 = STRING: n
avCmStatusMGAnnStorUsedTotal.1 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.2 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.3 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.4 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.5 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.6 = STRING: n/a
```

```
avCmStatusMGAnnStorUsedTotal.8 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.9 = STRING: n/a
avCmStatusMGAnnStorUsedTotal.10 = STRING: n/a
avCmStatusMGAnnStorUsedUsed.1 = STRING:
avCmStatusMGAnnStorUsedUsed.2 = STRING:
avCmStatusMGAnnStorUsedUsed.3 = STRING:
avCmStatusMGAnnStorUsedUsed.4 = STRING:
avCmStatusMGAnnStorUsedUsed.5 = STRING:
avCmStatusMGAnnStorUsedUsed.6 = STRING:
avCmStatusMGAnnStorUsedUsed.8 = STRING:
avCmStatusMGAnnStorUsedUsed.9 = STRING:
avCmStatusMGAnnStorUsedUsed.10 = STRING:
avCmStatusMGAnnStorUsedAvail.1 = STRING:
avCmStatusMGAnnStorUsedAvail.2 = STRING:
avCmStatusMGAnnStorUsedAvail.3 = STRING:
avCmStatusMGAnnStorUsedAvail.4 = STRING:
avCmStatusMGAnnStorUsedAvail.5 = STRING:
avCmStatusMGAnnStorUsedAvail.6 = STRING:
avCmStatusMGAnnStorUsedAvail.8 = STRING:
avCmStatusMGAnnStorUsedAvail.9 = STRING:
avCmStatusMGAnnStorUsedAvail.10 = STRING:
avCmStatusMGAnnCfStatIns.1 = STRING:
avCmStatusMGAnnCfStatIns.2 = STRING:
avCmStatusMGAnnCfStatIns.3 = STRING:
avCmStatusMGAnnCfStatIns.4 = STRING:
avCmStatusMGAnnCfStatIns.5 = STRING:
avCmStatusMGAnnCfStatIns.6 = STRING:
avCmStatusMGAnnCfStatIns.8 = STRING:
avCmStatusMGAnnCfStatIns.9 = STRING:
avCmStatusMGAnnCfStatIns.10 = STRING:
avCmStatusMGAnnCfStatAct.1 = STRING:
avCmStatusMGAnnCfStatAct.2 = STRING:
avCmStatusMGAnnCfStatAct.3 = STRING:
avCmStatusMGAnnCfStatAct.4 = STRING:
avCmStatusMGAnnCfStatAct.5 = STRING:
avCmStatusMGAnnCfStatAct.6 = STRING:
avCmStatusMGAnnCfStatAct.8 = STRING:
avCmStatusMGAnnCfStatAct.9 = STRING:
avCmStatusMGAnnCfStatAct.10 = STRING:
avCmStatusMGAnnCfStatErr.1 = STRING:
avCmStatusMGAnnCfStatErr.2 = STRING:
avCmStatusMGAnnCfStatErr.3 = STRING:
avCmStatusMGAnnCfStatErr.4 = STRING:
avCmStatusMGAnnCfStatErr.5 = STRING:
avCmStatusMGAnnCfStatErr.6 = STRING:
avCmStatusMGAnnCfStatErr.8 = STRING:
avCmStatusMGAnnCfStatErr.9 = STRING:
avCmStatusMGAnnCfStatErr.10 = STRING:
```

# avCmListIntegAnn

| MIB group name | OID | Type |
|---|---|---|
| avCmListIntegAnn | enterprises.6889.2.73.8.1.63 | Table |

## Description

The avCmListIntegAnn MIB group displays the information of all the integrated announcements.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Configuration

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListIntegAnn | SAT | `list integrated-annc-boards` | INTEGRATED ANNOUNCEMENTS |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIntegAnnTable | .1 | n/a | SEQUENCE OF AvCmListIntegAnn Entry | n/a | An object containing the avCmListIntegAnn entries. |
| avCmListIntegAnnEntry | .1.1 | n/a | AvCmListIntegAnn Entry | n/a | An object containing the avCmListIntegAnn entry with the |

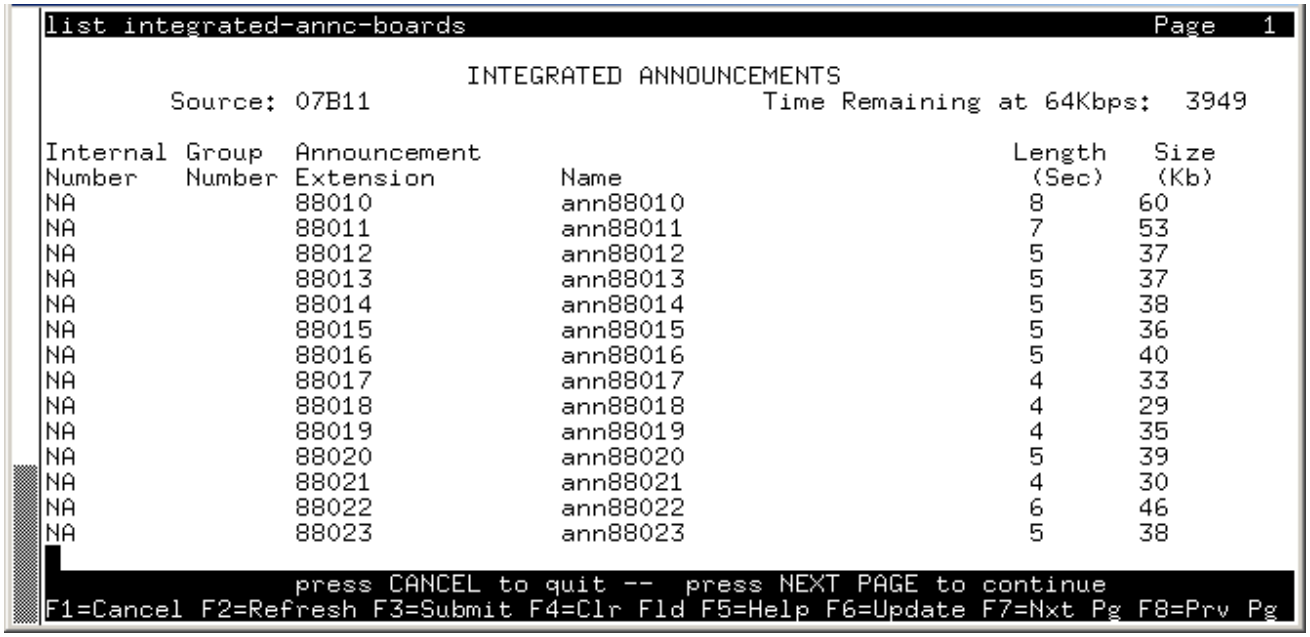
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | information that the switch sent. |
| avCmListIntegAnnIdx | . 1.1.1 | n/a | SnmpAdminString (SIZE (0..6)) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmListIntegAnnIntIdx | . 1.1.2 | n/a | SnmpAdminString (SIZE (0..4)) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |
| avCmListIntegAnnSource | . 1.1.3 | n/a | SnmpAdminString (SIZE (0..6)) | Source | An object containing the announcement source location. |
| INTEGRATED ANNOUNCEMENTS | | | | | |
| avCmListIntegAnnTimeRem | . 1.1.4 | R | SnmpAdminString (SIZE (0..3)) | Time remaining at | An object containing the run rate of the announcements. |
| INTEGRATED ANNOUNCEMENTS | | | | | |
| avCmListIntegAnnKbps | . 1.1.5 | R | SnmpAdminString (SIZE (0..6)) | kbps | An object containing the kilobytes per second of the announcements. |
| INTEGRATED ANNOUNCEMENTS | | | | | |
| avCmListIntegAnnIntNum | . 1.1.6 | R | SnmpAdminString (SIZE (0..4)) | Internal Number | An object containing the internal number of the announcement. |
| INTEGRATED ANNOUNCEMENTS | | | | | |
| avCmListIntegAnnGrpNum | . 1.1.7 | R | SnmpAdminString (SIZE (0..3)) | Group Number | An object containing the audio group number of the announcement. |
| INTEGRATED ANNOUNCEMENTS | | | | | |
| avCmListIntegAnnExtension | .11.8 | R | SnmpAdminString (SIZE (0..17)) | Extension | An object containing the announcement extension. |
| INTEGRATED ANNOUNCEMENTS | | | | | |
| avCmListIntegAnnName | . 1.1.9 | R | SnmpAdminString (SIZE (0..29)) | Name | An object containing the name of the announcement. |
| INTEGRATED ANNOUNCEMENTS | | | | | |
| avCmListIntegAnnLength | . 1.1.10 | R | Integer32 (0..99999) | Length | An object containing the length of the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| INTEGRATED ANNOUNCEMENTS | | | | | announcement in seconds. |
| avCmListIntegAnnSize<br>INTEGRATED ANNOUNCEMENTS | .1.1.1.1 | R | Integer32 (0..99999) | Size | An object containing the size of the announcement in kilobytes. |

## Sample output of forms



```
list integrated-annc-boards                                          Page   1

                          INTEGRATED ANNOUNCEMENTS
        Source: 07B11                          Time Remaining at 64Kbps:  3949

Internal  Group  Announcement                                    Length   Size
Number    Number Extension       Name                           (Sec)    (Kb)
NA               88010           ann88010                       8       60
NA               88011           ann88011                       7       53
NA               88012           ann88012                       5       37
NA               88013           ann88013                       5       37
NA               88014           ann88014                       5       38
NA               88015           ann88015                       5       36
NA               88016           ann88016                       5       40
NA               88017           ann88017                       4       33
NA               88018           ann88018                       4       29
NA               88019           ann88019                       4       35
NA               88020           ann88020                       5       39
NA               88021           ann88021                       4       30
NA               88022           ann88022                       6       46
NA               88023           ann88023                       5       38

               press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmListIntegAnn
avCmListIntegAnnSource."004V9"."NA" = STRING: 004V9
avCmListIntegAnnSource."07B11"."NA" = STRING: 07B11
avCmListIntegAnnTimeRem."004V9"."NA" = STRING: 64
avCmListIntegAnnTimeRem."07B11"."NA" = STRING: 64
avCmListIntegAnnKbps."004V9"."NA" = STRING: 2811
avCmListIntegAnnKbps."07B11"."NA" = STRING: 3949
avCmListIntegAnnIntNum."004V9"."NA" = STRING: NA
avCmListIntegAnnIntNum."07B11"."NA" = STRING: NA
avCmListIntegAnnGrpNum."004V9"."NA" = STRING:
avCmListIntegAnnGrpNum."07B11"."NA" = STRING:
avCmListIntegAnnExtension."004V9"."NA" = STRING: 88040
avCmListIntegAnnExtension."07B11"."NA" = STRING: 88010
avCmListIntegAnnName."004V9"."NA" = STRING: ann88040
avCmListIntegAnnName."07B11"."NA" = STRING: ann88010
avCmListIntegAnnLength."004V9"."NA" = INTEGER: 7
avCmListIntegAnnLength."07B11"."NA" = INTEGER: 8
avCmListIntegAnnSize."004V9"."NA" = INTEGER: 53
avCmListIntegAnnSize."07B11"."NA" = INTEGER: 6
```

# avCmMeasIpVoStatHrJitter

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIpVoStatHrJitter | enterprises.6889.2.73.8.1.66 | Table |

### Description

The avCmMeasIpVoStatHrJitter MIB group displays the hourly packet loss during calls for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVStatHrJitter | SAT | `list measurements ip voice-stats hourly jitter` | IP VOICE STATISTICS NETWORK REGION JITTER REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatHrJitterTable | .1 | n/a | SEQUENCE OF avCmMeasIpVoStatHrJitterEntry | n/a | An object containing the avCmMeasIpVoStatHrJitter entries. |
| avCmMeasIpVoStatHrJitterEntry | .1.1 | n/a | avCmMeasIpVoStatHrJitterEntry | n/a | An object containing the avCmMeasIpVoStatHrJitter entry with the information that the switch sent. |
| avCmMeasIpVoStatHrJitterRegIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An index in the network region. |
| avCmMeasIpVoStatHrJitterHourIdx | .1.1.2 | n/a | Integer32 (0..2300) | n/a | An index that contains the measurements of the packet loss voice statistics in the 24-hour format. |
| avCmMeasIpVoStatHrJitterIdx | .1.1.3 | n/a | Integer32 (0..9999) | n/a | A unique index for the packet loss voice statistics. |
| avCmMeasIpVoStatHrJitterRegion<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.4 | R | Integer32 (0..2000) | List Command: Region | An object containing the network region. |
| avCmMeasIpVoStatHrJitterMeasHour<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.5 | R | Integer32 (0..2300) | Measurement Hour | An object that containing the measurement hour. |
| avCmMeasIpVoStatHrJitterRunTime<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date. |
| avCmMeasIpVoStatHrJitterBoardLoc | .1.1.7 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS NETWORK REGION JITTER REPORT | | | | | |
| avCmMeasIpVoStatHrJitterCallingNum<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIpVoStatHrJitterCalledNum<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatHrJitterCodec<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.10 | R | SnmpAdminString (SIZE (0..8)) | Codec | An object containing the codec. |
| avCmMeasIpVoStatHrJitterPktSize<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.11 | R | Integer32 (0..999) | Pkt Size | An object containing the packet size. |
| avCmMeasIpVoStatHrJitterTimeCall<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.12 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the time of the call. |
| avCmMeasIpVoStatHrJitterBufSize<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.13 | R | SnmpAdminString (SIZE (0..4)) | Jitter-Buffer Size | An object containing the size of the jitter buffer. |
| avCmMeasIpVoStatHrJitterBufOrn<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.14 | R | SnmpAdminString (SIZE (0..4)) | Jitter Buffer Orn | An object containing the Orn of the jitter buffer. |
| avCmMeasIpVoStatHrJitterBufUrn | .1.1.15 | R | SnmpAdminString (SIZE (0..4)) | Jitter Buffer Urn | An object containing the Urn of the jitter buffer. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS NETWORK REGION JITTER REPORT | | | | | |
| avCmMeasIpVoStatHrJitterAvgJitter<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..5)) | Jitter Avg | An object containing the average jitter. |
| avCmMeasIpVoStatHrJitterPeakJitter<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..5)) | Jitter Peak | An object containing the peak jitter. |
| avCmMeasIpVoStatHrJitterFarIpAddr<br>IP VOICE STATISTICS NETWORK REGION JITTER REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..41)) | Farend IP-Addr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats hourly jitter 1

Switch Name:                                    Date: 5:50 am  FRI MAY 29, 2015
                IP VOICE STATISTICS NETWORK REGION JITTER REPORT
                                                  Pkt  Time Jitter-Buffer Jitter
Meas Board Calling       Called Number/           Size  of  Size Orn Urn Avg Peak
Hour Loc   Number        Farend IP-Addr Codec     (ms) Call (ms)           (ms)
100  01A06 5021618       5022210        g711m     20   4051 1198 19  11  1092 1198
                         10.216.0.251
100  01A06 5021618       5022210        g711m     20   4041 996  8   3   996  996
                         10.216.0.252
100  01A06 5021618       5022210        g711m     20   4043 987  19  11  987  987
                         10.216.0.251
100  01A06 5021678       5022682        g711m     20   4017 596  10  12  596  596
                         10.216.0.252
100  01A06 5021985       5022661        g711m     20   4009 595  10  11  595  595
                         10.216.0.252

Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatHrJitter
avCmMeasIpVoStatHrJitterRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatHrJitterRegion.1.100.2 = INTEGER: 1
:
```

```
:
avCmMeasIpVoStatHrJitterRegion.3.2100.2 = INTEGER: 3
avCmMeasIpVoStatHrJitterMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatHrJitterMeasHour.1.100.2 = INTEGER: 100
:
:
avCmMeasIpVoStatHrJitterMeasHour.3.2100.2 = INTEGER: 2100
avCmMeasIpVoStatHrJitterRunTime.1.100.1 = STRING: 5:51 am FRI MAY 29, 2015
avCmMeasIpVoStatHrJitterRunTime.1.100.2 = STRING: 5:51 am FRI MAY 29, 2015
:
:
avCmMeasIpVoStatHrJitterRunTime.3.2100.2 = STRING: 5:51 am FRI MAY 29, 2015
avCmMeasIpVoStatHrJitterBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatHrJitterBoardLoc.1.100.2 = STRING: 01A06
:
:
avCmMeasIpVoStatHrJitterBoardLoc.3.2100.2 = STRING: 01A03
avCmMeasIpVoStatHrJitterCallingNum.1.100.1 = STRING: 5021618
avCmMeasIpVoStatHrJitterCallingNum.1.100.2 = STRING: 5021618
:
:
avCmMeasIpVoStatHrJitterCallingNum.3.2100.2 = STRING: 5021045
avCmMeasIpVoStatHrJitterCalledNum.1.100.1 = STRING: 5022210
326
avCmMeasIpVoStatHrJitterCalledNum.1.100.2 = STRING: 5022210
:
:
avCmMeasIpVoStatHrJitterCalledNum.3.2100.2 = STRING: 5022720
avCmMeasIpVoStatHrJitterCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatHrJitterCodec.1.100.2 = STRING: g711m
:
:
avCmMeasIpVoStatHrJitterCodec.3.2100.2 = STRING: g711m
avCmMeasIpVoStatHrJitterPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatHrJitterPktSize.1.100.2 = INTEGER: 20
:
:
avCmMeasIpVoStatHrJitterPktSize.3.2100.2 = INTEGER: 20
avCmMeasIpVoStatHrJitterTimeCall.1.100.1 = STRING: 4051
avCmMeasIpVoStatHrJitterTimeCall.1.100.2 = STRING: 4041
:
:
avCmMeasIpVoStatHrJitterTimeCall.3.2100.2 = STRING: 4223
avCmMeasIpVoStatHrJitterBufSize.1.100.1 = STRING: 119
avCmMeasIpVoStatHrJitterBufSize.1.100.2 = STRING: 996
:
:
avCmMeasIpVoStatHrJitterBufSize.3.2100.2 = STRING: 242
avCmMeasIpVoStatHrJitterBufOrn.1.100.1 = STRING: 19
avCmMeasIpVoStatHrJitterBufOrn.1.100.2 = STRING: 8
:
:
avCmMeasIpVoStatHrJitterBufOrn.3.2100.2 = STRING: 0
avCmMeasIpVoStatHrJitterBufUrn.1.100.1 = STRING: 11
avCmMeasIpVoStatHrJitterBufUrn.1.100.2 = STRING: 3
:
:
avCmMeasIpVoStatHrJitterBufUrn.3.2100.2 = STRING: 8
avCmMeasIpVoStatHrJitterAvgJitter.1.100.1 = STRING: 1092
avCmMeasIpVoStatHrJitterAvgJitter.1.100.2 = STRING: 996
:
:
avCmMeasIpVoStatHrJitterAvgJitter.3.2100.2 = STRING: 208
avCmMeasIpVoStatHrJitterPeakJitter.1.100.1 = STRING: 1198
avCmMeasIpVoStatHrJitterPeakJitter.1.100.2 = STRING: 996
```

```
:
:
avCmMeasIpVoStatHrJitterPeakJitter.3.2100.2 = STRING: 242
avCmMeasIpVoStatHrJitterFarIpAddr.1.100.1 = STRING: 10.216.0.251
avCmMeasIpVoStatHrJitterFarIpAddr.1.100.2 = STRING: 10.216.0.252
:
:
avCmMeasIpVoStatHrJitterFarIpAddr.3.2100.2 = STRING: 10.216.0.252
vit@server1>
```

# avCmMeasIPVoStatHrPkLos

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIPVoStatHrPkLos | enterprises.6889.2.73.8.1.65 | Table |

### Description

The avCmMeasIPVoStatHrPkLos MIB group displays the hourly packet loss during calls for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIPVoStatHrPkLos | SAT | **list measurements ip voice-stats hourly pktloss** | IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIPVoStatHrPkLosTable<br> | .1 | n/a | SEQUENCE OF avCmMeasIPVoStatHrPkLosEntry | n/a | An object containing the avCmMeasIPVoStatHrPkLos entries. |
| avCmMeasIPVoStatHrPkLosEntry<br> | .1.1 | n/a | avCmMeasIPVoStatHrPkLosEntry | n/a | An object containing the avCmMeasIPVoStatHrPkLos entry with the information that the switch sent. |
| avCmMeasIPVoStatHrPkLosRegIdx<br> | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An index in the network region. |
| avCmMeasIPVoStatHrPkLosHourIdx<br> | .1.1.2 | n/a | Integer32 (0..2300) | n/a | An index that contains the measurements of the packet loss voice statistics in the 24-hour format. |
| avCmMeasIPVoStatHrPkLosIdx<br> | .1.1.3 | n/a | Integer32 (0..9999) | n/a | A unique index for the packet loss voice statistics. |
| avCmMeasIPVoStatHrPkLosRegion<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.4 | R | Integer32 (0..2000) | List Command: Region | An object containing the network region. |
| avCmMeasIPVoStatHrPkLosMeasHour<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.5 | R | Integer32 (0..2300) | Measurement Hour | An object that containing the measurement hour. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIPVoStatHrPkLosRunTime<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date. |
| avCmMeasIPVoStatHrPkLosBoardLoc<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.7 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |
| avCmMeasIPVoStatHrPkLosCallingNum<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIPVoStatHrPkLosCalledNum<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIPVoStatHrPkLosCodec<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.10 | R | SnmpAdminString (SIZE (0..8)) | Codec | An object containing the codec. |
| avCmMeasIPVoStatHrPkLosPktSize<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.11 | R | Integer32 (0..999) | Pkt Size | An object containing the network region where the media processor is located. |
| avCmMeasIPVoStatHrPkLosDstReg<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.12 | R | Integer32 (0..5) | Dst Reg | An object containing the timestamp when the threshold is exceeded in the call. The timestamp displays minutes and seconds in the MM-SS format. |
| avCmMeasIPVoStatHrPkLosAvg | .1.1.13 | R | Integer32 (0..6) | RT-Delay Avg | An object containing the UDP port assigned to the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | | | | | media process for the call. |
| avCmMeasIPVoStatHrPkLosPeak<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.14 | R | Integer32 (0..999) | RT-Delay Peak | An object containing the packet size of each data stream of the call in milliseconds. |
| avCmMeasIPVoStatHrPkLosTimeCall<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.15 | R | Integer32 (0..9999) | Time of Call | An object containing the number of total packets lost for the call. |
| avCmMeasIPVoStatHrPkLosDataCall<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..3)) | Data Call | An object containing the indication of data calls. |
| avCmMeasIPVoStatHrPkLosEncrypc<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..2)) | Encryp | An object containing the peak packet loss in the call. The packet loss rate is calculated at 10-second intervals. |
| avCmMeasIPVoStatHrPkLosEC<br>IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..41)) | FEAddr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats hourly pktloss 2                    Page   1

Switch Name:                                    Date: 2:33 am  MON JUN 1, 2015
                IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT
                                                 Time          Pkt    Total Packet
Meas Board  Calling Number/                Dst    of    UDP    Size   #lost   Loss  Sil
Hour Loc    Called#/FEAddr  Codec          Reg   Call   Port   (ms)    Pkts     %    Sup
100  01A14  5020055          g711m          2     4205   30308  20      292      31    n
            5020155        10.129.137.155
100  01A14  5020076          g711m          2     5311   30350  20      268      30    n
            5020176        10.129.137.176
100  01A14  5020097          g711m          2     3751   30392  20      374      30    n
            5020197        10.129.137.197
100  01A14  5020069          g711m          2     1327   30336  20      1170     30    n
            5020169        10.129.137.169
100  01A14  5020082          g711m          2     0625   30362  20      618      30    n
            5020182        10.129.137.182
0    01A14  5020040          g711m          2     0413   30278  20      492      30    n
            5020140        10.129.137.140
0    01A14  5020030          g711m          2     2607   30258  20      1186     29    n
            5020130        10.129.137.130

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatHrPkLos
avCmMeasIpVoStatHrPkLosRegion.1.0.6 = INTEGER: 1
avCmMeasIpVoStatHrPkLosRegion.1.0.7 = INTEGER: 1
:
:
avCmMeasIpVoStatHrPkLosRegion.2.2300.15 = INTEGER: 2
avCmMeasIpVoStatHrPkLosMeasHour.1.0.6 = INTEGER: 0
avCmMeasIpVoStatHrPkLosMeasHour.1.0.7 = INTEGER: 0
:
:
avCmMeasIpVoStatHrPkLosMeasHour.2.2300.15 = INTEGER: 2300
avCmMeasIpVoStatHrPkLosRunTime.1.0.6 = STRING: 2:30 am MON JUN 1, 2015
avCmMeasIpVoStatHrPkLosRunTime.1.0.7 = STRING: 2:30 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatHrPkLosRunTime.2.2300.15 = STRING: 2:30 am MON JUN 1, 2015
avCmMeasIpVoStatHrPkLosBoardLoc.1.0.6 = STRING: 01A06
avCmMeasIpVoStatHrPkLosBoardLoc.1.0.7 = STRING: 01A06
:
:
avCmMeasIpVoStatHrPkLosBoardLoc.2.2300.15 = STRING: 01A14
avCmMeasIpVoStatHrPkLosCallingNum.1.0.6 = STRING: 5020084
avCmMeasIpVoStatHrPkLosCallingNum.1.0.7 = STRING: 5020001
:
:
avCmMeasIpVoStatHrPkLosCallingNum.2.2300.15 = STRING: 5020003
avCmMeasIpVoStatHrPkLosCalledNum.1.0.6 = STRING: 5020184
avCmMeasIpVoStatHrPkLosCalledNum.1.0.7 = STRING: 5020101
:
:
avCmMeasIpVoStatHrPkLosCalledNum.2.2300.15 = STRING: 5020103
avCmMeasIpVoStatHrPkLosCodec.1.0.6 = STRING: g711m
avCmMeasIpVoStatHrPkLosCodec.1.0.7 = STRING: g711m
:
```

```
:
avCmMeasIpVoStatHrPkLosCodec.2.2300.15 = STRING: g711m
avCmMeasIpVoStatHrPkLosDstReg.1.0.6 = INTEGER: 3
avCmMeasIpVoStatHrPkLosDstReg.1.0.7 = INTEGER: 3
:
:
avCmMeasIpVoStatHrPkLosDstReg.2.2300.15 = INTEGER: 2
avCmMeasIpVoStatHrPkLosTimeCall.1.0.6 = STRING: 2633
avCmMeasIpVoStatHrPkLosTimeCall.1.0.7 = STRING: 4215
:
:
avCmMeasIpVoStatHrPkLosTimeCall.2.2300.15 = STRING: 0101
avCmMeasIpVoStatHrPkLosUDPPort.1.0.6 = STRING: 30166
avCmMeasIpVoStatHrPkLosUDPPort.1.0.7 = STRING: 30000
:
:
avCmMeasIpVoStatHrPkLosUDPPort.2.2300.15 = STRING: 30204
avCmMeasIpVoStatHrPkLosPktSize.1.0.6 = INTEGER: 20
avCmMeasIpVoStatHrPkLosPktSize.1.0.7 = INTEGER: 20
:
:
avCmMeasIpVoStatHrPkLosPktSize.2.2300.15 = INTEGER: 20
avCmMeasIpVoStatHrPkLosTotnumLosPkts.1.0.6 = INTEGER: 379
avCmMeasIpVoStatHrPkLosTotnumLosPkts.1.0.7 = INTEGER: 1258
:
:
avCmMeasIpVoStatHrPkLosTotnumLosPkts.2.2300.15 = INTEGER: 388
avCmMeasIpVoStatHrPkLosPktLossPerc.1.0.6 = STRING: 30
avCmMeasIpVoStatHrPkLosPktLossPerc.1.0.7 = STRING: 29
:
:
avCmMeasIpVoStatHrPkLosPktLossPerc.2.2300.15 = STRING: 29
avCmMeasIpVoStatHrPkLosSilSup.1.0.6 = STRING: n
avCmMeasIpVoStatHrPkLosSilSup.1.0.7 = STRING: n
:
:
avCmMeasIpVoStatHrPkLosSilSup.2.2300.15 = STRING: n
avCmMeasIpVoStatHrPkLosFEAddr.1.0.6 = STRING: 10.129.137.84
avCmMeasIpVoStatHrPkLosFEAddr.1.0.7 = STRING: 10.129.137.1
:
:
avCmMeasIpVoStatHrPkLosFEAddr.2.2300.15 = STRING: 10.129.137.103
```

# avCmMeasIpVoStatHrRtDel

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatHrRtdel | enterprises.6889.2.73.8.1.66 | Table |

## Description

The avCmMeasIpVoStatHrRtdel MIB group displays the hourly packet delay during calls for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

## Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatHrRtdel | SAT | `list measurements ip voice-stats hourly rtdelay` | IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatHrRtdelTable | .1 | n/a | SEQUENCE OF AvCmMeasIpVoStatHrRtdelEntry | n/a | An object containing the avCmMeasIpVoStatHrRtdelentries. |
| avCmMeasIpVoStatHrRtdelEntry | .1.1 | n/a | AvCmMeasIpVoStatHrRtdelEntry | n/a | An object containing the avCmMeasIpVoStatHrRtdel entry with the information that the switch sent. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatHrRtdelRegIdx | .1.1.1 | n/a | Integer32 (0..2300) | n/a | An index in the network region. |
| | | | | | |
| avCmMeasIpVoStatHrRtdelHourIdx | .1.1.2 | n/a | Integer32 (0..2300) | n/a | An index that contains the measurements of the packet loss voice statistics in the 24-hour format. |
| | | | | | |
| avCmMeasIpVoStatHrRtdelIdx | .1.1.3 | n/a | Integer32 (0..9999) | n/a | A unique index for the packet loss voice statistics. |
| | | | | | |
| avCmMeasIpVoStatHrRtdelRegion | .1.1.4 | R | Integer32 (0..2000) | List Command: Region | An object containing the network region. |
| IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | | | | | |
| avCmMeasIpVoStatHrRtdelMeasHour | .1.1.5 | R | Integer32 (0..2300) | Measurement Hour | An object that containing the measurement hour. |
| IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | | | | | |
| avCmMeasIpVoStatHrRtdelRunTime | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date. |
| IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | | | | | |
| avCmMeasIpVoStatHrRtdelBoardLoc | .1.1.7 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |
| IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | | | | | |
| avCmMeasIpVoStatHrRtdelCallingNum | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | | | | | |
| avCmMeasIpVoStatHrRtdelCalledNum | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | | | | | |
| avCmMeasIpVoStatHrRtdelCodec<br>IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | .1.1.10 | R | SnmpAdminString (SIZE (0..8)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatHrRtdelPktSize<br>IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | .1.1.11 | R | Integer32 (0..999) | Pkt Size | An object containing the packet size of each data stream of the call in milliseconds. |
| avCmMeasIpVoStatHrRtdelDstReg<br>IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | .1.1.12 | R | Integer32 (0..9999) | Dst Reg | An object containing the network region where the media processor is located. |
| avCmMeasIpVoStatHrRtdelAvg<br>IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | .1.1.13 | R | Integer32 (0..9999) | RT-Delay Avg | An object containing the average two-way packet delay in milliseconds. |
| avCmMeasIpVoStatHrRtdelPeak<br>IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | .1.1.14 | R | Integer32 (0..9999) | RT-Delay Peak | An object containing the peak two-way packet delay in the call. |
| avCmMeasIpVoStatHrRtdelTimeCall<br>IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | .1.1.15 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the timestamp when the threshold is exceeded in the call. The timestamp displays minutes and seconds in the MM-SS format. |
| avCmMeasIpVoStatHrRtdelDataCall<br>IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..2)) | Data Call | An object containing the indication of data calls. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatHrRtdelEncrypc<br>IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..2)) | Encryp | An object containing the indication of media encryption. |
| avCmMeasIpVoStatHrRtdelEC<br>IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..2)) | EC | An object containing the status of echo cancellation. |
| avCmMeasIpVoStatHrRtdelFEAddr<br>IP VOICE STATSTICS NETWORK REGION RTDELAY REPORT | .1.1.19 | R | SnmpAdminString (SIZE (0..41)) | FE-Addr | An object containing the far end IP address. |

## Sample output of forms

```
list measurements ip voice-stats hourly rtdelay 1

Switch Name:                                        Date: 6:09 am  FRI MAY 29, 2015
                  IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT
                                          Pkt       RT-Delay  Time
Meas Board  Calling Number/                Size Dst Avg  Peak  of  Data
Hour Loc    Called#/FE-Addr  Codec         (ms) Reg (ms)      Call Call Encryp  EC
100  01A06  5021678           g711m   20    3   1    2    4027  n      n      n
            5022682         10.216.0.252
100  01A06  5021618           g711m   20    3   0    1    4035  n      n      n
            5022210         10.216.0.251
100  01A06  5021678           g711m   20    3   1    1    4023  n      n      n
            5022682         10.216.0.252
100  01A06  5021106           g711m   20    3   0    1    4015  n      n      n
            5022097         10.216.0.251
100  01A06  5021181           g711m   20    3   0    1    3955  n      n      n
            5022777         10.216.0.251

Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatHrRtdel
avCmMeasIpVoStatHrRtdelRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatHrRtdelRegion.1.100.2 = INTEGER: 1
:
:
avCmMeasIpVoStatHrRtdelRegion.3.2300.4 = INTEGER: 3
avCmMeasIpVoStatHrRtdelMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatHrRtdelMeasHour.1.100.2 = INTEGER: 100
```

```
:
:
avCmMeasIpVoStatHrRtdelMeasHour.3.2300.4 = INTEGER: 2300
avCmMeasIpVoStatHrRtdelRunTime.1.100.1 = STRING: 7:28 am FRI MAY 29, 2015
avCmMeasIpVoStatHrRtdelRunTime.1.100.2 = STRING: 7:28 am FRI MAY 29, 2015
:
:
avCmMeasIpVoStatHrRtdelRunTime.3.2300.4 = STRING: 7:28 am FRI MAY 29, 2015
avCmMeasIpVoStatHrRtdelBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatHrRtdelBoardLoc.1.100.2 = STRING: 01A06
:
:
avCmMeasIpVoStatHrRtdelBoardLoc.3.2300.4 = STRING: 01A03
avCmMeasIpVoStatHrRtdelCallingNum.1.100.1 = STRING: 5021678
avCmMeasIpVoStatHrRtdelCallingNum.1.100.2 = STRING: 5021618
:
:
avCmMeasIpVoStatHrRtdelCallingNum.3.2300.4 = STRING: 5021010
avCmMeasIpVoStatHrRtdelCalledNum.1.100.1 = STRING: 5022682
avCmMeasIpVoStatHrRtdelCalledNum.1.100.2 = STRING: 5022210
:
:
avCmMeasIpVoStatHrRtdelCalledNum.3.2300.4 = STRING: 5022433
avCmMeasIpVoStatHrRtdelCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatHrRtdelCodec.1.100.2 = STRING: g711m
:
:
avCmMeasIpVoStatHrRtdelCodec.3.2300.4 = STRING: g711m
avCmMeasIpVoStatHrRtdelPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatHrRtdelPktSize.1.100.2 = INTEGER: 20
:
:
avCmMeasIpVoStatHrRtdelPktSize.3.2300.4 = INTEGER: 20
avCmMeasIpVoStatHrRtdelDstReg.1.100.1 = INTEGER: 3
avCmMeasIpVoStatHrRtdelDstReg.1.100.2 = INTEGER: 3
:
:
avCmMeasIpVoStatHrRtdelDstReg.3.2300.4 = INTEGER: 3
avCmMeasIpVoStatHrRtdelAvg.1.100.1 = INTEGER: 1
avCmMeasIpVoStatHrRtdelAvg.1.100.2 = INTEGER: 0
:
:
avCmMeasIpVoStatHrRtdelAvg.3.2300.4 = INTEGER: 6
avCmMeasIpVoStatHrRtdelPeak.1.100.1 = INTEGER: 2
avCmMeasIpVoStatHrRtdelPeak.1.100.2 = INTEGER: 1
:
:
avCmMeasIpVoStatHrRtdelPeak.3.2300.4 = INTEGER: 6
avCmMeasIpVoStatHrRtdelTimeCall.1.100.1 = STRING: 4027
avCmMeasIpVoStatHrRtdelTimeCall.1.100.2 = STRING: 4035
:
:
avCmMeasIpVoStatHrRtdelTimeCall.3.2300.4 = STRING: 3130
avCmMeasIpVoStatHrRtdelDataCall.1.100.1 = STRING: n
avCmMeasIpVoStatHrRtdelDataCall.1.100.2 = STRING: n
:
:
avCmMeasIpVoStatHrRtdelDataCall.3.2300.4 = STRING: n
avCmMeasIpVoStatHrRtdelEncryp.1.100.1 = STRING: n
avCmMeasIpVoStatHrRtdelEncryp.1.100.2 = STRING: n
:
:
avCmMeasIpVoStatHrRtdelEncryp.3.2300.4 = STRING: n
avCmMeasIpVoStatHrRtdelEC.1.100.1 = STRING: n
avCmMeasIpVoStatHrRtdelEC.1.100.2 = STRING: n
```

```
:
:
avCmMeasIpVoStatHrRtdelEC.3.2300.4 = STRING: y
avCmMeasIpVoStatHrRtdelFEAddr.1.100.1 = STRING: 10.216.0.252
avCmMeasIpVoStatHrRtdelFEAddr.1.100.2 = STRING: 10.216.0.251
:
:
avCmMeasIpVoStatHrRtdelFEAddr.3.2300.4 = STRING: 10.216.0.252
```

# avCmMeasIpVoStatHrData

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatHrData | enterprises.6889.2.73.8.1.67 | Table |

### Description

The avCmMeasIpVoStatHrData MIB group displays the hourly data for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatHrData | SAT | **list measurements ip voice-stats hourly data** | IP VOICE STATISTICS NETWORK REGION DATA REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatHrDataTable | .1 | n/a | SEQUENCE OF AvCmMeasIpVoStatHrDataEntry | n/a | An object containing the avCmMeasIpVoStatHrData entries. |
| avCmMeasIpVoStatHrDataEntry | .1.1 | n/a | AvCmMeasIpVoStatHrDataEntry | n/a | An object containing the avCmMeasIpVoStatHData entry with the information that the switch sent. |
| avCmMeasIpVoStatHrDataRegIdx | .1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| avCmMeasIpVoStatHrDataHourIdx | .1.1.2 | n/a | Integer32 (0..20300) | n/a | An index that contains the measurements of the data voice statistics. |
| avCmMeasIpVoStatHrDataIdx | .1.1.3 | n/a | Integer32 (0..9999) | n/a | A unique index for the data voice statistics. |
| avCmMeasIpVoStatHrDataRegion<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.4 | R | Integer32 (0..2000) | List Command: Region | An object containing the network region. |
| avCmMeasIpVoStatHrDataMeasHour<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.5 | R | Integer32 (0..2300) | Measurement Hour | An object containing the measurement hour. |
| avCmMeasIpVoStatHrDataRunTime | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS NETWORK REGION DATA REPORT | | | | | |
| avCmMeasIpVoStatHrDataBoardLoc<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.7 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |
| avCmMeasIpVoStatHrDataCallingNum<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIpVoStatHrDataCalledNum<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatHrDataCodec<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.10 | R | SnmpAdminString (SIZE (0..8)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatHrDataDataType<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.11 | R | SnmpAdminString (SIZE (0..7)) | Data Type | An object containing the type of the call: ttyrel (TTY Relay), mod-pt (Modem pass-through), fax-pt (FAX pass-through), tty-pt (TTY pass-through), t38fax (T.38 FAX), faxrel (FAX relay), modrel (Modem relay) |
| avCmMeasIpVoStatHrDataPktSize<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.12 | R | SnmpAdminString (SIZE (0..999)) | Pkt Size | An object containing the packet size of each data stream of the call in milliseconds. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatHrDataLostPerc<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.13 | R | SnmpAdminString (SIZE (0..4)) | Loss% | An object containing the total packet loss during the call in percentage. The packet lost is calculated at 10-second intervals. |
| avCmMeasIpVoStatHrDataPeakJitter<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.14 | R | Integer32 (0..9999) | Peak Jit | An object containing the peak jitter during the call in milliseconds. |
| avCmMeasIpVoStatHrDataPeakDly<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.15 | R | Integer32 (0..9999) | Dly | An object containing the two-delay during the call in milliseconds. |
| avCmMeasIpVoStatHrDataDataEC<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..2)) | EC | an object containing the status of echo cancellation. |
| avCmMeasIpVoStatHrDataFarIPAddr<br>IP VOICE STATISTICS NETWORK REGION DATA REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..41)) | Farend IPAddr | An object containing the far end IP address. |

## Sample output of forms

```
list measurements ip voice-stats hourly data 3

Switch Name:                                        Date: 3:07 pm  MON JUL 13, 2015
                  IP VOICE STATISTICS NETWORK REGION DATA REPORT
                                                                 Packet      Peak
Meas   Board  Calling       Called Num/                 Data    Size  Loss  Jit  Dly EC
Hour   Loc    Number        Farend IPAddr  Codec        Type    (ms)   %      (ms)
1400   01A05  4010          4042           g711m        mod-pt  10     0     0    1     n
                            135.9.78.247
1400   01A05  4010          4042           g711m        mod-pt  10     0     0    1     n
                            135.9.78.247
1400   01A05  4010          4042           g711m        mod-pt  10     0     0    1     n
                            135.9.78.247
1400   01A05  4010          4042           g711m        mod-pt  10     0     0    1     n
                            135.9.78.247
1400   01A05  4010          4042           g711m        mod-pt  10     0     0    1     n
                            135.9.78.247

Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 40 -v2c -Os -c public localhost -m /usr/share/snmp/mibs/AVAYA-AURA-
CM-MIB.txt avCmMeasIpVoStatHrData
avCmMeasIpVoStatHrDataRegion.3.1400.1 = INTEGER: 3
avCmMeasIpVoStatHrDataRegion.3.1400.2 = INTEGER: 3
avCmMeasIpVoStatHrDataRegion.3.1400.3 = INTEGER: 3
avCmMeasIpVoStatHrDataRegion.3.1400.4 = INTEGER: 3
avCmMeasIpVoStatHrDataRegion.3.1400.5 = INTEGER: 3
avCmMeasIpVoStatHrDataRegion.12.1400.1 = INTEGER: 12
avCmMeasIpVoStatHrDataRegion.12.1400.2 = INTEGER: 12
avCmMeasIpVoStatHrDataRegion.12.1400.3 = INTEGER: 12
avCmMeasIpVoStatHrDataRegion.12.1400.4 = INTEGER: 12
avCmMeasIpVoStatHrDataRegion.12.1400.5 = INTEGER: 12
avCmMeasIpVoStatHrDataMeasHour.3.1400.1 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.3.1400.2 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.3.1400.3 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.3.1400.4 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.3.1400.5 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.12.1400.1 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.12.1400.2 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.12.1400.3 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.12.1400.4 = INTEGER: 1400
avCmMeasIpVoStatHrDataMeasHour.12.1400.5 = INTEGER: 1400
avCmMeasIpVoStatHrDataRunTime.3.1400.1 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.3.1400.2 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.3.1400.3 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.3.1400.4 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.3.1400.5 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.12.1400.1 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.12.1400.2 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.12.1400.3 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.12.1400.4 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataRunTime.12.1400.5 = STRING: 3:14 pm MON JUL 13, 2015
avCmMeasIpVoStatHrDataBoardLoc.3.1400.1 = STRING: 01A05
avCmMeasIpVoStatHrDataBoardLoc.3.1400.2 = STRING: 01A05
avCmMeasIpVoStatHrDataBoardLoc.3.1400.3 = STRING: 01A05
```

```
avCmMeasIpVoStatHrDataBoardLoc.3.1400.4 = STRING: 01A05
avCmMeasIpVoStatHrDataBoardLoc.3.1400.5 = STRING: 01A05
avCmMeasIpVoStatHrDataBoardLoc.12.1400.1 = STRING: 07A03
avCmMeasIpVoStatHrDataBoardLoc.12.1400.2 = STRING: 07A03
avCmMeasIpVoStatHrDataBoardLoc.12.1400.3 = STRING: 07A03
avCmMeasIpVoStatHrDataBoardLoc.12.1400.4 = STRING: 07A03
avCmMeasIpVoStatHrDataBoardLoc.12.1400.5 = STRING: 07A03
avCmMeasIpVoStatHrDataCallingNum.3.1400.1 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.3.1400.2 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.3.1400.3 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.3.1400.4 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.3.1400.5 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.12.1400.1 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.12.1400.2 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.12.1400.3 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.12.1400.4 = STRING: 4010
avCmMeasIpVoStatHrDataCallingNum.12.1400.5 = STRING: 4010
avCmMeasIpVoStatHrDataCalledNum.3.1400.1 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.3.1400.2 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.3.1400.3 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.3.1400.4 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.3.1400.5 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.12.1400.1 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.12.1400.2 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.12.1400.3 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.12.1400.4 = STRING: 4042
avCmMeasIpVoStatHrDataCalledNum.12.1400.5 = STRING: 4042
avCmMeasIpVoStatHrDataCodec.3.1400.1 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.3.1400.2 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.3.1400.3 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.3.1400.4 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.3.1400.5 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.12.1400.1 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.12.1400.2 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.12.1400.3 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.12.1400.4 = STRING: g711m
avCmMeasIpVoStatHrDataCodec.12.1400.5 = STRING: g711m
avCmMeasIpVoStatHrDataDataType.3.1400.1 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.3.1400.2 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.3.1400.3 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.3.1400.4 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.3.1400.5 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.12.1400.1 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.12.1400.2 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.12.1400.3 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.12.1400.4 = STRING: mod-pt
avCmMeasIpVoStatHrDataDataType.12.1400.5 = STRING: mod-pt
avCmMeasIpVoStatHrDataPktSize.3.1400.1 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.3.1400.2 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.3.1400.3 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.3.1400.4 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.3.1400.5 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.12.1400.1 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.12.1400.2 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.12.1400.3 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.12.1400.4 = INTEGER: 10
avCmMeasIpVoStatHrDataPktSize.12.1400.5 = INTEGER: 10
avCmMeasIpVoStatHrDataLossPerc.3.1400.1 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.3.1400.2 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.3.1400.3 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.3.1400.4 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.3.1400.5 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.12.1400.1 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.12.1400.2 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.12.1400.3 = STRING: 0
```

```
avCmMeasIpVoStatHrDataLossPerc.12.1400.4 = STRING: 0
avCmMeasIpVoStatHrDataLossPerc.12.1400.5 = STRING: 0
avCmMeasIpVoStatHrDataPeakJitter.3.1400.1 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.3.1400.2 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.3.1400.3 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.3.1400.4 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.3.1400.5 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.12.1400.1 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.12.1400.2 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.12.1400.3 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.12.1400.4 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakJitter.12.1400.5 = INTEGER: 0
avCmMeasIpVoStatHrDataPeakDly.3.1400.1 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.3.1400.2 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.3.1400.3 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.3.1400.4 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.3.1400.5 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.12.1400.1 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.12.1400.2 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.12.1400.3 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.12.1400.4 = INTEGER: 1
avCmMeasIpVoStatHrDataPeakDly.12.1400.5 = INTEGER: 1
avCmMeasIpVoStatHrDataEC.3.1400.1 = STRING: n
avCmMeasIpVoStatHrDataEC.3.1400.2 = STRING: n
avCmMeasIpVoStatHrDataEC.3.1400.3 = STRING: n
avCmMeasIpVoStatHrDataEC.3.1400.4 = STRING: n
avCmMeasIpVoStatHrDataEC.3.1400.5 = STRING: n
avCmMeasIpVoStatHrDataEC.12.1400.1 = STRING: n
avCmMeasIpVoStatHrDataEC.12.1400.2 = STRING: n
avCmMeasIpVoStatHrDataEC.12.1400.3 = STRING: n
avCmMeasIpVoStatHrDataEC.12.1400.4 = STRING: n
avCmMeasIpVoStatHrDataEC.12.1400.5 = STRING: n
avCmMeasIpVoStatHrDataFarIpAddr.3.1400.1 = STRING: 135.9.78.247
avCmMeasIpVoStatHrDataFarIpAddr.3.1400.2 = STRING: 135.9.78.247
avCmMeasIpVoStatHrDataFarIpAddr.3.1400.3 = STRING: 135.9.78.247
avCmMeasIpVoStatHrDataFarIpAddr.3.1400.4 = STRING: 135.9.78.247
avCmMeasIpVoStatHrDataFarIpAddr.3.1400.5 = STRING: 135.9.78.247
avCmMeasIpVoStatHrDataFarIpAddr.12.1400.1 = STRING: 135.9.78.205
avCmMeasIpVoStatHrDataFarIpAddr.12.1400.2 = STRING: 135.9.78.205
avCmMeasIpVoStatHrDataFarIpAddr.12.1400.3 = STRING: 135.9.78.205
avCmMeasIpVoStatHrDataFarIpAddr.12.1400.4 = STRING: 135.9.78.205
avCmMeasIpVoStatHrDataFarIpAddr.12.1400.5 = STRING: 135.9.78.205
```

# avCmMeasIpVoStatSumJitterLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatSumJitterYest | enterprises.6889.2.73.8.1.68 | Table |

## Description

The avCmMeasIpVoStatSumJitterLstHr MIB groupdisplays the jitter recorded during calls in the previous hour for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

## Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSumJitterLstHr | SAT | `list measurements ip voice-stats summary jitter last-hour` | IP VOICE STATISTICS SUMMARY JITTER REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumJitterLstHrTable | .1 | n/a | SEQUENCE OF avCmMeasIpVoStatSumJitterLstHrEntry | n/a | An object containing the avCmMeasIpVoStatSumJitterLstHr entries. |
| avCmMeasIpVoStatSumJitterLstHrEntry | .1.1. | n/a | avCmMeasIpVoStatSumJitterLstHrEntry | n/a | An object containing the avCmMeasIpVoStatSumJitterLstHr entry |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | with the information that the switch sent. |
| avCmMeasIpVoStatSummJitterLstHrRegIdx | .1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| | | | | | |
| avCmMeasIpVoStatSummJitterLstHrHourIdx | .1.1.2 | n/a | Integer32 (0..2300) | n/a | An index containing the measurements of the jitter voice statistics. |
| | | | | | |
| avCmMeasIpVoStatSummJitterLstHrIdx | .1.1.3 | n/a | Integer32 (0..9999) | n/a | A unique index for the jitter voice statistics. |
| | | | | | |
| avCmMeasIpVoStatSummJitterLstHrIdx | .1.1.4 | R | Integer32 (0..2000) | List Command: Region | An object containing the network region. |
| IP VOICE STATISTICS SUMMARY JITTER REPORT | | | | | |
| avCmMeasIpVoStatSummJitterLstHrMeasHour | .1.1.5 | R | Integer32 (0..2300) | Measurement Hour | An object that containing the measurement hour. |
| IP VOICE STATISTICS SUMMARY JITTER REPORT | | | | | |
| avCmMeasIpVoStatSummJitterLstHrRunTime | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date. |
| IP VOICE STATISTICS SUMMARY JITTER REPORT | | | | | |
| avCmMeasIpVoStatSummJitterLstHrBoardLoc | .1.1.7 | R | SnmpAdminString (SIZE (0..17)) | Board Loc | An object containing the board location. |
| IP VOICE STATISTICS SUMMARY JITTER REPORT | | | | | |
| avCmMeasIpVoStatSummJitterLstHrCallingNum | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| IP VOICE STATISTICS SUMMARY JITTER REPORT | | | | | |
| avCmMeasIpVoStatSummJitterLstHrCalledNum | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS SUMMARY JITTER REPORT | | | | | |
| avCmMeasIpVoStatSumJitterLstHrDstReg<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.10 | R | Integer32 (0..9999) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSumJitterLstHrCodec<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.11 | R | SnmpAdminString (SIZE (0..8)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSumJitterLstHrPktSize<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.12 | R | Integer32 (0..999) | Pkt Size | An object containing the packet size. |
| avCmMeasIpVoStatSumJitterLstHrTimeCall<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.13 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the time of the call. |
| avCmMeasIpVoStatSumJitterLstHrBufSize<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.14 | R | SnmpAdminString (SIZE (0..4)) | Jitter-Buffer Size | An object containing the size of the jitter buffer. |
| avCmMeasIpVoStatSumJitterLstHrBufOrn<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.15 | R | SnmpAdminString (SIZE (0..4)) | Jitter-Buffer Orn | An object containing the jitter buffer orn. |
| avCmMeasIpVoStatSumJitterLstHrBufUrn<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..4)) | Jitter-Buffer Urn | An object containing the jitter buffer urn. |
| avCmMeasIpVoStatSumJitterLstHrAvgJitter | .1.1.17 | R | SnmpAdminString (SIZE (0..5)) | Jitter Avg | An object containing the average jitter recorded. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS SUMMARY JITTER REPORT | | | | | |
| avCmMeasIpVoStatSumJitterLstHrPeakJitter<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..5)) | Jitter Peak | An object containing the peak jitter recorded. |
| avCmMeasIpVoStatSumJitterLstHrFarIpAddr<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.19 | R | SnmpAdminString (SIZE (0..41)) | FEAddr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats summary jitter last-hour                Page   1

Switch Name:                                      Date: 2:24 am  MON JUN 1, 2015
                    IP VOICE STATISTICS SUMMARY JITTER REPORT
                                                  Pkt  Time Jitter-Buffer Jitter
Src Meas  Board Calling Number/ Dst               Size  of  Size Orn Urn Avg Peak
Reg Hour  Loc   Called#/FEAddr  Reg  Codec        (ms) Call (ms)             (ms)
2   100   01A14 5020097          2    g711m       20   2123 62   4   99  54   62
                5020197        10.129.137.197
2   100   01A14 5020084          2    g711m       20   3117 61   5   6   48   61
                5020184        10.129.137.184
2   100   01A14 5020021          2    g711m       20   2359 61   5   99  51   61
                5020121        10.129.137.121
2   100   01A14 5020023          2    g711m       20   3059 60   8   64  49   60
                5020123        10.129.137.123
2   100   01A14 5020086          2    g711m       20   2915 60   6   99  49   60
                5020186        10.129.137.186
1   100   01A06 5020047          3    g711m       20   3535 63   4   99  48   63
                5020147        10.129.137.47
1   100   01A06 5020028          3    g711m       20   4403 61   7   99  46   61
                5020128        10.129.137.28

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumJitterLstHr
avCmMeasIpVoStatSumJitterLstHrRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatSumJitterLstHrRegion.1.100.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumJitterLstHrRegion.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumJitterLstHrMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatSumJitterLstHrMeasHour.1.100.2 = INTEGER: 100
:
:
avCmMeasIpVoStatSumJitterLstHrMeasHour.2.100.5 = INTEGER: 100
```

```
avCmMeasIpVoStatSumJitterLstHrRunTime.1.100.1 = STRING: 2:27 am MON JUN 1, 2015
avCmMeasIpVoStatSumJitterLstHrRunTime.1.100.2 = STRING: 2:27 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatSumJitterLstHrRunTime.2.100.5 = STRING: 2:27 am MON JUN 1, 2015
avCmMeasIpVoStatSumJitterLstHrBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatSumJitterLstHrBoardLoc.1.100.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumJitterLstHrBoardLoc.2.100.5 = STRING: 01A14
avCmMeasIpVoStatSumJitterLstHrCallingNum.1.100.1 = STRING: 5020047
avCmMeasIpVoStatSumJitterLstHrCallingNum.1.100.2 = STRING: 5020028
:
:
avCmMeasIpVoStatSumJitterLstHrCallingNum.2.100.5 = STRING: 5020086
avCmMeasIpVoStatSumJitterLstHrCalledNum.1.100.1 = STRING: 5020147
avCmMeasIpVoStatSumJitterLstHrCalledNum.1.100.2 = STRING: 5020128
:
:
avCmMeasIpVoStatSumJitterLstHrCalledNum.2.100.5 = STRING: 5020186
avCmMeasIpVoStatSumJitterLstHrDstReg.1.100.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterLstHrDstReg.1.100.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumJitterLstHrDstReg.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumJitterLstHrCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatSumJitterLstHrCodec.1.100.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumJitterLstHrCodec.2.100.5 = STRING: g711m
avCmMeasIpVoStatSumJitterLstHrPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatSumJitterLstHrPktSize.1.100.2 = INTEGER: 20
:
:
avCmMeasIpVoStatSumJitterLstHrPktSize.2.100.5 = INTEGER: 20
avCmMeasIpVoStatSumJitterLstHrTimeCall.1.100.1 = STRING: 3535
avCmMeasIpVoStatSumJitterLstHrTimeCall.1.100.2 = STRING: 4403
:
:
avCmMeasIpVoStatSumJitterLstHrTimeCall.2.100.5 = STRING: 2915
avCmMeasIpVoStatSumJitterLstHrBufSize.1.100.1 = STRING: 63
avCmMeasIpVoStatSumJitterLstHrBufSize.1.100.2 = STRING: 61
:
:
avCmMeasIpVoStatSumJitterLstHrBufSize.2.100.5 = STRING: 60
avCmMeasIpVoStatSumJitterLstHrBufOrn.1.100.1 = STRING: 4
avCmMeasIpVoStatSumJitterLstHrBufOrn.1.100.2 = STRING: 7
:
:
avCmMeasIpVoStatSumJitterLstHrBufOrn.2.100.5 = STRING: 6
avCmMeasIpVoStatSumJitterLstHrBufUrn.1.100.1 = STRING: 99
avCmMeasIpVoStatSumJitterLstHrBufUrn.1.100.2 = STRING: 99
:
:
avCmMeasIpVoStatSumJitterLstHrBufUrn.2.100.5 = STRING: 99
avCmMeasIpVoStatSumJitterLstHrAvgJitter.1.100.1 = STRING: 48
avCmMeasIpVoStatSumJitterLstHrAvgJitter.1.100.2 = STRING: 46
:
:
avCmMeasIpVoStatSumJitterLstHrAvgJitter.2.100.5 = STRING: 49
avCmMeasIpVoStatSumJitterLstHrPeakJitter.1.100.1 = STRING: 63
avCmMeasIpVoStatSumJitterLstHrPeakJitter.1.100.2 = STRING: 61
:
:
avCmMeasIpVoStatSumJitterLstHrPeakJitter.2.100.5 = STRING: 60
```

```
avCmMeasIpVoStatSumJitterLstHrFarIpAddr.1.100.1 = STRING: 10.129.137.47
avCmMeasIpVoStatSumJitterLstHrFarIpAddr.1.100.2 = STRING: 10.129.137.28
:
:
avCmMeasIpVoStatSumJitterLstHrFarIpAddr.2.100.5 = STRING: 10.129.137.186
```

# avCmMeasIpVoStatSumJitterToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatSumJitterYest | enterprises.6889.2.73.8.1.70 | Table |

### Description

The avCmMeasIpVoStatSumJitterToday MIB group displays the jitter recorded during calls in the present day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour..

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSum JitterToday | SAT | **list measurements ip voice-stats summary jitter today** | IP VOICE STATISTICS SUMMARY JITTER REPORT |

## Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

## Command permissions or user profile

No special permissions needed. The default super user can run this command.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumJitterTodayTable | .1 | n/a | SEQUENCE OF avCmMeasIpVoStatSumJitterTodayEntry | n/a | An object containing the avCmMeasIpVoStatSumJitterToday entries. |
| avCmMeasIpVoStatSumJitterTodayEntry | .1.1. | n/a | avCmMeasIpVoStatSumJitterTodayEntry | n/a | An object containing the avCmMeasIpVoStatSumJitterToday entry with the information that the switch sent. |
| avCmMeasIpVoStatSumJitterTodayRegIdx | .1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| avCmMeasIpVoStatSumJitterTodayHourIdx | .1.1.2 | n/a | Integer32 (0..2300) | n/a | An index containing the measurements of the jitter voice statistics. |
| avCmMeasIpVoStatSumJitterTodayIdx | .1.1.3 | n/a | Integer32 (0..9999) | n/a | A unique index for the jitter voice statistics. |
| avCmMeasIpVoStatSumJitterTodayIdx<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.4 | R | Integer32 (0..2000) | List Command: Region | An object containing the network region. |
| avCmMeasIpVoStatSumJitterTodayMeasHour<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.5 | R | Integer32 (0..2300) | Measurement Hour | An object that containing the measurement hour. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSummJitterTodayRunTime<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date. |
| avCmMeasIpVoStatSummJitterTodayBoardLoc<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.7 | R | SnmpAdminString (SIZE (0..17)) | Board Loc | An object containing the board location. |
| avCmMeasIpVoStatSummJitterTodayCallingNum<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIpVoStatSummJitterTodayCalledNum<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatSummJitterTodayDstReg<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.10 | R | Integer32 (0..9999) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSummJitterTodayCodec<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.11 | R | SnmpAdminString (SIZE (0..8)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSummJitterTodayPktSize<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.12 | R | Integer32 (0..999) | Pkt Size | An object containing the packet size. |
| avCmMeasIpVoStatSummJitterTodayTimeCall | .1.1.13 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the time of the call. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS SUMMARY JITTER REPORT | | | | | |
| avCmMeasIpVoStatSumJitterTodayBufSize<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.14 | R | SnmpAdminString (SIZE (0..4)) | Jitter-Buffer Size | An object containing the size of the jitter buffer. |
| avCmMeasIpVoStatSumJitterTodayBufOrn<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.15 | R | SnmpAdminString (SIZE (0..4)) | Jitter-Buffer Orn | An object containing the jitter buffer orn. |
| avCmMeasIpVoStatSumJitterTodayBufUrn<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..4)) | Jitter-Buffer Urn | An object containing the jitter buffer urn. |
| avCmMeasIpVoStatSumJitterTodayAvgJitter<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..5)) | Jitter Avg | An object containing the average jitter recorded. |
| avCmMeasIpVoStatSumJitterTodayPeakJitter<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..5)) | Jitter Peak | An object containing the peak jitter recorded. |
| avCmMeasIpVoStatSumJitterTodayFarIpAddr<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.19 | R | SnmpAdminString (SIZE (0..41)) | FEAddr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats summary jitter today

Switch Name:                                        Date: 7:52 am  FRI MAY 29, 2015
                    IP VOICE STATISTICS SUMMARY JITTER REPORT
                                                    Pkt  Time Jitter-Buffer Jitter
Src Meas  Board Calling Number/ Dst                 Size  of  Size Orn Urn Avg Peak
Reg Hour  Loc   Called#/FEAddr  Reg  Codec          (ms) Call (ms)           (ms)
1   100   01A06 5021618          3    g711m        20   4051 1198 19  11  1092 1198
                5022210        10.216.0.251
1   100   01A06 5021618          3    g711m        20   4041 996  8   3   996  996
                5022210        10.216.0.252
1   100   01A06 5021618          3    g711m        20   4043 987  19  11  987  987
                5022210        10.216.0.251
1   100   01A06 5021678          3    g711m        20   4017 596  10  12  596  596
                5022682        10.216.0.252
1   100   01A06 5021985          3    g711m        20   4009 595  10  11  595  595
                5022661        10.216.0.252
3   300   01A03 5021708          3    g711m        20   0055 268  0   15  242  268
                5022010        10.216.0.252



Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumJitterToday
avCmMeasIpVoStatSumJitterTodayRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatSumJitterTodayRegion.1.100.2 = INTEGER: 1
avCmMeasIpVoStatSumJitterTodayRegion.1.100.3 = INTEGER: 1
avCmMeasIpVoStatSumJitterTodayRegion.1.100.4 = INTEGER: 1
avCmMeasIpVoStatSumJitterTodayRegion.1.100.5 = INTEGER: 1
avCmMeasIpVoStatSumJitterTodayRegion.3.300.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatSumJitterTodayMeasHour.1.100.2 = INTEGER: 100
avCmMeasIpVoStatSumJitterTodayMeasHour.1.100.3 = INTEGER: 100
avCmMeasIpVoStatSumJitterTodayMeasHour.1.100.4 = INTEGER: 100
avCmMeasIpVoStatSumJitterTodayMeasHour.1.100.5 = INTEGER: 100
avCmMeasIpVoStatSumJitterTodayMeasHour.3.300.1 = INTEGER: 300
avCmMeasIpVoStatSumJitterTodayRunTime.1.100.1 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayRunTime.1.100.2 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayRunTime.1.100.3 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayRunTime.1.100.4 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayRunTime.1.100.5 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayRunTime.3.300.1 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterTodayBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatSumJitterTodayBoardLoc.1.100.2 = STRING: 01A06
avCmMeasIpVoStatSumJitterTodayBoardLoc.1.100.3 = STRING: 01A06
avCmMeasIpVoStatSumJitterTodayBoardLoc.1.100.4 = STRING: 01A06
avCmMeasIpVoStatSumJitterTodayBoardLoc.1.100.5 = STRING: 01A06
avCmMeasIpVoStatSumJitterTodayBoardLoc.3.300.1 = STRING: 01A03
avCmMeasIpVoStatSumJitterTodayCallingNum.1.100.1 = STRING: 5021618
avCmMeasIpVoStatSumJitterTodayCallingNum.1.100.2 = STRING: 5021618
avCmMeasIpVoStatSumJitterTodayCallingNum.1.100.3 = STRING: 5021618
avCmMeasIpVoStatSumJitterTodayCallingNum.1.100.4 = STRING: 5021678
avCmMeasIpVoStatSumJitterTodayCallingNum.1.100.5 = STRING: 5021985
avCmMeasIpVoStatSumJitterTodayCallingNum.3.300.1 = STRING: 5021708
avCmMeasIpVoStatSumJitterTodayCalledNum.1.100.1 = STRING: 5022210
avCmMeasIpVoStatSumJitterTodayCalledNum.1.100.2 = STRING: 5022210
avCmMeasIpVoStatSumJitterTodayCalledNum.1.100.3 = STRING: 5022210
```

```
avCmMeasIpVoStatSumJitterTodayCalledNum.1.100.4 = STRING: 5022682
avCmMeasIpVoStatSumJitterTodayCalledNum.1.100.5 = STRING: 5022661
avCmMeasIpVoStatSumJitterTodayCalledNum.3.300.1 = STRING: 5022010
avCmMeasIpVoStatSumJitterTodayDstReg.1.100.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayDstReg.1.100.2 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayDstReg.1.100.3 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayDstReg.1.100.4 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayDstReg.1.100.5 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayDstReg.3.300.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterTodayCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayCodec.1.100.2 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayCodec.1.100.3 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayCodec.1.100.4 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayCodec.1.100.5 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayCodec.3.300.1 = STRING: g711m
avCmMeasIpVoStatSumJitterTodayPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayPktSize.1.100.2 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayPktSize.1.100.3 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayPktSize.1.100.4 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayPktSize.1.100.5 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayPktSize.3.300.1 = INTEGER: 20
avCmMeasIpVoStatSumJitterTodayTimeCall.1.100.1 = STRING: 4051
avCmMeasIpVoStatSumJitterTodayTimeCall.1.100.2 = STRING: 4041
avCmMeasIpVoStatSumJitterTodayTimeCall.1.100.3 = STRING: 4043
avCmMeasIpVoStatSumJitterTodayTimeCall.1.100.4 = STRING: 4017
avCmMeasIpVoStatSumJitterTodayTimeCall.1.100.5 = STRING: 4009
avCmMeasIpVoStatSumJitterTodayTimeCall.3.300.1 = STRING: 0055
avCmMeasIpVoStatSumJitterTodayBufSize.1.100.1 = STRING: 119
avCmMeasIpVoStatSumJitterTodayBufSize.1.100.2 = STRING: 996
avCmMeasIpVoStatSumJitterTodayBufSize.1.100.3 = STRING: 987
avCmMeasIpVoStatSumJitterTodayBufSize.1.100.4 = STRING: 596
avCmMeasIpVoStatSumJitterTodayBufSize.1.100.5 = STRING: 595
avCmMeasIpVoStatSumJitterTodayBufSize.3.300.1 = STRING: 268
avCmMeasIpVoStatSumJitterTodayBufOrn.1.100.1 = STRING: 19
avCmMeasIpVoStatSumJitterTodayBufOrn.1.100.2 = STRING: 8
avCmMeasIpVoStatSumJitterTodayBufOrn.1.100.3 = STRING: 19
avCmMeasIpVoStatSumJitterTodayBufOrn.1.100.4 = STRING: 10
avCmMeasIpVoStatSumJitterTodayBufOrn.1.100.5 = STRING: 10
avCmMeasIpVoStatSumJitterTodayBufOrn.3.300.1 = STRING: 0
avCmMeasIpVoStatSumJitterTodayBufUrn.1.100.1 = STRING: 11
avCmMeasIpVoStatSumJitterTodayBufUrn.1.100.2 = STRING: 3
avCmMeasIpVoStatSumJitterTodayBufUrn.1.100.3 = STRING: 11
avCmMeasIpVoStatSumJitterTodayBufUrn.1.100.4 = STRING: 12
avCmMeasIpVoStatSumJitterTodayBufUrn.1.100.5 = STRING: 11
avCmMeasIpVoStatSumJitterTodayBufUrn.3.300.1 = STRING: 15
avCmMeasIpVoStatSumJitterTodayAvgJitter.1.100.1 = STRING: 1092
avCmMeasIpVoStatSumJitterTodayAvgJitter.1.100.2 = STRING: 996
avCmMeasIpVoStatSumJitterTodayAvgJitter.1.100.3 = STRING: 987
avCmMeasIpVoStatSumJitterTodayAvgJitter.1.100.4 = STRING: 596
avCmMeasIpVoStatSumJitterTodayAvgJitter.1.100.5 = STRING: 595
avCmMeasIpVoStatSumJitterTodayAvgJitter.3.300.1 = STRING: 242
avCmMeasIpVoStatSumJitterTodayPeakJitter.1.100.1 = STRING: 1198
avCmMeasIpVoStatSumJitterTodayPeakJitter.1.100.2 = STRING: 996
avCmMeasIpVoStatSumJitterTodayPeakJitter.1.100.3 = STRING: 987
avCmMeasIpVoStatSumJitterTodayPeakJitter.1.100.4 = STRING: 596
avCmMeasIpVoStatSumJitterTodayPeakJitter.1.100.5 = STRING: 595
avCmMeasIpVoStatSumJitterTodayPeakJitter.3.300.1 = STRING: 268
avCmMeasIpVoStatSumJitterTodayFarIpAddr.1.100.1 = STRING: 10.216.0.251
avCmMeasIpVoStatSumJitterTodayFarIpAddr.1.100.2 = STRING: 10.216.0.252
avCmMeasIpVoStatSumJitterTodayFarIpAddr.1.100.3 = STRING: 10.216.0.251
avCmMeasIpVoStatSumJitterTodayFarIpAddr.1.100.4 = STRING: 10.216.0.252
avCmMeasIpVoStatSumJitterTodayFarIpAddr.1.100.5 = STRING: 10.216.0.252
avCmMeasIpVoStatSumJitterTodayFarIpAddr.3.300.1 = STRING: 10.216.0.252
```

# avCmMeasIpVoStatSumJitterYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatSumJitterYest | enterprises.6889.2.73.8.1.70 | Table |

### Description

The avCmMeasIpVoStatSumJitterYest MIB group displays the jitter recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour. The data is updated at 12.00 AM.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSum JitterYest | SAT | `list measurements ip voice-stats summary jitter yesterday` | IP VOICE STATISTICS SUMMARY JITTER REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

Command permissions or user profile

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumJitterYestTable | .1 | n/a | SEQUENCE OF AvCmMeasIpVoStatSumJitterYestEntry | n/a | An object containing the avCmMeasIpVoStatSumJitterYest entries. |
| avCmMeasIpVoStatSumJitterYestEntry | .1.1. | n/a | AvCmMeasIpVoStatSumJitterYestEntry | n/a | An object containing the avCmMeasIpVoStatSumJitterYest entry with the information that the switch sent. |
| avCmMeasIpVoStatSumJitterYestRegIdx | .1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| avCmMeasIpVoStatSumJitterYestHourIdx | .1.1.2 | n/a | Integer32 (0..2300) | n/a | An index containing the measurements of the jitter voice statistics. |
| avCmMeasIpVoStatSumJitterYestIdx | .1.1.3 | n/a | Integer32 (0..9999) | n/a | A unique index for the jitter voice statistics. |
| avCmMeasIpVoStatSumJitterYestIdx<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.4 | R | Integer32 (0..2000) | List Command: Region | An object containing the network region. |
| avCmMeasIpVoStatSumJitterYestMeasHour<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.5 | R | Integer32 (0..2300) | Measurement Hour | An object that containing the measurement hour. |
| avCmMeasIpVoStatSumJitterYestRunTime<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date. |
| avCmMeasIpVoStatSumJitterYestBoardLoc | .1.1.7 | R | SnmpAdminString (SIZE (0..17)) | Board Loc | An object containing the board location. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS SUMMARY JITTER REPORT | | | | | |
| avCmMeasIpVoStatSummJitterYestCallingNum<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIpVoStatSummJitterYestCalledNum<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatSummJitterYestDstReg<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.10 | R | Integer32 (0..9999) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSummJitterYestCodec<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.11 | R | SnmpAdminString (SIZE (0..8)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSummJitterYestPktSize<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.12 | R | Integer32 (0..999) | Pkt Size | An object containing the packet size. |
| avCmMeasIpVoStatSummJitterYestTimeCall<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.13 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the time of the call. |
| avCmMeasIpVoStatSummJitterYestBufSize<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.14 | R | SnmpAdminString (SIZE (0..4)) | Jitter-Buffer Size | An object containing the size of the jitter buffer. |
| avCmMeasIpVoStatSummJitterYestBufOrn | .1.1.15 | R | SnmpAdminString (SIZE (0..4)) | Jitter-Buffer Orn | An object containing the jitter buffer orn. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS SUMMARY JITTER REPORT | | | | | |
| avCmMeasIpVoStatSumJitterYestBufUrn<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..4)) | Jitter-Buffer Urn | An object containing the jitter buffer urn. |
| avCmMeasIpVoStatSumJitterYestAvgJitter<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..5)) | Jitter Avg | An object containing the average jitter recorded. |
| avCmMeasIpVoStatSumJitterYestPeakJitter<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..5)) | Jitter Peak | An object containing the peak jitter recorded. |
| avCmMeasIpVoStatSumJitterYestFarIpAddr<br>IP VOICE STATISTICS SUMMARY JITTER REPORT | .1.1.19 | R | SnmpAdminString (SIZE (0..41)) | FEAddr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats summary jitter yesterday

Switch Name:                                    Date: 7:58 am  FRI MAY 29, 2015
                  IP VOICE STATISTICS SUMMARY JITTER REPORT
                                                Pkt  Time Jitter-Buffer Jitter
Src Meas  Board Calling Number/ Dst             Size  of  Size Orn Urn Avg Peak
Reg Hour  Loc   Called#/FEAddr  Reg  Codec      (ms) Call (ms)            (ms)
3   1000  01A03 5021143          3    g711m     20   1139 267  0   15  256  267
                5022468        10.216.0.252
3   1000  01A03 5021143          3    g711m     20   1129 246  0   15  246  246
                5022468        10.216.0.252

Command successfully completed
Command:
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasIpVoStatSumJitterYest
avCmMeasIpVoStatSumJitterYestRegion.3.1000.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterYestRegion.3.1000.2 = INTEGER: 3
avCmMeasIpVoStatSumJitterYestMeasHour.3.1000.1 = INTEGER: 1000
avCmMeasIpVoStatSumJitterYestMeasHour.3.1000.2 = INTEGER: 1000
avCmMeasIpVoStatSumJitterYestRunTime.3.1000.1 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterYestRunTime.3.1000.2 = STRING: 7:49 am FRI MAY 29, 2015
avCmMeasIpVoStatSumJitterYestBoardLoc.3.1000.1 = STRING: 01A03
avCmMeasIpVoStatSumJitterYestBoardLoc.3.1000.2 = STRING: 01A03
avCmMeasIpVoStatSumJitterYestCallingNum.3.1000.1 = STRING: 5021143
avCmMeasIpVoStatSumJitterYestCallingNum.3.1000.2 = STRING: 5021143
avCmMeasIpVoStatSumJitterYestCalledNum.3.1000.1 = STRING: 5022468
avCmMeasIpVoStatSumJitterYestCalledNum.3.1000.2 = STRING: 5022468
avCmMeasIpVoStatSumJitterYestDstReg.3.1000.1 = INTEGER: 3
avCmMeasIpVoStatSumJitterYestDstReg.3.1000.2 = INTEGER: 3
avCmMeasIpVoStatSumJitterYestCodec.3.1000.1 = STRING: g711m
avCmMeasIpVoStatSumJitterYestCodec.3.1000.2 = STRING: g711m
avCmMeasIpVoStatSumJitterYestPktSize.3.1000.1 = INTEGER: 20
avCmMeasIpVoStatSumJitterYestPktSize.3.1000.2 = INTEGER: 20
avCmMeasIpVoStatSumJitterYestTimeCall.3.1000.1 = STRING: 1139
avCmMeasIpVoStatSumJitterYestTimeCall.3.1000.2 = STRING: 1129
avCmMeasIpVoStatSumJitterYestBufSize.3.1000.1 = STRING: 267
avCmMeasIpVoStatSumJitterYestBufSize.3.1000.2 = STRING: 246
avCmMeasIpVoStatSumJitterYestBufOrn.3.1000.1 = STRING: 0
avCmMeasIpVoStatSumJitterYestBufOrn.3.1000.2 = STRING: 0
avCmMeasIpVoStatSumJitterYestBufUrn.3.1000.1 = STRING: 15
avCmMeasIpVoStatSumJitterYestBufUrn.3.1000.2 = STRING: 15
avCmMeasIpVoStatSumJitterYestAvgJitter.3.1000.1 = STRING: 256
avCmMeasIpVoStatSumJitterYestAvgJitter.3.1000.2 = STRING: 246
avCmMeasIpVoStatSumJitterYestPeakJitter.3.1000.1 = STRING: 267
avCmMeasIpVoStatSumJitterYestPeakJitter.3.1000.2 = STRING: 246
avCmMeasIpVoStatSumJitterYestFarIpAddr.3.1000.1 = STRING: 10.216.0.252
avCmMeasIpVoStatSumJitterYestFarIpAddr.3.1000.2 = STRING: 10.216.0.252
```

# avCmMeasIpVoStatSumPkLosLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatSumPkLosYest | enterprises.6889.2.73.8.1.71 | Table |

### Description

The avCmMeasIpVoStatSumPkLosLstHr MIB group displays the packet loss recorded during calls in the previous hour for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSumPkLosLstHr | SAT | `list measurements ip voice-stats pktloss last-hour` | IP VOICE STATSTICS SUMMARY PKTLOSS REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumPkLosLstHrTable | ..1 | n/a | SEQUENCE OF avCmMeasIpVoStatSumPkLosLstHrEntry | n/a | An object containing the avCmMeasIpVoStatSumPkLosLstHr entries. |
| avCmMeasIpVoStatSumPkLosLstHrEntry | ..1.1 | n/a | avCmMeasIpVoStatSumPkLosLstHrEntry | n/a | An object containing the avCmMeasIpVoStatSumPkLosLstHr entry with the information that the switch sent. |
| avCmMeasIpVoStatSumPkLosLstHrRegIdx | .. 1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | |
| avCmMeasIpVoStatSumPkLosLstHrHourIdx<br> | .. 1.1.2 | n/a | Integer32 (1..2300) | n/a | An index containing the measurements of the PktLoss voice statistics. |
| avCmMeasIpVoStatSumPkLosLstHrIdx<br> | .. 1.1.3 | n/a | Integer32 (1..9999) | n/a | An index containing the measurements of the pktloss voice statistics. |
| avCmMeasIpVoStatSumPkLosLstHrRegion<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.4 | R | Integer32 (0..2000) | List Command: Region | An object that containing the network region. |
| avCmMeasIpVoStatSumPkLosLstHrMeasHour<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | . 1.1.5 | | Integer32 (0..2300) | Measurement Hour | An object containing the hour. |
| avCmMeasIpVoStatSumPkLosLstHrRunTime<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | . 1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date. |
| avCmMeasIpVoStatSumPkLosLstHrBoardLoc<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.7 | | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |
| avCmMeasIpVoStatSumPkLosLstHrCallingNum<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.8 | | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIpVoStatSumPkLosLstHrCalledNum<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumPkLosLstHrDstReg<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.10 | R | Integer32 (0..9999) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSumPkLosLstHrCodec<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.11 | R | SnmpAdminString (SIZE (0..8)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSumPkLosLstHrTimeCall<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.12 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the timestamp when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format. |
| avCmMeasIpVoStatSumPkLosLstHrUDPPort<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.13 | | SnmpAdminString (SIZE (0..6)) | UDP Port | An object containing the port used by the media processor for the call. |
| avCmMeasIpVoStatSumPkLosLstHrPktSize<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.14 | R | Integer32 (0..999) | Pkt Size | An object containing the packet size of each data stream in milliseconds. |
| avCmMeasIpVoStatSumPkLosLstHrTotnumLosPkts<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.15 | R | Integer32 (0..9999) | Total # lost Pkts | An object containing the total packets lost during a call. |
| avCmMeasIpVoStatSumPkLosLstHrPktLossPerc<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.16 | | SnmpAdminString (SIZE (0..3)) | Packet Loss | An object containing the peak packekt loss for a call. The packet loss is measured at 10-second intervals. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumPkLosLstHrSilSup<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.17 | R | SnmpAdminString (SIZE (0..2)) | Sil Sup | An object containing the status of silence suppression during a call. |
| avCmMeasIpVoStatSumPkLosLstHrFEAddr<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.18 | R | SnmpAdminString (SIZE (0..41)) | FEAddr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats summary pktloss last-hour              Page   1

Switch Name:                                      Date: 2:24 am  MON JUN 1, 2015
                    IP VOICE STATISTICS SUMMARY PKTLOSS REPORT
                                                        Time      Pkt    Total Packet
Src Meas  Board Calling Number/ Dst                      of  UDP  Size   #lost   Loss  Sil
Reg Hour  Loc   Called#/FEAddr  Reg Codec    Call Port (ms)    Pkts     %     Sup
2   100   01A14 5020055         2   g711m    4205 3030820     292      31    n
                5020155       10.129.137.155
2   100   01A14 5020076         2   g711m    5311 3035020     268      30    n
                5020176       10.129.137.176
2   100   01A14 5020097         2   g711m    3751 3039220     374      30    n
                5020197       10.129.137.197
2   100   01A14 5020069         2   g711m    1327 3033620     1170     30    n
                5020169       10.129.137.169
2   100   01A14 5020082         2   g711m    0625 3036220     618      30    n
                5020182       10.129.137.182
1   100   01A06 5020036         3   g711m    3743 3007020     811      30    n
                5020136       10.129.137.36
1   100   01A06 5020047         3   g711m    1957 3009220     963      30    n
                5020147       10.129.137.47

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumPkLosLstHr
avCmMeasIpVoStatSumPkLosLstHrRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatSumPkLosLstHrRegion.1.100.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumPkLosLstHrRegion.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosLstHrMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatSumPkLosLstHrMeasHour.1.100.2 = INTEGER: 100
:
:
avCmMeasIpVoStatSumPkLosLstHrMeasHour.2.100.5 = INTEGER: 100
avCmMeasIpVoStatSumPkLosLstHrRunTime.1.100.1 = STRING: 2:21 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosLstHrRunTime.1.100.2 = STRING: 2:21 am MON JUN 1, 2015
:
:
```

```
avCmMeasIpVoStatSumPkLosLstHrRunTime.2.100.5 = STRING: 2:21 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosLstHrBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatSumPkLosLstHrBoardLoc.1.100.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumPkLosLstHrBoardLoc.2.100.5 = STRING: 01A14
avCmMeasIpVoStatSumPkLosLstHrCallingNum.1.100.1 = STRING: 5020036
avCmMeasIpVoStatSumPkLosLstHrCallingNum.1.100.2 = STRING: 5020047
:
:
avCmMeasIpVoStatSumPkLosLstHrCallingNum.2.100.5 = STRING: 5020082
avCmMeasIpVoStatSumPkLosLstHrCalledNum.1.100.1 = STRING: 5020136
avCmMeasIpVoStatSumPkLosLstHrCalledNum.1.100.2 = STRING: 5020147
:
:
avCmMeasIpVoStatSumPkLosLstHrCalledNum.2.100.5 = STRING: 5020182
avCmMeasIpVoStatSumPkLosLstHrDstReg.1.100.1 = INTEGER: 3
avCmMeasIpVoStatSumPkLosLstHrDstReg.1.100.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumPkLosLstHrDstReg.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosLstHrCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatSumPkLosLstHrCodec.1.100.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumPkLosLstHrCodec.2.100.5 = STRING: g711m
avCmMeasIpVoStatSumPkLosLstHrTimeCall.1.100.1 = STRING: 3743
avCmMeasIpVoStatSumPkLosLstHrTimeCall.1.100.2 = STRING: 1957
:
:
avCmMeasIpVoStatSumPkLosLstHrTimeCall.2.100.5 = STRING: 0625
avCmMeasIpVoStatSumPkLosLstHrUDPPort.1.100.1 = STRING: 30070
avCmMeasIpVoStatSumPkLosLstHrUDPPort.1.100.2 = STRING: 30092
:
:
avCmMeasIpVoStatSumPkLosLstHrUDPPort.2.100.5 = STRING: 30362
avCmMeasIpVoStatSumPkLosLstHrPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatSumPkLosLstHrPktSize.1.100.2 = INTEGER: 20
:
:
avCmMeasIpVoStatSumPkLosLstHrPktSize.2.100.5 = INTEGER: 20
avCmMeasIpVoStatSumPkLosLstHrTotnumLosPkts.1.100.1 = INTEGER: 811
369
avCmMeasIpVoStatSumPkLosLstHrTotnumLosPkts.1.100.2 = INTEGER: 963
:
:
avCmMeasIpVoStatSumPkLosLstHrTotnumLosPkts.2.100.5 = INTEGER: 618
avCmMeasIpVoStatSumPkLosLstHrPktLossPerc.1.100.1 = STRING: 30
avCmMeasIpVoStatSumPkLosLstHrPktLossPerc.1.100.2 = STRING: 30
:
:
avCmMeasIpVoStatSumPkLosLstHrPktLossPerc.2.100.5 = STRING: 30
avCmMeasIpVoStatSumPkLosLstHrSilSup.1.100.1 = STRING: n
avCmMeasIpVoStatSumPkLosLstHrSilSup.1.100.2 = STRING: n
:
:
avCmMeasIpVoStatSumPkLosLstHrSilSup.2.100.5 = STRING: n
avCmMeasIpVoStatSumPkLosLstHrFEAddr.1.100.1 = STRING: 10.129.137.36
avCmMeasIpVoStatSumPkLosLstHrFEAddr.1.100.2 = STRING: 10.129.137.47
:
:
avCmMeasIpVoStatSumPkLosLstHrFEAddr.2.100.5 = STRING: 10.129.137.182
```

# avCmMeasIpVoStatSumPkLosToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatSumPkLosTod ay | enterprises.6889.2.73.8.1.72 | Table |

### Description

The avCmMeasIpVoStatSumPkLosToday MIB group displays the packet loss recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

The avCmMeasIpVoStatSumPkLosToday MIB group displays the packet loss recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSum PkLosToday | SAT | `list measurements ip voice-stats pktloss today` | IP VOICE STATSTICS SUMMARY PKTLOSS REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumPkLosTodayTable | ..1 | n/a | SEQUENCE OF avCmMeasIpVoStatSumPkLosTodayEntry | n/a | An object containing the avCmMeasIpVoStatSumPkLosToday entries. |
| avCmMeasIpVoStatSumPkLosTodayEntry | ..1.1 | n/a | avCmMeasIpVoStatSumPkLosTodayEntry | n/a | An object containing the avCmMeasIpVoStatSumPkLosToday entry with the information that the switch sent. |
| avCmMeasIpVoStatSumPkLosTodayRegIdx | .. 1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| avCmMeasIpVoStatSumPkLosTodayHourIdx | .. 1.1.2 | n/a | Integer32 (1..2300) | n/a | An index containing the measurements of the PktLoss voice statistics. |
| avCmMeasIpVoStatSumPkLosTodayIdx | .. 1.1.3 | n/a | Integer32 (1..9999) | n/a | An index containing the measurements of the pktloss voice statistics. |
| avCmMeasIpVoStatSumPkLosTodayRegion<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.4 | R | Integer32 (0..2000) | List Command: Region | An object that containing the network region. |
| avCmMeasIpVoStatSumPkLosTodayMeasHour<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | . 1.1.5 | | Integer32 (0..2300) | Measurement Hour | An object containing the hour. |
| avCmMeasIpVoStatSumPkLosTodayRunTime | . 1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | | | | | |
| avCmMeasIpVoStatSumPkLosTodayBoardLoc<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.7 | | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |
| avCmMeasIpVoStatSumPkLosTodayCallingNum<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.8 | | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIpVoStatSumPkLosTodayCalledNum<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatSumPkLosTodayDstReg<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.10 | R | Integer32 (0..9999) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSumPkLosTodayCodec<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.11 | R | SnmpAdminString (SIZE (0..8)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSumPkLosTodayTimeCall<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.12 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the timestamp when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format. |
| avCmMeasIpVoStatSumPkLosTodayUDPPort | .. 1.1.13 | | SnmpAdminString (SIZE (0..6)) | UDP Port | An object containing the port used by the media processor for the call. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | | | | | |
| avCmMeasIpVoStatSumPkLosTodayPktSize<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.14 | R | Integer32 (0..999) | Pkt Size | An object containing the packet size of each data stream in milliseconds. |
| avCmMeasIpVoStatSumPkLosTodayTotnumLosPkts<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.15 | R | Integer32 (0..9999) | Total # lost Pkts | An object containing the total packets lost during a call. |
| avCmMeasIpVoStatSumPkLosTodayPktLossPerc<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.16 | | SnmpAdminString (SIZE (0..3)) | Packet Loss | An object containing the peak packekt loss for a call. The packet loss is measured at 10-second intervals. |
| avCmMeasIpVoStatSumPkLosTodaySilSup<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.17 | R | SnmpAdminString (SIZE (0..2)) | Sil Sup | An object containing the status of silence suppression during a call. |
| avCmMeasIpVoStatSumPkLosTodayFEAddr<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.18 | R | SnmpAdminString (SIZE (0..41)) | FEAddr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats summary pktloss yesterday                Page   1

Switch Name:                                        Date: 2:16 am  MON JUN 1, 2015
                    IP VOICE STATISTICS SUMMARY PKTLOSS REPORT
                                                          Time      Pkt    Total Packet
Src Meas  Board Calling Number/ Dst                        of  UDP  Size  #lost   Loss  Sil
Reg Hour  Loc   Called#/FEAddr  Reg Codec                Call Port (ms)   Pkts    %    Sup
2   100   01A14 5020028          2   g711m              3737 3025420      1237    33    n
                5020128        10.129.137.128
2   100   01A14 5020045          2   g711m              5557 3028820      487     30    n
                5020145        10.129.137.145
2   100   01A14 5020038          2   g711m              4701 3027420      265     30    n
                5020138        10.129.137.138
2   100   01A14 5020053          2   g711m              0925 3030420      605     30    n
                5020153        10.129.137.153
2   100   01A14 5020005          2   g711m              0713 3020820      501     30    n
                5020105        10.129.137.105
1   300   01A06 5020012          3   g711m              5022 3002220      400     32    n
                5020112        10.129.137.12
1   300   01A06 5020029          3   g711m              4634 3005620      607     30    n
                5020129        10.129.137.29

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumPkLosToday
avCmMeasIpVoStatSumPkLosTodayRegion.1.300.1 = INTEGER: 1
avCmMeasIpVoStatSumPkLosTodayRegion.1.300.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumPkLosTodayRegion.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosTodayMeasHour.1.300.1 = INTEGER: 300
avCmMeasIpVoStatSumPkLosTodayMeasHour.1.300.2 = INTEGER: 300
:
:
avCmMeasIpVoStatSumPkLosTodayMeasHour.2.100.5 = INTEGER: 100
avCmMeasIpVoStatSumPkLosTodayRunTime.1.300.1 = STRING: 2:11 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosTodayRunTime.1.300.2 = STRING: 2:11 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatSumPkLosTodayRunTime.2.100.5 = STRING: 2:11 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosTodayBoardLoc.1.300.1 = STRING: 01A06
avCmMeasIpVoStatSumPkLosTodayBoardLoc.1.300.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumPkLosTodayBoardLoc.2.100.5 = STRING: 01A14
avCmMeasIpVoStatSumPkLosTodayCallingNum.1.300.1 = STRING: 5020012
avCmMeasIpVoStatSumPkLosTodayCallingNum.1.300.2 = STRING: 5020029
:
:
avCmMeasIpVoStatSumPkLosTodayCallingNum.2.100.5 = STRING: 5020005
avCmMeasIpVoStatSumPkLosTodayCalledNum.1.300.1 = STRING: 5020112
avCmMeasIpVoStatSumPkLosTodayCalledNum.1.300.2 = STRING: 5020129
:
:
avCmMeasIpVoStatSumPkLosTodayCalledNum.2.100.5 = STRING: 5020105
avCmMeasIpVoStatSumPkLosTodayDstReg.1.300.1 = INTEGER: 3
avCmMeasIpVoStatSumPkLosTodayDstReg.1.300.2 = INTEGER: 3
:
```

```
:
avCmMeasIpVoStatSumPkLosTodayDstReg.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosTodayCodec.1.300.1 = STRING: g711m
avCmMeasIpVoStatSumPkLosTodayCodec.1.300.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumPkLosTodayCodec.2.100.5 = STRING: g711m
avCmMeasIpVoStatSumPkLosTodayTimeCall.1.300.1 = STRING: 5022
avCmMeasIpVoStatSumPkLosTodayTimeCall.1.300.2 = STRING: 4634
:
:
avCmMeasIpVoStatSumPkLosTodayTimeCall.2.100.5 = STRING: 0713
avCmMeasIpVoStatSumPkLosTodayUDPPort.1.300.1 = STRING: 30022
avCmMeasIpVoStatSumPkLosTodayUDPPort.1.300.2 = STRING: 30056
:
:
avCmMeasIpVoStatSumPkLosTodayUDPPort.2.100.5 = STRING: 30208
avCmMeasIpVoStatSumPkLosTodayPktSize.1.300.1 = INTEGER: 20
avCmMeasIpVoStatSumPkLosTodayPktSize.1.300.2 = INTEGER: 20
:
:
avCmMeasIpVoStatSumPkLosTodayPktSize.2.100.5 = INTEGER: 20
avCmMeasIpVoStatSumPkLosTodayTotnumLosPkts.1.300.1 = INTEGER: 400
avCmMeasIpVoStatSumPkLosTodayTotnumLosPkts.1.300.2 = INTEGER: 607
:
:
avCmMeasIpVoStatSumPkLosTodayTotnumLosPkts.2.100.5 = INTEGER: 501
avCmMeasIpVoStatSumPkLosTodayPktLossPerc.1.300.1 = STRING: 32
avCmMeasIpVoStatSumPkLosTodayPktLossPerc.1.300.2 = STRING: 30
:
:
avCmMeasIpVoStatSumPkLosTodayPktLossPerc.2.100.5 = STRING: 30
avCmMeasIpVoStatSumPkLosTodaySilSup.1.300.1 = STRING: n
avCmMeasIpVoStatSumPkLosTodaySilSup.1.300.2 = STRING: n
:
:
avCmMeasIpVoStatSumPkLosTodaySilSup.2.100.5 = STRING: n
avCmMeasIpVoStatSumPkLosTodayFEAddr.1.300.1 = STRING: 10.129.137.12
avCmMeasIpVoStatSumPkLosTodayFEAddr.1.300.2 = STRING: 10.129.137.29
:
:
avCmMeasIpVoStatSumPkLosTodayFEAddr.2.100.5 = STRING: 10.129.137.105
```

# avCmMeasIpVoStatSumPkLosYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatSumPkLosYest | enterprises.6889.2.73.8.1.73 | Table |

## Description

The avCmMeasIpVoStatSumPkLosYest MIB group displays the packet loss recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

## Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

The avCmMeasIpVoStatSumPkLosYest MIB group displays the packet loss recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSumPkLosYest | SAT | `list measurements ip voice-stats pktloss yesterday` | IP VOICE STATSTICS SUMMARY PKTLOSS REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumPkLosYestTable | ..1 | n/a | SEQUENCE OF AvCmMeasIpVoStatSumPkLosYestEntry | n/a | An object containing the avCmMeasIpVoStatSumPkLosYest entries. |
| avCmMeasIpVoStatSumPkLosYestEntry | ..1.1 | n/a | AvCmMeasIpVoStatSumPkLosYestEntry | n/a | An object containing the avCmMeasIpVoStat |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | SumPkLosYest entry with the information that the switch sent. |
| avCmMeasIpVoStatSumPkLosYestRegIdx<br> | .. 1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| <br>avCmMeasIpVoStatSumPkLosYestHourIdx | .. 1.1.2 | n/a | Integer32 (1..2300) | n/a | An index containing the measurements of the PktLoss voice statistics. |
| avCmMeasIpVoStatSumPkLosYestIdx<br> | .. 1.1.3 | n/a | Integer32 (1..9999) | n/a | An index containing the measurements of the pktloss voice statistics. |
| avCmMeasIpVoStatSumPkLosYestRegion<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.4 | R | Integer32 (0..2000) | List Command: Region | An object that containing the network region. |
| avCmMeasIpVoStatSumPkLosYestMeasHour<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.5 | | Integer32 (0..2300) | Measurement Hour | An object containing the hour. |
| avCmMeasIpVoStatSumPkLosYestRunTime<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date. |
| avCmMeasIpVoStatSumPkLosYestBoardLoc<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.7 | | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |
| avCmMeasIpVoStatSumPkLosYestCallingNum<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.8 | | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumPkLosYestCalledNum<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatSumPkLosYestDstReg<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.10 | R | Integer32 (0..9999) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSumPkLosYestCodec<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.11 | R | SnmpAdminString (SIZE (0..8)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSumPkLosYestTimeCall<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.12 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the timestamp when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format. |
| avCmMeasIpVoStatSumPkLosYestUDPPort<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.13 | | SnmpAdminString (SIZE (0..6)) | UDP Port | An object containing the port used by the media processor for the call. |
| avCmMeasIpVoStatSumPkLosYestPktSize<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.14 | R | Integer32 (0..999) | Pkt Size | An object containing the packet size of each data stream in milliseconds. |
| avCmMeasIpVoStatSumPkLosYestTotnumLosPkts<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.15 | R | Integer32 (0..9999) | Total # lost Pkts | An object containing the total packets lost during a call. |
| avCmMeasIpVoStatSumPkLosYestPktLossPerc | .. 1.1.16 | | SnmpAdminString (SIZE (0..3)) | Packet Loss | An object containing the peak packekt loss for a call. The |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | | | | | packet loss is measured at 10-second intervals. |
| avCmMeasIpVoStatSumPkLosYestSilSup<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.17 | R | SnmpAdminString (SIZE (0..2)) | Sil Sup | An object containing the status of silence suppression during a call. |
| avCmMeasIpVoStatSumPkLosYestFEAddr<br>IP VOICE STATSTICS SUMMARY PKTLOSS REPORT | .. 1.1.18 | R | SnmpAdminString (SIZE (0..41)) | FEAddr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats summary pktloss yesterday                Page   1

Switch Name:                                        Date: 2:16 am  MON JUN 1, 2015
                    IP VOICE STATISTICS SUMMARY PKTLOSS REPORT
                                                   Time      Pkt   Total Packet
Src Meas  Board Calling Number/ Dst                 of  UDP  Size  #lost   Loss  Sil
Reg Hour  Loc   Called#/FEAddr  Reg Codec          Call Port (ms)   Pkts     %    Sup
2   100   01A14 5020028          2   g711m        3737 3025420     1237    33    n
                5020128        10.129.137.128
2   100   01A14 5020045          2   g711m        5557 3028820     487     30    n
                5020145        10.129.137.145
2   100   01A14 5020038          2   g711m        4701 3027420     265     30    n
                5020138        10.129.137.138
2   100   01A14 5020053          2   g711m        0925 3030420     605     30    n
                5020153        10.129.137.153
2   100   01A14 5020005          2   g711m        0713 3020820     501     30    n
                5020105        10.129.137.105
1   300   01A06 5020012          3   g711m        5022 3002220     400     32    n
                5020112        10.129.137.12
1   300   01A06 5020029          3   g711m        4634 3005620     607     30    n
                5020129        10.129.137.29

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumPkLosYest
avCmMeasIpVoStatSumPkLosYestRegion.1.300.1 = INTEGER: 1
avCmMeasIpVoStatSumPkLosYestRegion.1.300.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumPkLosYestRegion.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosYestMeasHour.1.300.1 = INTEGER: 300
avCmMeasIpVoStatSumPkLosYestMeasHour.1.300.2 = INTEGER: 300
:
:
avCmMeasIpVoStatSumPkLosYestMeasHour.2.100.5 = INTEGER: 100
```

```
avCmMeasIpVoStatSumPkLosYestRunTime.1.300.1 = STRING: 2:11 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosYestRunTime.1.300.2 = STRING: 2:11 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatSumPkLosYestRunTime.2.100.5 = STRING: 2:11 am MON JUN 1, 2015
avCmMeasIpVoStatSumPkLosYestBoardLoc.1.300.1 = STRING: 01A06
avCmMeasIpVoStatSumPkLosYestBoardLoc.1.300.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumPkLosYestBoardLoc.2.100.5 = STRING: 01A14
avCmMeasIpVoStatSumPkLosYestCallingNum.1.300.1 = STRING: 5020012
avCmMeasIpVoStatSumPkLosYestCallingNum.1.300.2 = STRING: 5020029
:
:
avCmMeasIpVoStatSumPkLosYestCallingNum.2.100.5 = STRING: 5020005
avCmMeasIpVoStatSumPkLosYestCalledNum.1.300.1 = STRING: 5020112
avCmMeasIpVoStatSumPkLosYestCalledNum.1.300.2 = STRING: 5020129
:
:
avCmMeasIpVoStatSumPkLosYestCalledNum.2.100.5 = STRING: 5020105
avCmMeasIpVoStatSumPkLosYestDstReg.1.300.1 = INTEGER: 3
avCmMeasIpVoStatSumPkLosYestDstReg.1.300.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumPkLosYestDstReg.2.100.5 = INTEGER: 2
avCmMeasIpVoStatSumPkLosYestCodec.1.300.1 = STRING: g711m
avCmMeasIpVoStatSumPkLosYestCodec.1.300.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumPkLosYestCodec.2.100.5 = STRING: g711m
avCmMeasIpVoStatSumPkLosYestTimeCall.1.300.1 = STRING: 5022
avCmMeasIpVoStatSumPkLosYestTimeCall.1.300.2 = STRING: 4634
:
:
avCmMeasIpVoStatSumPkLosYestTimeCall.2.100.5 = STRING: 0713
avCmMeasIpVoStatSumPkLosYestUDPPort.1.300.1 = STRING: 30022
avCmMeasIpVoStatSumPkLosYestUDPPort.1.300.2 = STRING: 30056
:
:
avCmMeasIpVoStatSumPkLosYestUDPPort.2.100.5 = STRING: 30208
avCmMeasIpVoStatSumPkLosYestPktSize.1.300.1 = INTEGER: 20
avCmMeasIpVoStatSumPkLosYestPktSize.1.300.2 = INTEGER: 20
:
:
avCmMeasIpVoStatSumPkLosYestPktSize.2.100.5 = INTEGER: 20
avCmMeasIpVoStatSumPkLosYestTotnumLosPkts.1.300.1 = INTEGER: 400
avCmMeasIpVoStatSumPkLosYestTotnumLosPkts.1.300.2 = INTEGER: 607
:
:
avCmMeasIpVoStatSumPkLosYestTotnumLosPkts.2.100.5 = INTEGER: 501
avCmMeasIpVoStatSumPkLosYestPktLossPerc.1.300.1 = STRING: 32
avCmMeasIpVoStatSumPkLosYestPktLossPerc.1.300.2 = STRING: 30
:
:
avCmMeasIpVoStatSumPkLosYestPktLossPerc.2.100.5 = STRING: 30
avCmMeasIpVoStatSumPkLosYestSilSup.1.300.1 = STRING: n
avCmMeasIpVoStatSumPkLosYestSilSup.1.300.2 = STRING: n
:
:
avCmMeasIpVoStatSumPkLosYestSilSup.2.100.5 = STRING: n
avCmMeasIpVoStatSumPkLosYestFEAddr.1.300.1 = STRING: 10.129.137.12
avCmMeasIpVoStatSumPkLosYestFEAddr.1.300.2 = STRING: 10.129.137.29
:
:
avCmMeasIpVoStatSumPkLosYestFEAddr.2.100.5 = STRING: 10.129.137.105
```

# avCmMeasIpVoStatSumRtdelLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIpVoStatSumRtdelLstHr | enterprises.6889.2.73.8.1.74 | Table |

### Description

The avCmMeasIpVoStatSumRtdelLstHr MIB group displays the packet delay recorded during calls in the previous hour for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSumRtdelLstHr | SAT | `list measurements ip voice-stats rtdelay last-hour` | IP VOICE STATISTICS SUMMARY RTDELAY REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumRtdelLstHrTable | .1 | n/a | SEQUENCE OF avCmMeasIpVoStatSumRtdelLstHrEntry | n/a | An object containing the avCmMeasIpVoStatSumRtdelLstHr entries. |
| avCmMeasIpVoStatSumRtdelLstHrEntry | .1.1 | n/a | avCmMeasIpVoStatSumRtdelLstHrEntry | n/a | An object containing the avCmMeasIpVoStatSumRtdelLstHr entry with the information that the switch sent. |
| avCmMeasIpVoStatSumRtdelLstHrRegIdx | .1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| avCmMeasIpVoStatSumRtdelLstHrHourIdx | .1.1.2 | n/a | Integer32 (1..2300) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| avCmMeasIpVoStatSumRtdelLstHrHourIdx | .1.1.3 | n/a | Integer32 (1..9999) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| avCmMeasIpVoStatSumRtdelLstHrRegion<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.4 | R | Integer32 (1..2000) | List Command: Region | An object containing the network region. |
| avCmMeasIpVoStatSumRtdelLstHrMeasHour<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.5 | R | Integer32 (1..2300) | Measurement Hour | An object that containing the measurement hour. |
| avCmMeasIpVoStatSumRtdelLstHrRunTime<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date |
| avCmMeasIpVoStatSumRtdelLstHrBoardLoc | .1.1.7 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS SUMMARY RTDELAY REPORT | | | | | |
| avCmMeasIpVoStatSumRtdelLstHrCallingNum<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIpVoStatSumRtdelLstHrCalledNum<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatSumRtdelLstHrDstReg<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.10 | R | Integer32 (0..9999) | Pkt Size | An object containing the packet size of each data stream in milliseconds. |
| avCmMeasIpVoStatSumRtdelLstHrDstReg<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.11 | R | Integer32 (0..9999) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSumRtdelLstHrCodec<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.12 | R | SnmpAdminString (SIZE (0..58)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSumRtdelLstHrAvg<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.13 | R | Integer32 (0..9999) | RT-Delay Avg | An object containing the average two-way packet delay in milliseconds. |
| avCmMeasIpVoStatSumRtdelLstHrPeak<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.14 | R | Integer32 (0..999) | RT-Delay Peak | An object containing the peak two-way packet delay during a call. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumRtdelLstHrTimeCall<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.15 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the timestamp when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format.. |
| avCmMeasIpVoStatSumRtdelLstHrDataCallr<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..2)) | Data Call | An object containing the indication of a data call. |
| avCmMeasIpVoStatSumRtdelLstHrEncryp<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..2)) | Encryp | An object containing the status of encryption during a call. |
| avCmMeasIpVoStatSumRtdelLstHrEC<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..2)) | EC | An object containing the status of echo cancellation during a call. |
| avCmMeasIpVoStatSumRtdelLstHrFEAddr<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.19 | R | SnmpAdminString (SIZE (0..41)) | FE-Addr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats summary rtdelay last-hour                Page   1

Switch Name:                                      Date: 9:16 am  FRI MAY 29, 2015
                    IP VOICE STATISTICS SUMMARY RTDELAY REPORT
                                  Pkt                 RT-Delay    Time
Src Meas Board  Calling Number/ Size Dst              Avg  Peak    of  Data
Reg Hour Loc    Called#/FE-Addr (ms) Reg Codec        (ms) (ms)  Call Call Encr EC
2   800  01A14  5020065          20   2   g711m       424  568   5922  n    n    n
                5020165        10.129.137.165
2   800  01A14  5020053          20   2   g711m       365  563   5742  n    n    n
                5020153        10.129.137.153
2   800  01A14  5020041          20   2   g711m       312  545   5722  n    n    n
                5020141        10.129.137.141
2   800  01A14  5020004          20   2   g711m       290  544   5452  n    n    n
                5020104        10.129.137.104
2   800  01A14  5020006          20   2   g711m       352  518   4442  n    n    n
                5020106        10.129.137.106
1   800  01A06  5020060          20   3   g711m       343  520   5038  n    n    n
                5020160        10.129.137.60
1   800  01A06  5020083          20   3   g711m       333  456   4852  n    n    n
                5020183        10.129.137.83

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumRtdelLstHr
avCmMeasIpVoStatSumRtdelLstHrRegion.1.800.1 = INTEGER: 1
avCmMeasIpVoStatSumRtdelLstHrRegion.1.800.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumRtdelLstHrRegion.4.800.5 = INTEGER: 4
avCmMeasIpVoStatSumRtdelLstHrMeasHour.1.800.1 = INTEGER: 800
avCmMeasIpVoStatSumRtdelLstHrMeasHour.1.800.2 = INTEGER: 800
:
:
avCmMeasIpVoStatSumRtdelLstHrMeasHour.4.800.5 = INTEGER: 800
avCmMeasIpVoStatSumRtdelLstHrRunTime.1.800.1 = STRING: 9:18 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelLstHrRunTime.1.800.2 = STRING: 9:18 am FRI MAY 29, 2015
:
:
MAY 29, 2015
avCmMeasIpVoStatSumRtdelLstHrRunTime.4.800.5 = STRING: 9:18 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelLstHrBoardLoc.1.800.1 = STRING: 01A06
avCmMeasIpVoStatSumRtdelLstHrBoardLoc.1.800.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumRtdelLstHrBoardLoc.4.800.5 = STRING: 01A04
avCmMeasIpVoStatSumRtdelLstHrCallingNum.1.800.1 = STRING: 5020060
avCmMeasIpVoStatSumRtdelLstHrCallingNum.1.800.2 = STRING: 5020083
:
:
avCmMeasIpVoStatSumRtdelLstHrCallingNum.4.800.5 = STRING: 5020100
avCmMeasIpVoStatSumRtdelLstHrCalledNum.1.800.1 = STRING: 5020160
avCmMeasIpVoStatSumRtdelLstHrCalledNum.1.800.2 = STRING: 5020183
:
:
avCmMeasIpVoStatSumRtdelLstHrCalledNum.4.800.5 = STRING: 5020200
avCmMeasIpVoStatSumRtdelLstHrPktSize.1.800.1 = INTEGER: 20
avCmMeasIpVoStatSumRtdelLstHrPktSize.1.800.2 = INTEGER: 20
```

```
:
:
avCmMeasIpVoStatSumRtdelLstHrPktSize.4.800.5 = INTEGER: 20
avCmMeasIpVoStatSumRtdelLstHrDstReg.1.800.1 = INTEGER: 3
avCmMeasIpVoStatSumRtdelLstHrDstReg.1.800.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumRtdelLstHrDstReg.4.800.5 = INTEGER: 4
avCmMeasIpVoStatSumRtdelLstHrCodec.1.800.1 = STRING: g711m
avCmMeasIpVoStatSumRtdelLstHrCodec.1.800.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumRtdelLstHrCodec.4.800.5 = STRING: g711m
avCmMeasIpVoStatSumRtdelLstHrAvg.1.800.1 = INTEGER: 343
avCmMeasIpVoStatSumRtdelLstHrAvg.1.800.2 = INTEGER: 333
:
:
avCmMeasIpVoStatSumRtdelLstHrAvg.4.800.5 = INTEGER: 117
avCmMeasIpVoStatSumRtdelLstHrPeak.1.800.1 = INTEGER: 520
avCmMeasIpVoStatSumRtdelLstHrPeak.1.800.2 = INTEGER: 456
:
:
avCmMeasIpVoStatSumRtdelLstHrPeak.4.800.5 = INTEGER: 277
avCmMeasIpVoStatSumRtdelLstHrTimeCall.1.800.1 = STRING: 5038
avCmMeasIpVoStatSumRtdelLstHrTimeCall.1.800.2 = STRING: 4852
:
:
avCmMeasIpVoStatSumRtdelLstHrTimeCall.4.800.5 = STRING: 4456
avCmMeasIpVoStatSumRtdelLstHrDataCall.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrDataCall.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelLstHrDataCall.4.800.5 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEncryp.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEncryp.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelLstHrEncryp.2.800.5 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEncryp.3.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEncryp.3.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelLstHrEncryp.4.800.5 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEC.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelLstHrEC.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelLstHrEC.4.800.5 = STRING: y
avCmMeasIpVoStatSumRtdelLstHrFEAddr.1.800.1 = STRING: 10.129.137.60
avCmMeasIpVoStatSumRtdelLstHrFEAddr.1.800.2 = STRING: 10.129.137.83
:
:
avCmMeasIpVoStatSumRtdelLstHrFEAddr.4.800.5 = STRING: 10.129.137.100
vit@server1>
```

# avCmMeasIpVoStatSumRtdelToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIpVoStatSumRtdelTod ay | enterprises.6889.2.73.8.1.75 | Table |

### Description

The avCmMeasIpVoStatSumRtdelToday MIB group displays the packet delay recorded during calls in the present day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSum RtdelToday | SAT | `list measurements ip voice-stats rtdelay last-hour` | IP VOICE STATISTICS SUMMARY RTDELAY REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumRtdelTodayTable | .1 | n/a | SEQUENCE OF avCmMeasIpVoStatSumRtdelTodayEntry | n/a | An object containing the avCmMeasIpVoStatSumRtdelToday entries. |
| avCmMeasIpVoStatSumRtdelTodayEntry | .1.1 | n/a | avCmMeasIpVoStatSumRtdelTodayEntry | n/a | An object containing the avCmMeasIpVoStatSumRtdelToday entry with the information that the switch sent. |
| avCmMeasIpVoStatSumRtdelTodayRegIdx | .1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| avCmMeasIpVoStatSumRtdelTodayHourIdx | .1.1.2 | n/a | Integer32 (1..2300) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| avCmMeasIpVoStatSumRtdelTodayHourIdx | .1.1.3 | n/a | Integer32 (1..9999) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| avCmMeasIpVoStatSumRtdelTodayRegion<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.4 | R | Integer32 (1..2000) | List Command: Region | An object containing the network region. |
| avCmMeasIpVoStatSumRtdelTodayMeasHour<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.5 | R | Integer32 (1..2300) | Measurement Hour | An object that containing the measurement hour. |
| avCmMeasIpVoStatSumRtdelTodayRunTime<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumRtdelTodayBoardLoc<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.7 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |
| avCmMeasIpVoStatSumRtdelTodayCallingNum<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIpVoStatSumRtdelTodayCalledNum<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatSumRtdelTodayDstReg<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.10 | R | Integer32 (0..9999) | Pkt Size | An object containing the packet size of each data stream in milliseconds. |
| avCmMeasIpVoStatSumRtdelTodayDstReg<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.11 | R | Integer32 (0..9999) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSumRtdelTodayCodec<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.12 | R | SnmpAdminString (SIZE (0..58)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSumRtdelTodayAvg<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.13 | R | Integer32 (0..9999) | RT-Delay Avg | An object containing the average two-way packet delay in milliseconds. |
| avCmMeasIpVoStatSumRtdelTodayPeak | .1.1.14 | R | Integer32 (0..999) | RT-Delay Peak | An object containing the peak two-way packet delay during a call. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS SUMMARY RTDELAY REPORT | | | | | |
| avCmMeasIpVoStatSumRtdelTodayTimeCall<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.15 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the timestamp when the threshold was exceeded. The timestamp is displayed in the MMSS (minutes seconds) format.. |
| avCmMeasIpVoStatSumRtdelTodayDataCallr<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..2)) | Data Call | An object containing the indication of a data call. |
| avCmMeasIpVoStatSumRtdelTodayEncryp<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..2)) | Encryp | An object containing the status of encryption during a call. |
| avCmMeasIpVoStatSumRtdelTodayEC<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..2)) | EC | An object containing the status of echo cancellation during a call. |
| avCmMeasIpVoStatSumRtdelTodayFEAddr<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.19 | R | SnmpAdminString (SIZE (0..41)) | FE-Addr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats summary rtdelay today

Switch Name:                                        Date: 8:45 am  FRI MAY 29, 2015
                    IP VOICE STATISTICS SUMMARY RTDELAY REPORT
                                    Pkt                 RT-Delay    Time
Src Meas Board  Calling Number/ Size Dst                Avg  Peak    of  Data
Reg Hour Loc    Called#/FE-Addr (ms) Reg Codec          (ms) (ms)   Call Call Encr EC
1   100  01A06  5021678          20   3   g711m         1    2      4027  n    n    n
                5022682        10.216.0.252
1   100  01A06  5021618          20   3   g711m         0    1      4035  n    n    n
                5022210        10.216.0.251
1   100  01A06  5021678          20   3   g711m         1    1      4023  n    n    n
                5022682        10.216.0.252
1   100  01A06  5021106          20   3   g711m         0    1      4015  n    n    n
                5022097        10.216.0.251
1   100  01A06  5021181          20   3   g711m         0    1      3955  n    n    n
                5022777        10.216.0.251
3   300  01A03  5021915          20   3   g711m         5    5      4252  n    n    y
                5022223        10.216.0.251



Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumRtdelToday
avCmMeasIpVoStatSumRtdelTodayRegion.1.100.1 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayRegion.1.100.2 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayRegion.1.100.3 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayRegion.1.100.4 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayRegion.1.100.5 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayRegion.3.300.1 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayMeasHour.1.100.1 = INTEGER: 100
avCmMeasIpVoStatSumRtdelTodayMeasHour.1.100.2 = INTEGER: 100
avCmMeasIpVoStatSumRtdelTodayMeasHour.1.100.3 = INTEGER: 100
avCmMeasIpVoStatSumRtdelTodayMeasHour.1.100.4 = INTEGER: 100
avCmMeasIpVoStatSumRtdelTodayMeasHour.1.100.5 = INTEGER: 100
avCmMeasIpVoStatSumRtdelTodayMeasHour.3.300.1 = INTEGER: 300
avCmMeasIpVoStatSumRtdelTodayRunTime.1.100.1 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayRunTime.1.100.2 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayRunTime.1.100.3 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayRunTime.1.100.4 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayRunTime.1.100.5 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayRunTime.3.300.1 = STRING: 8:46 am FRI MAY 29, 2015
avCmMeasIpVoStatSumRtdelTodayBoardLoc.1.100.1 = STRING: 01A06
avCmMeasIpVoStatSumRtdelTodayBoardLoc.1.100.2 = STRING: 01A06
avCmMeasIpVoStatSumRtdelTodayBoardLoc.1.100.3 = STRING: 01A06
avCmMeasIpVoStatSumRtdelTodayBoardLoc.1.100.4 = STRING: 01A06
avCmMeasIpVoStatSumRtdelTodayBoardLoc.1.100.5 = STRING: 01A06
avCmMeasIpVoStatSumRtdelTodayBoardLoc.3.300.1 = STRING: 01A03
avCmMeasIpVoStatSumRtdelTodayCallingNum.1.100.1 = STRING: 5021678
avCmMeasIpVoStatSumRtdelTodayCallingNum.1.100.2 = STRING: 5021618
avCmMeasIpVoStatSumRtdelTodayCallingNum.1.100.3 = STRING: 5021678
avCmMeasIpVoStatSumRtdelTodayCallingNum.1.100.4 = STRING: 5021106
avCmMeasIpVoStatSumRtdelTodayCallingNum.1.100.5 = STRING: 5021181
avCmMeasIpVoStatSumRtdelTodayCallingNum.3.300.1 = STRING: 5021915
avCmMeasIpVoStatSumRtdelTodayCalledNum.1.100.1 = STRING: 5022682
avCmMeasIpVoStatSumRtdelTodayCalledNum.1.100.2 = STRING: 5022210
avCmMeasIpVoStatSumRtdelTodayCalledNum.1.100.3 = STRING: 5022682
```

```
avCmMeasIpVoStatSumRtdelTodayCalledNum.1.100.4 = STRING: 5022097
avCmMeasIpVoStatSumRtdelTodayCalledNum.1.100.5 = STRING: 5022777
avCmMeasIpVoStatSumRtdelTodayCalledNum.3.300.1 = STRING: 5022223
avCmMeasIpVoStatSumRtdelTodayPktSize.1.100.1 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayPktSize.1.100.2 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayPktSize.1.100.3 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayPktSize.1.100.4 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayPktSize.1.100.5 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayPktSize.3.300.1 = INTEGER: 20
avCmMeasIpVoStatSumRtdelTodayDstReg.1.100.1 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayDstReg.1.100.2 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayDstReg.1.100.3 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayDstReg.1.100.4 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayDstReg.1.100.5 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayDstReg.3.300.1 = INTEGER: 3
avCmMeasIpVoStatSumRtdelTodayCodec.1.100.1 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayCodec.1.100.2 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayCodec.1.100.3 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayCodec.1.100.4 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayCodec.1.100.5 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayCodec.3.300.1 = STRING: g711m
avCmMeasIpVoStatSumRtdelTodayAvg.1.100.1 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayAvg.1.100.2 = INTEGER: 0
avCmMeasIpVoStatSumRtdelTodayAvg.1.100.3 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayAvg.1.100.4 = INTEGER: 0
avCmMeasIpVoStatSumRtdelTodayAvg.1.100.5 = INTEGER: 0
avCmMeasIpVoStatSumRtdelTodayAvg.3.300.1 = INTEGER: 5
avCmMeasIpVoStatSumRtdelTodayPeak.1.100.1 = INTEGER: 2
avCmMeasIpVoStatSumRtdelTodayPeak.1.100.2 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayPeak.1.100.3 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayPeak.1.100.4 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayPeak.1.100.5 = INTEGER: 1
avCmMeasIpVoStatSumRtdelTodayPeak.3.300.1 = INTEGER: 5
avCmMeasIpVoStatSumRtdelTodayTimeCall.1.100.1 = STRING: 4027
avCmMeasIpVoStatSumRtdelTodayTimeCall.1.100.2 = STRING: 4035
avCmMeasIpVoStatSumRtdelTodayTimeCall.1.100.3 = STRING: 4023
avCmMeasIpVoStatSumRtdelTodayTimeCall.1.100.4 = STRING: 4015
avCmMeasIpVoStatSumRtdelTodayTimeCall.1.100.5 = STRING: 3955
avCmMeasIpVoStatSumRtdelTodayTimeCall.3.300.1 = STRING: 4252
avCmMeasIpVoStatSumRtdelTodayDataCall.1.100.1 = STRING: n
avCmMeasIpVoStatSumRtdelTodayDataCall.1.100.2 = STRING: n
avCmMeasIpVoStatSumRtdelTodayDataCall.1.100.3 = STRING: n
avCmMeasIpVoStatSumRtdelTodayDataCall.1.100.4 = STRING: n
avCmMeasIpVoStatSumRtdelTodayDataCall.1.100.5 = STRING: n
avCmMeasIpVoStatSumRtdelTodayDataCall.3.300.1 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.1.100.1 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.1.100.2 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.1.100.3 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.1.100.4 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.1.100.5 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEncryp.3.300.1 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.1.100.1 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.1.100.2 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.1.100.3 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.1.100.4 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.1.100.5 = STRING: n
avCmMeasIpVoStatSumRtdelTodayEC.3.300.1 = STRING: y
avCmMeasIpVoStatSumRtdelTodayFEAddr.1.100.1 = STRING: 10.216.0.252
avCmMeasIpVoStatSumRtdelTodayFEAddr.1.100.2 = STRING: 10.216.0.251
avCmMeasIpVoStatSumRtdelTodayFEAddr.1.100.3 = STRING: 10.216.0.252
avCmMeasIpVoStatSumRtdelTodayFEAddr.1.100.4 = STRING: 10.216.0.251
avCmMeasIpVoStatSumRtdelTodayFEAddr.1.100.5 = STRING: 10.216.0.251
avCmMeasIpVoStatSumRtdelTodayFEAddr.3.300.1 = STRING: 10.216.0.251
```

# avCmMeasIpVoStatSumRtdelYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIpVoStatSumRtdelYest | enterprises.6889.2.73.8.1.76 | Table |

### Description

The avCmMeasIpVoStatSumRtdelYest MIB group displays the packet delay recorded during calls in the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSum RtdelYest | SAT | `list measurements ip voice-stats rtdelay last-hour` | IP VOICE STATISTICS SUMMARY RTDELAY REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumRtdelYestTable | .1 | n/a | SEQUENCE OF avCmMeasIpVoStatSumRtdelYestEntry | n/a | An object containing the avCmMeasIpVoStatSumRtdelYest entries. |
| avCmMeasIpVoStatSumRtdelYestEntry | .1.1 | n/a | avCmMeasIpVoStatSumRtdelYestEntry | n/a | An object containing the avCmMeasIpVoStatSumRtdelYest entry with the information that the switch sent. |
| avCmMeasIpVoStatSumRtdelYestRegIdx | .1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| avCmMeasIpVoStatSumRtdelYestHourIdx | .1.1.2 | n/a | Integer32 (1..2300) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| avCmMeasIpVoStatSumRtdelYestHourIdx | .1.1.3 | n/a | Integer32 (1..9999) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| avCmMeasIpVoStatSumRtdelYestRegion<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.4 | R | Integer32 (1..2000) | List Command: Region | An object containing the network region. |
| avCmMeasIpVoStatSumRtdelYestMeasHour<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.5 | R | Integer32 (1..2300) | Measurement Hour | An object that containing the measurement hour. |
| avCmMeasIpVoStatSumRtdelYestRunTime<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date |
| avCmMeasIpVoStatSumRtdelYestBoardLoc | .1.1.7 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |

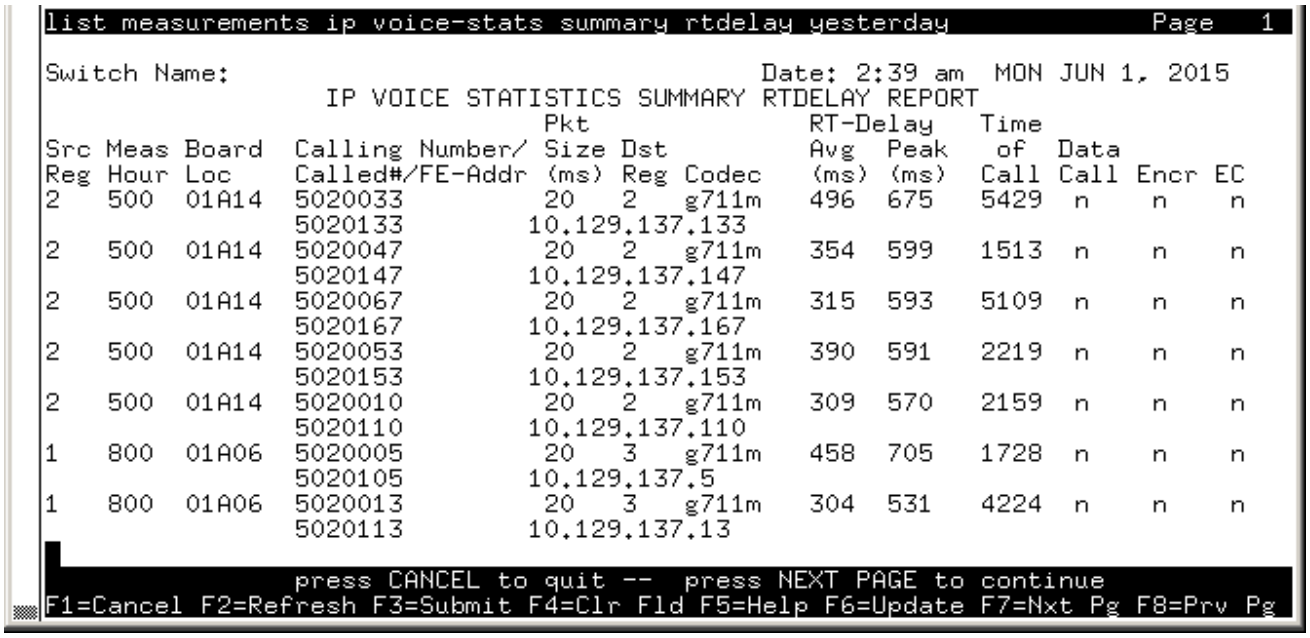
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS SUMMARY RTDELAY REPORT | | | | | |
| avCmMeasIpVoStatSumRtdelYestCallingNum<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIpVoStatSumRtdelYestCalledNum<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatSumRtdelYestDstReg<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.10 | R | Integer32 (0..9999) | Pkt Size | An object containing the packet size of each data stream in milliseconds. |
| avCmMeasIpVoStatSumRtdelYestDstReg<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.11 | R | Integer32 (0..9999) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSumRtdelYestCodec<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.12 | R | SnmpAdminString (SIZE (0..58)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSumRtdelYestAvg<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.13 | R | Integer32 (0..9999) | RT-Delay Avg | An object containing the average two-way packet delay in milliseconds. |
| avCmMeasIpVoStatSumRtdelYestPeak<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.14 | R | Integer32 (0..999) | RT-Delay Peak | An object containing the peak two-way packet delay during a call. |
| avCmMeasIpVoStatSumRtdelYestTimeCall | .1.1.15 | R | SnmpAdminString (SIZE (0..5)) | Time of Call | An object containing the timestamp when the threshold was |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS SUMMARY RTDELAY REPORT | | | | | exceeded. The timestamp is displayed in the MMSS (minutes seconds) format.. |
| avCmMeasIpVoStatSumRtdelYestDataCallr<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..2)) | Data Call | An object containing the indication of a data call. |
| avCmMeasIpVoStatSumRtdelYestEncryp<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..2)) | Encryp | An object containing the status of encryption during a call. |
| avCmMeasIpVoStatSumRtdelYestEC<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..2)) | EC | An object containing the status of echo cancellation during a call. |
| avCmMeasIpVoStatSumRtdelYestFEAddr<br>IP VOICE STATISTICS SUMMARY RTDELAY REPORT | .1.1.19 | R | SnmpAdminString (SIZE (0..41)) | FE-Addr | An object containing the far-end IP address. |

## Sample output of forms



```
list measurements ip voice-stats summary rtdelay yesterday                Page   1

Switch Name:                                      Date: 2:39 am  MON JUN 1, 2015
                    IP VOICE STATISTICS SUMMARY RTDELAY REPORT
                                 Pkt                  RT-Delay    Time
Src Meas Board  Calling Number/ Size Dst              Avg  Peak    of  Data
Reg Hour Loc    Called#/FE-Addr (ms) Reg Codec        (ms) (ms)  Call Call Encr EC
2   500  01A14  5020033          20   2   g711m       496  675   5429  n    n    n
                5020133        10.129.137.133
2   500  01A14  5020047          20   2   g711m       354  599   1513  n    n    n
                5020147        10.129.137.147
2   500  01A14  5020067          20   2   g711m       315  593   5109  n    n    n
                5020167        10.129.137.167
2   500  01A14  5020053          20   2   g711m       390  591   2219  n    n    n
                5020153        10.129.137.153
2   500  01A14  5020010          20   2   g711m       309  570   2159  n    n    n
                5020110        10.129.137.110
1   800  01A06  5020005          20   3   g711m       458  705   1728  n    n    n
                5020105        10.129.137.5
1   800  01A06  5020013          20   3   g711m       304  531   4224  n    n    n
                5020113        10.129.137.13

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumRtdelYest
avCmMeasIpVoStatSumRtdelYestRegion.1.800.1 = INTEGER: 1
avCmMeasIpVoStatSumRtdelYestRegion.1.800.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumRtdelYestRegion.3.500.5 = INTEGER: 3
avCmMeasIpVoStatSumRtdelYestMeasHour.1.800.1 = INTEGER: 800
avCmMeasIpVoStatSumRtdelYestMeasHour.1.800.2 = INTEGER: 800
:
:
avCmMeasIpVoStatSumRtdelYestMeasHour.3.500.5 = INTEGER: 500
avCmMeasIpVoStatSumRtdelYestRunTime.1.800.1 = STRING: 2:36 am MON JUN 1, 2015
avCmMeasIpVoStatSumRtdelYestRunTime.1.800.2 = STRING: 2:36 am MON JUN 1, 2015
:
:
avCmMeasIpVoStatSumRtdelYestRunTime.3.500.5 = STRING: 2:36 am MON JUN 1, 2015
avCmMeasIpVoStatSumRtdelYestBoardLoc.1.800.1 = STRING: 01A06
avCmMeasIpVoStatSumRtdelYestBoardLoc.1.800.2 = STRING: 01A06
:
:
avCmMeasIpVoStatSumRtdelYestBoardLoc.3.500.5 = STRING: 01A03
avCmMeasIpVoStatSumRtdelYestCallingNum.1.800.1 = STRING: 5020005
avCmMeasIpVoStatSumRtdelYestCallingNum.1.800.2 = STRING: 5020013
:
:
avCmMeasIpVoStatSumRtdelYestCallingNum.3.500.5 = STRING: 5020049
avCmMeasIpVoStatSumRtdelYestCalledNum.1.800.1 = STRING: 5020105
avCmMeasIpVoStatSumRtdelYestCalledNum.1.800.2 = STRING: 5020113
:
:
avCmMeasIpVoStatSumRtdelYestCalledNum.3.500.5 = STRING: 5020149
avCmMeasIpVoStatSumRtdelYestPktSize.1.800.1 = INTEGER: 20
avCmMeasIpVoStatSumRtdelYestPktSize.1.800.2 = INTEGER: 20
:
```

```
:
avCmMeasIpVoStatSumRtdelYestPktSize.3.500.5 = INTEGER: 20
avCmMeasIpVoStatSumRtdelYestDstReg.1.800.1 = INTEGER: 3
avCmMeasIpVoStatSumRtdelYestDstReg.1.800.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumRtdelYestDstReg.3.500.5 = INTEGER: 3
avCmMeasIpVoStatSumRtdelYestCodec.1.800.1 = STRING: g711m
avCmMeasIpVoStatSumRtdelYestCodec.1.800.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumRtdelYestCodec.3.500.5 = STRING: g711m
avCmMeasIpVoStatSumRtdelYestAvg.1.800.1 = INTEGER: 458
avCmMeasIpVoStatSumRtdelYestAvg.1.800.2 = INTEGER: 304
:
:
avCmMeasIpVoStatSumRtdelYestAvg.3.500.5 = INTEGER: 221
avCmMeasIpVoStatSumRtdelYestPeak.1.800.1 = INTEGER: 705
avCmMeasIpVoStatSumRtdelYestPeak.1.800.2 = INTEGER: 531
:
:
avCmMeasIpVoStatSumRtdelYestPeak.3.500.5 = INTEGER: 419
avCmMeasIpVoStatSumRtdelYestTimeCall.1.800.1 = STRING: 1728
avCmMeasIpVoStatSumRtdelYestTimeCall.1.800.2 = STRING: 4224
:
:
avCmMeasIpVoStatSumRtdelYestTimeCall.3.500.5 = STRING: 0620
avCmMeasIpVoStatSumRtdelYestDataCall.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelYestDataCall.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelYestDataCall.3.500.5 = STRING: n
avCmMeasIpVoStatSumRtdelYestEncryp.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelYestEncryp.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelYestEncryp.3.500.5 = STRING: n
avCmMeasIpVoStatSumRtdelYestEC.1.800.1 = STRING: n
avCmMeasIpVoStatSumRtdelYestEC.1.800.2 = STRING: n
:
:
avCmMeasIpVoStatSumRtdelYestEC.3.500.5 = STRING: y
avCmMeasIpVoStatSumRtdelYestFEAddr.1.800.1 = STRING: 10.129.137.5
avCmMeasIpVoStatSumRtdelYestFEAddr.1.800.2 = STRING: 10.129.137.13
:
:
avCmMeasIpVoStatSumRtdelYestFEAddr.3.500.5 = STRING: 10.129.137.49
```

# avCmMeasIpVoStatSumDataLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatSumLstHr | enterprises.6889.2.73.8.1.77 | Table |

## Description

The avCmMeasIpVoStatSumRtdelLstHr MIB group displays the packet delay recorded during calls in the previous hour for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form..

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSumDataLstHr | SAT | `list measurements ip voice-stats summary data yesterday` | IP VOICE STATISTICS SUMMARY DATA REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumDataLstHrTable | .1 | n/a | SEQUENCE OF avCmMeasIpVoStatSumDataLstHrEntry | n/a | An object containing the avCmMeasIpVoStatSumDataLstHr entries. |
| avCmMeasIpVoStatSumDataLstHrEntry | .1.1 | n/a | avCmMeasIpVoStatSumDataLstHrEntry | n/a | An object containing the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | avCmMeasIpVoStatSumDataLstHr entry with the information that the switch sent. |
| avCmMeasIpVoStatSumDataLstHrRegIdx | .1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| | | | | | |
| avCmMeasIpVoStatSumDataLstHrHourIdx | .1.1.2 | n/a | Integer32 (1..2300) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| | | | | | |
| avCmMeasIpVoStatSumDataLstHrHourIdx | .1.1.3 | n/a | Integer32 (1..9999) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| | | | | | |
| avCmMeasIpVoStatSumDataLstHrRegion | .1.1.4 | R | Integer32 (1..2000) | List Command: Region | An object containing the network region. |
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |
| avCmMeasIpVoStatSumDataLstHrMeasHour | .1.1.5 | R | Integer32 (1..2300) | Measurement Hour | An object that containing the measurement hour. |
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |
| avCmMeasIpVoStatSumDataLstHrRunTime | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date |
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |
| avCmMeasIpVoStatSumDataLstHrBoardLoc | .1.1.7 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |
| avCmMeasIpVoStatSumDataLstHrCallingNum | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumDataLstHrCalledNum<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatSumDataLstHrDstReg<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.10 | R | SnmpAdminString (SIZE (0..9999)) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSumDataLstHrCodec<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.11 | R | SnmpAdminString (SIZE (0..58)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSumDataLstHrDataType<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.12 | R | SnmpAdminString (SIZE (0..7)) | Data Type | An object containing the type of the call: ttyrel (TTY Relay), mod-pt (Modem pass-through), fax-pt (FAX pass-through), tty-pt (TTY pass-through), t38fax (T.38 FAX), faxrel (FAX relay), modrel (Modem relay) |
| avCmMeasIpVoStatSumDataLstHrPktSize<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.13 | R | SnmpAdminString (SIZE (0..999)) | Pkt Size | An object containing the packet size of each data stream in milliseconds. |
| avCmMeasIpVoStatSumDataLstLossPerc<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.14 | R | SnmpAdminString (SIZE (0..4)) | Loss % | An object containing the packet loss during a call. The packet loss is calculated at 10-second intervals. |
| avCmMeasIpVoStatSumDataLstHrPeakJitter<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.15 | R | SnmpAdminString (SIZE (0..9999)) | Peak Jit | An object containing the peak jitter during a call in milliseconds. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumDataLstHrPeakDly<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..9999)) | Dly | An object containing the peak two-way packet delay during a call in milliseconds. |
| avCmMeasIpVoStatSumDataLstHrEC<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..2)) | EC | An object containing the status of echo cancellation during a call. |
| avCmMeasIpVoStatSumDataLstHrFEAddr<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..41)) | FE-Addr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats summary data today                    Page   1

Switch Name:                                      Date: 3:38 pm  MON JUL 13, 2015
                  IP VOICE STATISTICS SUMMARY DATA REPORT
                                                                Packet      Peak
Src Meas  Board  Calling Number/  Dst          Data     Size    Loss  Jit   Dly EC
Reg Hour  Loc    Called#/FE IPAdr Reg Codec    Type     (ms)      %     (ms)
3   1400  01A05 4010               12  g711m   mod-pt   10        0     0     1     n
                4042           135.9.78.247
3   1400  01A05 4010               12  g711m   mod-pt   10        0     0     1     n
                4042           135.9.78.247
3   1400  01A05 4010               12  g711m   mod-pt   10        0     0     1     n
                4042           135.9.78.247
3   1400  01A05 4010               12  g711m   mod-pt   10        0     0     1     n
                4042           135.9.78.247
3   1400  01A05 4010               12  g711m   mod-pt   10        0     0     1     n
                4042           135.9.78.247
12  1400  07A03 4010               3   g711m   mod-pt   10        0     0     1     n
                4042           135.9.78.205
12  1400  07A03 4010               3   g711m   mod-pt   10        0     0     1     n
                4042           135.9.78.205

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 40 -v2c -Os -c public localhost -m /usr/share/snmp/mibss/AVAYA-AURA-CM-MIB.txt avCmMeasIpVoStatSumDataLstHr
avCmMeasIpVoStatSumDataLstHrRegion.3.1400.1 = INTEGER: 3
avCmMeasIpVoStatSumDataLstHrRegion.3.1400.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumDataLstHrRegion.12.1400.5 = INTEGER: 12
avCmMeasIpVoStatSumDataLstHrMeasHour.3.1400.1 = INTEGER: 1400
avCmMeasIpVoStatSumDataLstHrMeasHour.3.1400.2 = INTEGER: 1400
```

```
:
:
avCmMeasIpVoStatSumDataLstHrMeasHour.12.1400.5 = INTEGER: 1400
avCmMeasIpVoStatSumDataLstHrRunTime.3.1400.1 = STRING: 3:25 pm MON JUL 13, 2015
avCmMeasIpVoStatSumDataLstHrRunTime.3.1400.2 = STRING: 3:25 pm MON JUL 13, 2015
:
:
avCmMeasIpVoStatSumDataLstHrRunTime.12.1400.5 = STRING: 3:25 pm MON JUL 13, 2015
avCmMeasIpVoStatSumDataLstHrBoardLoc.3.1400.1 = STRING: 01A05
avCmMeasIpVoStatSumDataLstHrBoardLoc.3.1400.2 = STRING: 01A05
:
:
avCmMeasIpVoStatSumDataLstHrBoardLoc.12.1400.5 = STRING: 07A03
avCmMeasIpVoStatSumDataLstHrCallingNum.3.1400.1 = STRING: 4010
avCmMeasIpVoStatSumDataLstHrCallingNum.3.1400.2 = STRING: 4010
:
:
avCmMeasIpVoStatSumDataLstHrCallingNum.12.1400.5 = STRING: 4010
avCmMeasIpVoStatSumDataLstHrCalledNum.3.1400.1 = STRING: 4042
avCmMeasIpVoStatSumDataLstHrCalledNum.3.1400.2 = STRING: 4042
:
:
avCmMeasIpVoStatSumDataLstHrCalledNum.12.1400.5 = STRING: 4042
avCmMeasIpVoStatSumDataLstHrDstReg.3.1400.1 = INTEGER: 12
avCmMeasIpVoStatSumDataLstHrDstReg.3.1400.2 = INTEGER: 12
:
:
avCmMeasIpVoStatSumDataLstHrDstReg.12.1400.5 = INTEGER: 3
avCmMeasIpVoStatSumDataLstHrCodec.3.1400.1 = STRING: g711m
avCmMeasIpVoStatSumDataLstHrCodec.3.1400.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumDataLstHrCodec.12.1400.5 = STRING: g711m
avCmMeasIpVoStatSumDataLstHrDataType.3.1400.1 = STRING: mod-pt
avCmMeasIpVoStatSumDataLstHrDataType.3.1400.2 = STRING: mod-pt
:
:
avCmMeasIpVoStatSumDataLstHrDataType.12.1400.5 = STRING: mod-pt
avCmMeasIpVoStatSumDataLstHrPktSize.3.1400.1 = INTEGER: 10
avCmMeasIpVoStatSumDataLstHrPktSize.3.1400.2 = INTEGER: 10
:
:
avCmMeasIpVoStatSumDataLstHrPktSize.12.1400.5 = INTEGER: 10
avCmMeasIpVoStatSumDataLstHrLossPerc.3.1400.1 = STRING: 0
avCmMeasIpVoStatSumDataLstHrLossPerc.3.1400.2 = STRING: 0
:
:
avCmMeasIpVoStatSumDataLstHrLossPerc.12.1400.5 = STRING: 0
avCmMeasIpVoStatSumDataLstHrPeakJitter.3.1400.1 = INTEGER: 0
avCmMeasIpVoStatSumDataLstHrPeakJitter.3.1400.2 = INTEGER: 0
:
:
avCmMeasIpVoStatSumDataLstHrPeakJitter.12.1400.5 = INTEGER: 0
avCmMeasIpVoStatSumDataLstHrPeakDly.3.1400.1 = INTEGER: 1
avCmMeasIpVoStatSumDataLstHrPeakDly.3.1400.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumDataLstHrPeakDly.12.1400.5 = INTEGER: 1
avCmMeasIpVoStatSumDataLstHrEC.3.1400.1 = STRING: n
avCmMeasIpVoStatSumDataLstHrEC.3.1400.2 = STRING: n
:
:
avCmMeasIpVoStatSumDataLstHrEC.12.1400.5 = STRING: n
avCmMeasIpVoStatSumDataLstHrFEAddr.3.1400.1 = STRING: 135.9.78.247
avCmMeasIpVoStatSumDataLstHrFEAddr.3.1400.2 = STRING: 135.9.78.247
```

```
:
:
avCmMeasIpVoStatSumDataLstHrFEAddr.12.1400.5 = STRING: 135.9.78.205
```

# avCmMeasIpVoStatSumDataToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatSumDataYest | enterprises.6889.2.73.8.1.78 | Table |

### Description

The avCmMeasIpVoStatSumDataToday MIB group displays the data of the present day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSum DataToday | SAT | **list measurements ip voice-stats summary data yesterday** | IP VOICE STATISTICS SUMMARY DATA REPORT. |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumDataTodayTable<br> | .1 | n/a | SEQUENCE OF avCmMeasIpVoStatSumDataTodayEntry | n/a | An object containing the avCmMeasIpVoStatSumDataToday entries. |
| avCmMeasIpVoStatSumDataTodayEntry<br> | .1.1 | n/a | avCmMeasIpVoStatSumDataTodayEntry | n/a | An object containing the avCmMeasIpVoStatSumDataToday entry with the information that the switch sent.. |
| avCmMeasIpVoStatSumDataTodayRegIdx<br> | .1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| avCmMeasIpVoStatSumDataTodayHourIdx<br> | .1.1.2 | n/a | Integer32 (1..2300) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| avCmMeasIpVoStatSumDataTodayHourIdx<br> | .1.1.3 | n/a | Integer32 (1..9999) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| avCmMeasIpVoStatSumDataTodayRegion<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.4 | R | Integer32 (1..2000) | List Command: Region | An object containing the network region. |
| avCmMeasIpVoStatSumDataTodayMeasHour<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.5 | R | Integer32 (1..2300) | Measurement Hour | An object that containing the measurement hour. |
| avCmMeasIpVoStatSumDataTodayRunTime | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |
| avCmMeasIpVoStatSumDataTodayBoardLoc<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.7 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |
| avCmMeasIpVoStatSumDataTodayCallingNum<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number | An object containing the calling number. |
| avCmMeasIpVoStatSumDataTodayCalledNum<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatSumDataTodayDstReg<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.10 | R | SnmpAdminString (SIZE (0..9999)) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSumDataTodayCodec<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.11 | R | SnmpAdminString (SIZE (0..58)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSumDataTodayDataType<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.12 | R | SnmpAdminString (SIZE (0..7)) | Data Type | An object containing the type of the call: ttyrel (TTY Relay), mod-pt (Modem pass-through), fax-pt (FAX pass-through), tty-pt (TTY pass-through), t38fax (T.38 FAX), faxrel (FAX relay), modrel (Modem relay) |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumDataTodayPktSize<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.13 | R | SnmpAdminString (SIZE (0..999)) | Pkt Size | An object containing the packet size of each data stream in milliseconds. |
| avCmMeasIpVoStatSumDataLstLossPerc<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.14 | R | SnmpAdminString (SIZE (0..4)) | Loss % | An object containing the packet loss during a call. The packet loss is calculated at 10-second intervals. |
| avCmMeasIpVoStatSumDataTodayPeakJitter<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.15 | R | SnmpAdminString (SIZE (0..9999)) | Peak Jit | An object containing the peak jitter during a call in milliseconds. |
| avCmMeasIpVoStatSumDataTodayPeakDly<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..9999)) | Dly | An object containing the peak two-way packet delay during a call in milliseconds. |
| avCmMeasIpVoStatSumDataTodayEC<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..2)) | EC | An object containing the status of echo cancellation during a call. |
| avCmMeasIpVoStatSumDataTodayFEAddr<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..41)) | FE-Addr | An object containing the far-end IP address. |

## Sample output of forms

```
list measurements ip voice-stats summary data today                    Page   1

Switch Name:                                      Date: 3:38 pm  MON JUL 13, 2015
                  IP VOICE STATISTICS SUMMARY DATA REPORT
                                                          Packet      Peak
Src Meas  Board  Calling Number/  Dst          Data      Size    Loss  Jit  Dly EC
Reg Hour  Loc    Called#/FE IPAdr Reg Codec    Type      (ms)      %     (ms)
3   1400  01A05 4010               12  g711m   mod-pt    10        0     0    1     n
                4042           135.9.78.247
3   1400  01A05 4010               12  g711m   mod-pt    10        0     0    1     n
                4042           135.9.78.247
3   1400  01A05 4010               12  g711m   mod-pt    10        0     0    1     n
                4042           135.9.78.247
3   1400  01A05 4010               12  g711m   mod-pt    10        0     0    1     n
                4042           135.9.78.247
3   1400  01A05 4010               12  g711m   mod-pt    10        0     0    1     n
                4042           135.9.78.247
12  1400  07A03 4010                3  g711m   mod-pt    10        0     0    1     n
                4042           135.9.78.205
12  1400  07A03 4010                3  g711m   mod-pt    10        0     0    1     n
                4042           135.9.78.205

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 40 -v2c -Os -c public localhost -m /usr/share/snmp/mibss/AVAYA-AURA-
CM-MIB.txt avCmMeasIpVoStatSumDataToday
avCmMeasIpVoStatSumDataTodayRegion.3.1400.1 = INTEGER: 3
avCmMeasIpVoStatSumDataTodayRegion.3.1400.2 = INTEGER: 3
:
:
avCmMeasIpVoStatSumDataTodayRegion.12.1400.5 = INTEGER: 12
avCmMeasIpVoStatSumDataTodayMeasHour.3.1400.1 = INTEGER: 1400
avCmMeasIpVoStatSumDataTodayMeasHour.3.1400.2 = INTEGER: 1400
:
:
avCmMeasIpVoStatSumDataTodayMeasHour.12.1400.5 = INTEGER: 1400
avCmMeasIpVoStatSumDataTodayRunTime.3.1400.1 = STRING: 3:40 pm MON JUL 13, 2015
avCmMeasIpVoStatSumDataTodayRunTime.3.1400.2 = STRING: 3:40 pm MON JUL 13, 2015
:
:
avCmMeasIpVoStatSumDataTodayRunTime.12.1400.5 = STRING: 3:40 pm MON JUL 13, 2015
avCmMeasIpVoStatSumDataTodayBoardLoc.3.1400.1 = STRING: 01A05
410
avCmMeasIpVoStatSumDataTodayBoardLoc.3.1400.2 = STRING: 01A05
:
:
avCmMeasIpVoStatSumDataTodayBoardLoc.12.1400.5 = STRING: 07A03
avCmMeasIpVoStatSumDataTodayCallingNum.3.1400.1 = STRING: 4010
avCmMeasIpVoStatSumDataTodayCallingNum.3.1400.2 = STRING: 4010
:
:
avCmMeasIpVoStatSumDataTodayCallingNum.12.1400.5 = STRING: 4010
avCmMeasIpVoStatSumDataTodayCalledNum.3.1400.1 = STRING: 4042
avCmMeasIpVoStatSumDataTodayCalledNum.3.1400.2 = STRING: 4042
:
:
avCmMeasIpVoStatSumDataTodayCalledNum.12.1400.5 = STRING: 4042
avCmMeasIpVoStatSumDataTodayDstReg.3.1400.1 = INTEGER: 12
avCmMeasIpVoStatSumDataTodayDstReg.3.1400.2 = INTEGER: 12
:
```

```
:
avCmMeasIpVoStatSumDataTodayDstReg.12.1400.5 = INTEGER: 3
avCmMeasIpVoStatSumDataTodayCodec.3.1400.1 = STRING: g711m
avCmMeasIpVoStatSumDataTodayCodec.3.1400.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumDataTodayCodec.12.1400.5 = STRING: g711m
avCmMeasIpVoStatSumDataTodayDataType.3.1400.1 = STRING: mod-pt
avCmMeasIpVoStatSumDataTodayDataType.3.1400.2 = STRING: mod-pt
:
:
avCmMeasIpVoStatSumDataTodayDataType.12.1400.5 = STRING: mod-pt
avCmMeasIpVoStatSumDataTodayPktSize.3.1400.1 = INTEGER: 10
avCmMeasIpVoStatSumDataTodayPktSize.3.1400.2 = INTEGER: 10
:
:
avCmMeasIpVoStatSumDataTodayPktSize.12.1400.5 = INTEGER: 10
avCmMeasIpVoStatSumDataTodayLossPerc.3.1400.1 = STRING: 0
avCmMeasIpVoStatSumDataTodayLossPerc.3.1400.2 = STRING: 0
:
:
avCmMeasIpVoStatSumDataTodayLossPerc.12.1400.5 = STRING: 0
avCmMeasIpVoStatSumDataTodayPeakJitter.3.1400.1 = INTEGER: 0
avCmMeasIpVoStatSumDataTodayPeakJitter.3.1400.2 = INTEGER: 0
:
:
avCmMeasIpVoStatSumDataTodayPeakJitter.12.1400.5 = INTEGER: 0
avCmMeasIpVoStatSumDataTodayPeakDly.3.1400.1 = INTEGER: 1
avCmMeasIpVoStatSumDataTodayPeakDly.3.1400.2 = INTEGER: 1
:
:
avCmMeasIpVoStatSumDataTodayPeakDly.12.1400.5 = INTEGER: 1
avCmMeasIpVoStatSumDataTodayEC.3.1400.1 = STRING: n
avCmMeasIpVoStatSumDataTodayEC.3.1400.2 = STRING: n
:
411
:
avCmMeasIpVoStatSumDataTodayEC.12.1400.5 = STRING: n
avCmMeasIpVoStatSumDataTodayFEAddr.3.1400.1 = STRING: 135.9.78.247
avCmMeasIpVoStatSumDataTodayFEAddr.3.1400.2 = STRING: 135.9.78.247
:
:
avCmMeasIpVoStatSumDataTodayFEAddr.12.1400.5 = STRING: 135.9.78.205
```

# avCmMeasIpVoStatSumDataYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasIVoStatSumDataYest | enterprises.6889.2.73.8.1.79 | Table |

## Description

The avCmMeasIpVoStatSumDataYest MIB group displays the data of the previous day for each network region administered on the NETWORK REGION MEASUREMENT SELECTION form.

## Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasIpVoStatSumDataYest | SAT | `list measurements ip voice-stats summary data yesterday` | IP VOICE STATISTICS SUMMARY DATA REPORT |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed. The default super user can run this command.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmMeasIpVoStatSumDataYestTable | .1 | n/a | SEQUENCE OF AvCmMeasIpVoStatSumDataYestEntry | n/a | An object containing the avCmMeasIpVoStatSumDataYest entries. |
| | | | | | |
| avCmMeasIpVoStatSumDataYestEntry | .1.1 | n/a | AvCmMeasIpVoStatSumDataYestEntry | n/a | An object containing the avCmMeasIpVoStatSumDataYest entry |
| | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | with the information that the switch sent.. |
| avCmMeasIpVoStatSumDataYestRegIdx | .1.1.1 | n/a | Integer32 (1..2000) | n/a | An index in the network region. |
| | | | | | |
| avCmMeasIpVoStatSumDataYestHourIdx | .1.1.2 | n/a | Integer32 (1..2300) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| | | | | | |
| avCmMeasIpVoStatSumDataYestHourIdx | .1.1.3 | n/a | Integer32 (1..9999) | n/a | An index containing the measurements of the packet loss voice statistics in the 24-hour format. |
| | | | | | |
| avCmMeasIpVoStatSumDataYestRegion | .1.1.4 | R | Integer32 (1..2000) | List Command: Region | An object containing the network region. |
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |
| avCmMeasIpVoStatSumDataYestMeasHour | .1.1.5 | R | Integer32 (1..2300) | Measurement Hour | An object that containing the measurement hour. |
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |
| avCmMeasIpVoStatSumDataYestRunTime | .1.1.6 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date |
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |
| avCmMeasIpVoStatSumDataYestBoardLoc | .1.1.7 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the board location. |
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |
| avCmMeasIpVoStatSumDataYestCallingNum | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Calling Number\ | An object containing the calling number. |
| IP VOICE STATISTICS SUMMARY DATA REPORT | | | | | |

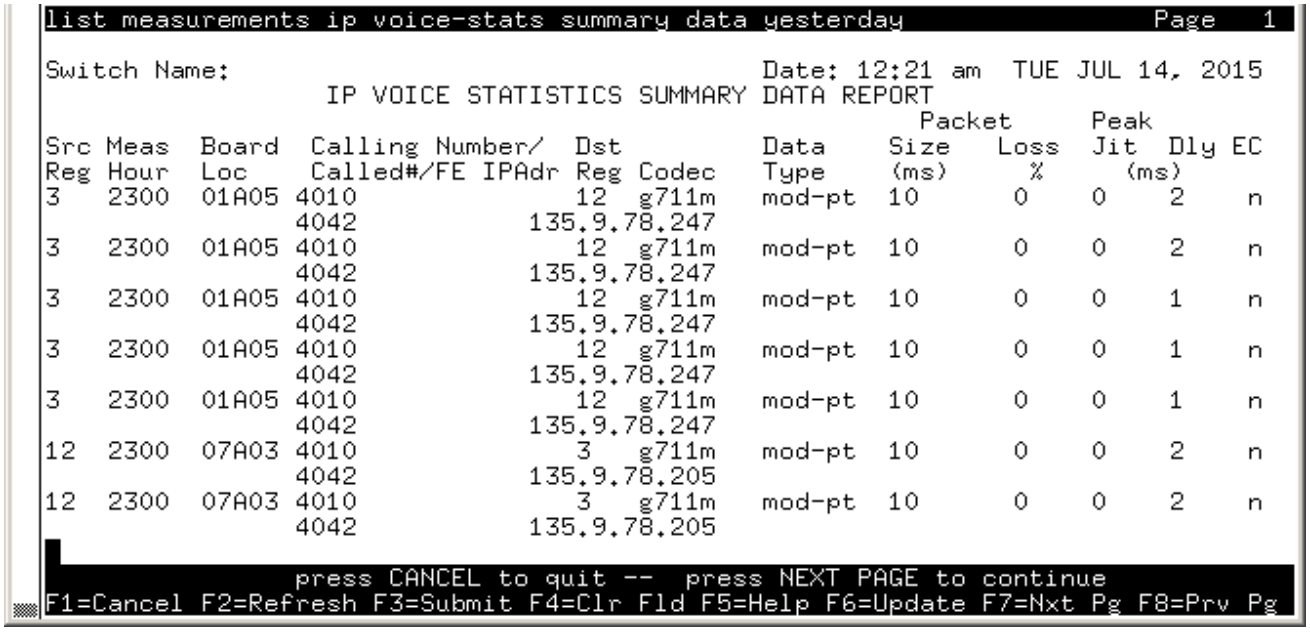
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumDataYestCalledNum<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.9 | R | SnmpAdminString (SIZE (0..17)) | Called Number | An object containing the called number. |
| avCmMeasIpVoStatSumDataYestDstReg<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.10 | R | SnmpAdminString (SIZE (0..9999)) | Dst Reg | An object containing the destination region. |
| avCmMeasIpVoStatSumDataYestCodec<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.11 | R | SnmpAdminString (SIZE (0..58)) | Codec | An object containing the codec used for the call. |
| avCmMeasIpVoStatSumDataYestDataType<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.12 | R | SnmpAdminString (SIZE (0..7)) | Data Type | An object containing the type of the call: ttyrel (TTY Relay), mod-pt (Modem pass-through), fax-pt (FAX pass-through), tty-pt (TTY pass-through), t38fax (T.38 FAX), faxrel (FAX relay), modrel (Modem relay) |
| avCmMeasIpVoStatSumDataYestPktSize<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.13 | R | SnmpAdminString (SIZE (0..999)) | Pkt Size | An object containing the packet size of each data stream in milliseconds. |
| avCmMeasIpVoStatSumDataLstLossPerc<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.14 | R | SnmpAdminString (SIZE (0..4)) | Loss % | An object containing the packet loss during a call. The packet loss is calculated at 10-second intervals. |
| avCmMeasIpVoStatSumDataYestPeakJitter<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.15 | R | SnmpAdminString (SIZE (0..9999)) | Peak Jit | An object containing the peak jitter during a call in milliseconds. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasIpVoStatSumDataYestPeakDly<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.16 | R | SnmpAdminString (SIZE (0..9999)) | Dly | An object containing the peak two-way packet delay during a call in milliseconds. |
| avCmMeasIpVoStatSumDataYestEC<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.17 | R | SnmpAdminString (SIZE (0..2)) | EC | An object containing the status of echo cancellation during a call. |
| avCmMeasIpVoStatSumDataYestFEAddr<br>IP VOICE STATISTICS SUMMARY DATA REPORT | .1.1.18 | R | SnmpAdminString (SIZE (0..41)) | FE-Addr | An object containing the far-end IP address. |

## Sample output of forms



```
list measurements ip voice-stats summary data yesterday                Page   1

Switch Name:                                      Date: 12:21 am  TUE JUL 14, 2015
                  IP VOICE STATISTICS SUMMARY DATA REPORT
                                                                Packet      Peak
Src Meas  Board  Calling Number/  Dst            Data     Size    Loss  Jit   Dly EC
Reg Hour  Loc    Called#/FE IPAdr Reg Codec      Type     (ms)      %     (ms)
3   2300  01A05 4010              12  g711m     mod-pt   10        0     0     2    n
                4042          135.9.78.247
3   2300  01A05 4010              12  g711m     mod-pt   10        0     0     2    n
                4042          135.9.78.247
3   2300  01A05 4010              12  g711m     mod-pt   10        0     0     1    n
                4042          135.9.78.247
3   2300  01A05 4010              12  g711m     mod-pt   10        0     0     1    n
                4042          135.9.78.247
3   2300  01A05 4010              12  g711m     mod-pt   10        0     0     1    n
                4042          135.9.78.247
12  2300  07A03 4010              3   g711m     mod-pt   10        0     0     2    n
                4042          135.9.78.205
12  2300  07A03 4010              3   g711m     mod-pt   10        0     0     2    n
                4042          135.9.78.205

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 40 -v2c -Os -c public localhost -m /usr/share/snmp/mibss/AVAYA-AURA-
CM-MIB.txt avCmMeasIpVoStatSumDataYest
avCmMeasIpVoStatSumDataYestRegion.3.2300.1 = INTEGER: 3
avCmMeasIpVoStatSumDataYestRegion.3.2300.2 = INTEGER: 3
:
avCmMeasIpVoStatSumDataYestRegion.12.2300.5 = INTEGER: 12
avCmMeasIpVoStatSumDataYestMeasHour.3.2300.1 = INTEGER: 2300
avCmMeasIpVoStatSumDataYestMeasHour.3.2300.2 = INTEGER: 2300
:
```

```
:
avCmMeasIpVoStatSumDataYestMeasHour.12.2300.5 = INTEGER: 2300
avCmMeasIpVoStatSumDataYestRunTime.3.2300.1 = STRING: 12:19 am TUE JUL 14, 2015
avCmMeasIpVoStatSumDataYestRunTime.3.2300.2 = STRING: 12:19 am TUE JUL 14, 2015
:
:
avCmMeasIpVoStatSumDataYestRunTime.12.2300.5 = STRING: 12:19 am TUE JUL 14, 2015
avCmMeasIpVoStatSumDataYestBoardLoc.3.2300.1 = STRING: 01A05
avCmMeasIpVoStatSumDataYestBoardLoc.3.2300.2 = STRING: 01A05
:
:
avCmMeasIpVoStatSumDataYestBoardLoc.12.2300.5 = STRING: 07A03
avCmMeasIpVoStatSumDataYestCallingNum.3.2300.1 = STRING: 4010
avCmMeasIpVoStatSumDataYestCallingNum.3.2300.2 = STRING: 4010
:
:
avCmMeasIpVoStatSumDataYestCallingNum.12.2300.5 = STRING: 4010
avCmMeasIpVoStatSumDataYestCalledNum.3.2300.1 = STRING: 4042
avCmMeasIpVoStatSumDataYestCalledNum.3.2300.2 = STRING: 4042
:
:
avCmMeasIpVoStatSumDataYestCalledNum.12.2300.5 = STRING: 4042
avCmMeasIpVoStatSumDataYestDstReg.3.2300.1 = INTEGER: 12
avCmMeasIpVoStatSumDataYestDstReg.3.2300.2 = INTEGER: 12
:
:
avCmMeasIpVoStatSumDataYestDstReg.12.2300.5 = INTEGER: 3
avCmMeasIpVoStatSumDataYestCodec.3.2300.1 = STRING: g711m
avCmMeasIpVoStatSumDataYestCodec.3.2300.2 = STRING: g711m
:
:
avCmMeasIpVoStatSumDataYestCodec.12.2300.5 = STRING: g711m
avCmMeasIpVoStatSumDataYestDataType.3.2300.1 = STRING: mod-pt
avCmMeasIpVoStatSumDataYestDataType.3.2300.2 = STRING: mod-pt
:
:
avCmMeasIpVoStatSumDataYestDataType.12.2300.5 = STRING: mod-pt
avCmMeasIpVoStatSumDataYestPktSize.3.2300.1 = INTEGER: 10
avCmMeasIpVoStatSumDataYestPktSize.3.2300.2 = INTEGER: 10
:
:
avCmMeasIpVoStatSumDataYestPktSize.12.2300.5 = INTEGER: 10
avCmMeasIpVoStatSumDataYestLossPerc.3.2300.1 = STRING: 0
avCmMeasIpVoStatSumDataYestLossPerc.3.2300.2 = STRING: 0
:
:
avCmMeasIpVoStatSumDataYestLossPerc.12.2300.5 = STRING: 0
avCmMeasIpVoStatSumDataYestPeakJitter.3.2300.1 = INTEGER: 0
avCmMeasIpVoStatSumDataYestPeakJitter.3.2300.2 = INTEGER: 0
:
:
avCmMeasIpVoStatSumDataYestPeakJitter.12.2300.5 = INTEGER: 0
avCmMeasIpVoStatSumDataYestPeakDly.3.2300.1 = INTEGER: 2
avCmMeasIpVoStatSumDataYestPeakDly.3.2300.2 = INTEGER: 2
:
:
avCmMeasIpVoStatSumDataYestPeakDly.12.2300.5 = INTEGER: 1
avCmMeasIpVoStatSumDataYestEC.3.2300.1 = STRING: n
avCmMeasIpVoStatSumDataYestEC.3.2300.2 = STRING: n
:
:
avCmMeasIpVoStatSumDataYestEC.12.2300.5 = STRING: n
avCmMeasIpVoStatSumDataYestFEAddr.3.2300.1 = STRING: 135.9.78.247
avCmMeasIpVoStatSumDataYestFEAddr.3.2300.2 = STRING: 135.9.78.247
:
```

```
:
avCmMeasIpVoStatSumDataYestFEAddr.12.2300.5 = STRING: 135.9.78.205
```

# avCmMeasAnnAllLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasAnnAllLstHr | enterprises.6889.2.73.8.1.80 | Table |

### Description

The avCmMeasAnnAllLstHr MIB group displays all announcements in the previous hour.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour. The date is updated only at the beginning of each hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasAnnAllLstHr | SAT | **`list measurements announcement all last-hour`** | VOICE ANNOUNCEMENTS MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*, 03-300509. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasAnnAllLstHrTable<br> | .1 | n/a | SEQUENCE OF avCmMeasAnnAllLstHrEntry | n/a | An object containing the avCmMeasAnnAllLstHr entries. |
| avCmMeasAnnAllLstHrEntry<br> | .1.1 | n/a | avCmMeasAnnAllLstHrEntry | n/a | An object containing the avCmMeasAnnAllLstHrentry with the information that the switch sent. |
| avCmMeasAnnAllLstHrIdx<br> | .1.1.1 | n/a | Integer32 (0..17)) | n/a | An object that uniquely identifies all data increments. |
| avCmMeasAnnAllLstHrExtension<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.2 | n/a | Integer32 (0..17)) | Extension | An index containing the announcement extension. |
| avCmMeasAnnAllLstHrRunDate<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.3 | R | Integer32(0..28)) | Date | An object containing the date when the command was executed. |
| avCmMeasAnnAllLstHrName<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.4 | R | Integer32(0..25)) | Name | An object containing the announcement name. |
| avCmMeasAnnAllLstHrMeasHou<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.5 | R | Integer32(0..9999)) | Measurement Hour | An object that containing the measurement hour. |
| avCmMeasAnnAllLstHrPlayRequests<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.6 | R | Integer32(0..9999)) | Play Reqts | An object containing the number of play requests for the announcement. |
| avCmMeasAnnAllLstHrCallsQueued | .1.1.7 | R | Integer32 (0..9999)) | Calls Que | An object containing the number of calls |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| VOICE ANNOUNCEMENTS MEASUREMENTS | | | | | in queue to be assigned a port. |
| avCmMeasAnnAllLstHr ASP<br>VOICE ANNOUNCEMENTS MEASUREMENTS | . 1.1.8 | R | Integer32 (0..9999)) | ASP | An object containing the average time calls waited for the announcement to be played in seconds. Calls abandoned in the queue are not included. |
| avCmMeasAnnAllLstHr PSP<br>VOICE ANNOUNCEMENTS MEASUREMENTS | . 1.1.9 | R | Integer32 (0..9999)) | PSP | An object containing the peak speed to play an announcement. |
| avCmMeasAnnAllLstHr QueueDrops<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.10 | R | Integer32 (0..9999)) | Queue Drops | An object containing the number of calls in the queue that were disconnected. Calls abandoned by the caller and aborted by VOA (VDN of origin Announcements) are included. Calls in the queue answered by an agent are not included. |
| avCmMeasAnnAllLstHr MportPlays<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.11 | R | Integer32 (0..9999)) | Mport Plays | An object containing the number of times an announcement is played simultaneously by multiple ports. |
| avCmMeasAnnAllLstHr MxPorts<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.12 | R | Integer32(0..99)) | Mx Pt | An object containing the peak numbers of ports used for announcements in a specific period. |
| avCmMeasAnnAllLstHr MaxCallers | 1.1.13 | R | Integer32 (0..999)) | Max Cls | An object containing the peak number callers |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| VOICE ANNOUNCEMENTS MEASUREMENTS | | | | | simultaneously connected to a port for an announcement. |

## Sample output of forms

```
list measurements announcement all last-hour                          Page   1

Switch Name:                                    Date: 2:58 pm  FRI MAY 29, 2015

                    VOICE ANNOUNCEMENT MEASUREMENTS

                                      Meas Play  Calls                Queue Mport Mx Max
Ext      Name (first 24 chars)        Hour Reqts Que   ASP  PSP     Drops Plays Pt Cls

88040    ann88040                     1300 0     0     0    0       0     0     0  0
88041    ann88041                     1300 0     0     0    0       0     0     0  0
88010    ann88010                     1300 0     0     0    0       0     0     0  0
88011    ann88011                     1300 0     0     0    0       0     0     0  0
88012    ann88012                     1300 0     0     0    0       0     0     0  0
88013    ann88013                     1300 0     0     0    0       0     0     0  0
88014    ann88014                     1300 0     0     0    0       0     0     0  0
88015    ann88015                     1300 0     0     0    0       0     0     0  0
88016    ann88016                     1300 0     0     0    0       0     0     0  0
88017    ann88017                     1300 0     0     0    0       0     0     0  0
88018    ann88018                     1300 0     0     0    0       0     0     0  0
88019    ann88019                     1300 0     0     0    0       0     0     0  0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnAllLstHr
avCmMeasAnnAllLstHrExtension."88010" = STRING: 88010
avCmMeasAnnAllLstHrExtension."88011" = STRING: 88011
:
:
avCmMeasAnnAllLstHrExtension."88041" = STRING: 88041
avCmMeasAnnAllLstHrRunDate."88010" = STRING: 3:00 pm FRI MAY 29, 2015
avCmMeasAnnAllLstHrRunDate."88011" = STRING: 3:00 pm FRI MAY 29, 2015
:
:
avCmMeasAnnAllLstHrRunDate."88041" = STRING: 3:00 pm FRI MAY 29, 2015
avCmMeasAnnAllLstHrName."88010" = STRING: ann88010
avCmMeasAnnAllLstHrName."88011" = STRING: ann88011
:
:
avCmMeasAnnAllLstHrName."88041" = STRING: ann88041
avCmMeasAnnAllLstHrMeasHour."88010" = INTEGER: 1400
avCmMeasAnnAllLstHrMeasHour."88011" = INTEGER: 1400
:
:
avCmMeasAnnAllLstHrMeasHour."88041" = INTEGER: 1400
avCmMeasAnnAllLstHrPlayRequests."88010" = INTEGER: 0
avCmMeasAnnAllLstHrPlayRequests."88011" = INTEGER: 0
:
:
```

```
avCmMeasAnnAllLstHrPlayRequests."88041" = INTEGER: 0
avCmMeasAnnAllLstHrCallsQueued."88010" = INTEGER: 0
avCmMeasAnnAllLstHrCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrCallsQueued."88041" = INTEGER: 0
avCmMeasAnnAllLstHrASP."88010" = INTEGER: 0
avCmMeasAnnAllLstHrASP."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrASP."88041" = INTEGER: 0
avCmMeasAnnAllLstHrPSP."88010" = INTEGER: 0
avCmMeasAnnAllLstHrPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrPSP."88041" = INTEGER: 0
avCmMeasAnnAllLstHrQueueDrops."88010" = INTEGER: 0
avCmMeasAnnAllLstHrQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrQueueDrops."88041" = INTEGER: 0
avCmMeasAnnAllLstHrMportPlays."88010" = INTEGER: 0
avCmMeasAnnAllLstHrMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrMportPlays."88041" = INTEGER: 0
avCmMeasAnnAllLstHrMxPorts."88010" = INTEGER: 0
avCmMeasAnnAllLstHrMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrMxPorts."88041" = INTEGER: 0
avCmMeasAnnAllLstHrMaxCallers."88010" = INTEGER: 0
avCmMeasAnnAllLstHrMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnAllLstHrMaxCallers."88041" = INTEGER: 0
```

# avCmMeasAnnAllToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasAnnAllToday | enterprises.6889.2.73.8.1.81 | Table |

### Description

The avCmMeasAnnAllToday MIB group displays all announcements in the present day.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

Fault

### Polling Interval

No more than once an hour. The date is updated only at the beginning of each hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasAnnAllToday | SAT | `list measurements announcement all yesterday-peak` | VOICE ANNOUNCEMENTS MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasAnnAllToday Table | .1 | n/a | SEQUENCE OF avCmMeasAnnAllTodayEntry | n/a | An object containing the avCmMeasAnnAllToday entries. |
| avCmMeasAnnAllToday Entry | .1.1 | n/a | avCmMeasAnnAllTodayEntry | n/a | An object containing the avCmMeasAnnAllTodayentry with the information that the switch sent. |
| avCmMeasAnnAllToday Idx | .1.1.1 | n/a | Integer32 (0..17)) | n/a | An object that uniquely identifies all data increments. |

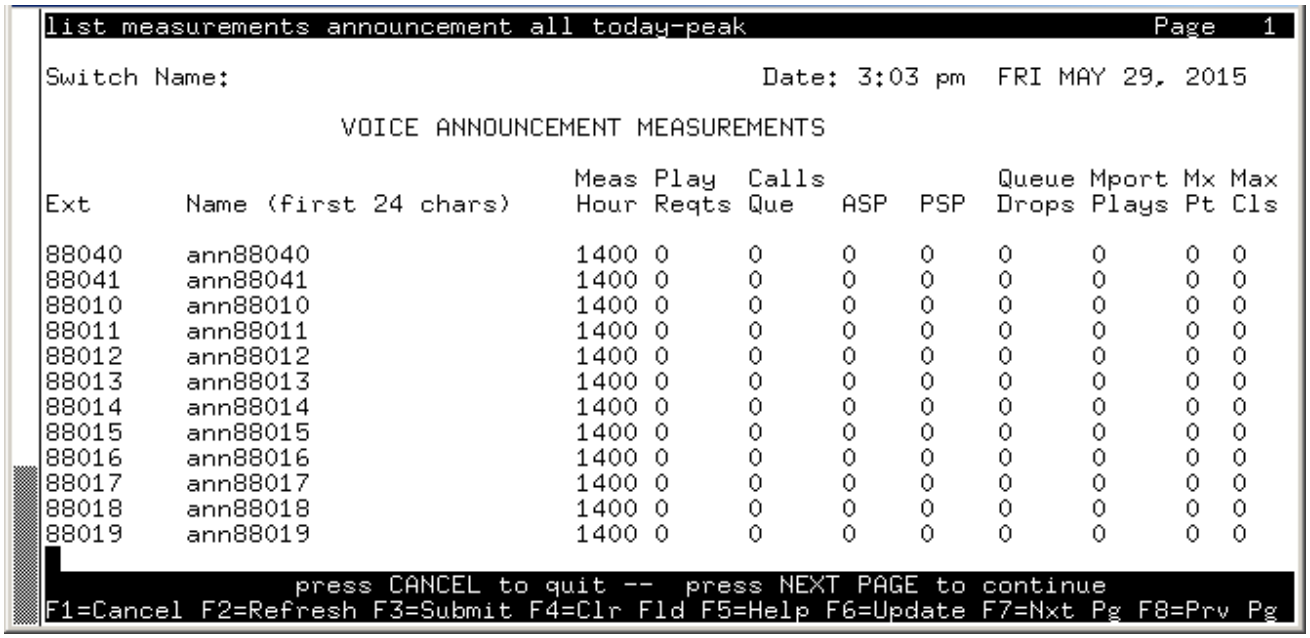
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasAnnAllTodayExtension<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.2 | n/a | Integer32 (0..17)) | Extension | An index containing the announcement extension. |
| avCmMeasAnnAllTodayRunDate<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.3 | R | Integer32(0..28)) | Date | An object containing the date when the command was executed. |
| avCmMeasAnnAllTodayName<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.4 | R | Integer32(0..25)) | Name | An object containing the announcement name. |
| avCmMeasAnnAllTodayMeasHou<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.5 | R | Integer32(0..9999)) | Measurement Hour | An object that containing the measurement hour. |
| avCmMeasAnnAllTodayPlayRequests<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.6 | R | Integer32(0..9999)) | Play Reqts | An object containing the number of play requests for the announcement. |
| avCmMeasAnnAllTodayCallsQueued<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.7 | R | Integer32 (0..9999)) | Calls Que | An object containing the number of calls in queue to be assigned a port. |
| avCmMeasAnnAllTodayASP<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.8 | R | Integer32 (0..9999)) | ASP | An object containing the average time calls waited for the announcement to be played in seconds. Calls abandoned in the queue are not included. |
| avCmMeasAnnAllTodayPSP | .1.1.9 | R | Integer32 (0..9999)) | PSP | An object containing the peak speed to play an announcement. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| VOICE ANNOUNCEMENTS MEASUREMENTS | | | | | |
| avCmMeasAnnAllTodayQueueDrops<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.10 | R | Integer32 (0..9999)) | Queue Drops | An object containing the number of calls in the queue that were disconnected. Calls abandoned by the caller and aborted by VOA (VDN of origin Announcements) are included. Calls in the queue answered by an agent are not included. |
| avCmMeasAnnAllTodayMportPlays<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.11 | R | Integer32 (0..9999)) | Mport Plays | An object containing the number of times an announcement is played simultaneously by multiple ports. |
| avCmMeasAnnAllTodayMxPorts<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.12 | R | Integer32(0..99)) | Mx Pt | An object containing the peak numbers of ports used for announcements in a specific period. |
| avCmMeasAnnAllTodayMaxCallers<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.13 | R | Integer32 (0..999)) | Max Cls | An object containing the peak number callers simultaneously connected to a port for an announcement. |

## Sample output of forms



```
list measurements announcement all today-peak                          Page   1

Switch Name:                                      Date: 3:03 pm  FRI MAY 29, 2015

                    VOICE ANNOUNCEMENT MEASUREMENTS

                                    Meas Play  Calls                 Queue Mport Mx Max
Ext      Name (first 24 chars)      Hour Reqts Que   ASP  PSP      Drops Plays Pt Cls

88040    ann88040                   1400 0     0     0    0        0     0     0  0
88041    ann88041                   1400 0     0     0    0        0     0     0  0
88010    ann88010                   1400 0     0     0    0        0     0     0  0
88011    ann88011                   1400 0     0     0    0        0     0     0  0
88012    ann88012                   1400 0     0     0    0        0     0     0  0
88013    ann88013                   1400 0     0     0    0        0     0     0  0
88014    ann88014                   1400 0     0     0    0        0     0     0  0
88015    ann88015                   1400 0     0     0    0        0     0     0  0
88016    ann88016                   1400 0     0     0    0        0     0     0  0
88017    ann88017                   1400 0     0     0    0        0     0     0  0
88018    ann88018                   1400 0     0     0    0        0     0     0  0
88019    ann88019                   1400 0     0     0    0        0     0     0  0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnAllToday
avCmMeasAnnAllTodayExtension."88010" = STRING: 88010
avCmMeasAnnAllTodayExtension."88011" = STRING: 88011
:
:
avCmMeasAnnAllTodayExtension."88041" = STRING: 88041
avCmMeasAnnAllTodayRunDate."88010" = STRING: 3:00 pm FRI MAY 29, 2015
avCmMeasAnnAllTodayRunDate."88011" = STRING: 3:00 pm FRI MAY 29, 2015
:
:
avCmMeasAnnAllTodayRunDate."88041" = STRING: 3:00 pm FRI MAY 29, 2015
avCmMeasAnnAllTodayName."88010" = STRING: ann88010
avCmMeasAnnAllTodayName."88011" = STRING: ann88011
:
:
avCmMeasAnnAllTodayName."88041" = STRING: ann88041
avCmMeasAnnAllTodayMeasHour."88010" = INTEGER: 1400
avCmMeasAnnAllTodayMeasHour."88011" = INTEGER: 1400
:
:
avCmMeasAnnAllTodayMeasHour."88041" = INTEGER: 1400
avCmMeasAnnAllTodayPlayRequests."88010" = INTEGER: 0
avCmMeasAnnAllTodayPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayPlayRequests."88041" = INTEGER: 0
avCmMeasAnnAllTodayCallsQueued."88010" = INTEGER: 0
avCmMeasAnnAllTodayCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayCallsQueued."88041" = INTEGER: 0
avCmMeasAnnAllTodayASP."88010" = INTEGER: 0
avCmMeasAnnAllTodayASP."88011" = INTEGER: 0
:
```

```
:
avCmMeasAnnAllTodayASP."88041" = INTEGER: 0
avCmMeasAnnAllTodayPSP."88010" = INTEGER: 0
avCmMeasAnnAllTodayPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayPSP."88041" = INTEGER: 0
avCmMeasAnnAllTodayQueueDrops."88010" = INTEGER: 0
avCmMeasAnnAllTodayQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayQueueDrops."88041" = INTEGER: 0
avCmMeasAnnAllTodayMportPlays."88010" = INTEGER: 0
avCmMeasAnnAllTodayMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayMportPlays."88041" = INTEGER: 0
avCmMeasAnnAllTodayMxPorts."88010" = INTEGER: 0
avCmMeasAnnAllTodayMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayMxPorts."88041" = INTEGER: 0
avCmMeasAnnAllTodayMaxCallers."88010" = INTEGER: 0
avCmMeasAnnAllTodayMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnAllTodayMaxCallers."88041" = INTEGER: 0
```

# avCmMeasAnnAllYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasAnnAllYest | enterprises.6889.2.73.8.1.82 | Table |

### Description

The avCmMeasAnnAllYest MIB group displays all announcements in the previous day.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

Fault

### Polling Interval

No more than once an hour. The date is updated only at the beginning of each day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasAnnAllYest | SAT | `list measurements announcement all yesterday-peak` | VOICE ANNOUNCEMENTS MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmMeasAnnAllYestTable | .1 | n/a | SEQUENCE OF AvCmMeasAnnAllYestEntry | n/a | An object containing the avCmMeasAnnAllYest entries. |
| | | | | | |
| avCmMeasAnnAllYestEntry | .1.1 | n/a | AvCmMeasAnnAllYestEntry | n/a | An object containing the avCmMeasAnnAllYest entry with the information that the switch sent. |
| | | | | | |
| avCmMeasAnnAllYestIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..17)) | n/a | An object that uniquely identifies all data increments. |
| | | | | | |
| avCmMeasAnnAllYestExtension | .1.1.2 | n/a | SnmpAdminString (SIZE (0..17)) | Extension | An index containing the announcement extension. |
| VOICE ANNOUNCEMENTS MEASUREMENTS | | | | | |
| avCmMeasAnnAllYestRunDate | .1.1.3 | R | SnmpAdminString (SIZE (0..28)) | Date | An object containing the date when the command was executed. |

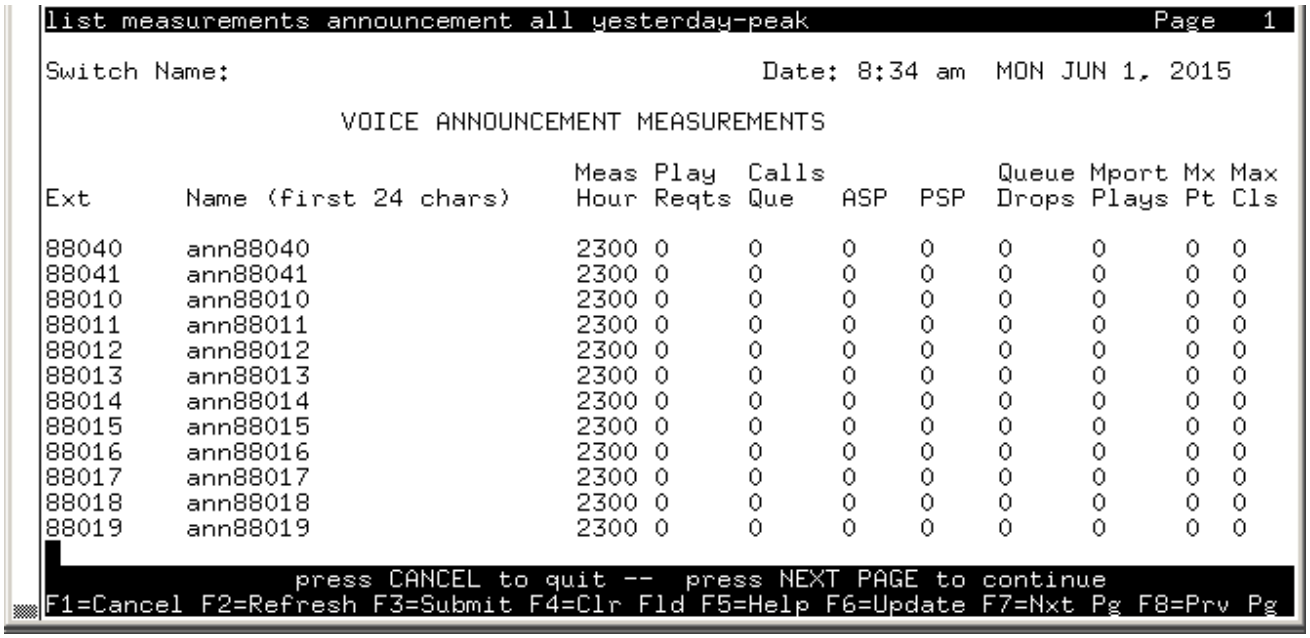
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| VOICE ANNOUNCEMENTS MEASUREMENTS | | | | | |
| avCmMeasAnnAllYestName<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.4 | R | SnmpAdminString (SIZE (0..25)) | Name | An object containing the announcement name. |
| avCmMeasAnnAllYestMeasHou<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.5 | R | Integer32 (0..9999)) | Measurement Hour | An object that containing the measurement hour. |
| avCmMeasAnnAllYestPlayRequests<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.6 | R | Integer32 (0..9999)) | Play Reqts | An object containing the number of play requests for the announcement. |
| avCmMeasAnnAllYestCallsQueued<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.7 | R | Integer32 (0..9999)) | Calls Que | An object containing the number of calls in queue to be assigned a port. |
| avCmMeasAnnAllYestASP<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.8 | R | Integer32 (0..9999)) | ASP | An object containing the average time calls waited for the announcement to be played in seconds. Calls abandoned in the queue are not included. |
| AvCmMeasAnnAllYestPSP<br>VOICE ANNOUNCEMENTS MEASUREMENTS | .1.1.9 | R | Integer32 (0..9999)) | PSP | An object containing the peak speed to play an announcement. |
| avCmMeasAnnAllYestQueueDrops<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.10 | R | Integer32 (0..9999)) | Queue Drops | An object containing the number of calls in the queue that were disconnected. Calls abandoned by the caller and |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | aborted by VOA (VDN of origin Announcements) are included. Calls in the queue answered by an agent are not included. |
| avCmMeasAnnAllYest MportPlays<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.11 | R | Integer32 (0..9999)) | Mport Plays | An object containing the number of times an announcement is played simultaneously by multiple ports. |
| avCmMeasAnnAllYest MxPorts<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.12 | R | Integer32 (0..99)) | Mx Pt | An object containing the peak numbers of ports used for announcements in a specific period. |
| avCmMeasAnnAllYest MaxCallers<br>VOICE ANNOUNCEMENTS MEASUREMENTS | 1.1.13 | R | Integer32 (0..999)) | Max Cls | An object containing the peak number callers simultaneously connected to a port for an announcement. |

## Sample output of forms



```
list measurements announcement all yesterday-peak                    Page   1

Switch Name:                                    Date: 8:34 am  MON JUN 1, 2015

                    VOICE ANNOUNCEMENT MEASUREMENTS

                                    Meas Play  Calls                Queue Mport Mx Max
Ext      Name (first 24 chars)      Hour Reqts Que   ASP  PSP     Drops Plays Pt Cls

88040    ann88040                   2300 0     0     0    0       0     0     0  0
88041    ann88041                   2300 0     0     0    0       0     0     0  0
88010    ann88010                   2300 0     0     0    0       0     0     0  0
88011    ann88011                   2300 0     0     0    0       0     0     0  0
88012    ann88012                   2300 0     0     0    0       0     0     0  0
88013    ann88013                   2300 0     0     0    0       0     0     0  0
88014    ann88014                   2300 0     0     0    0       0     0     0  0
88015    ann88015                   2300 0     0     0    0       0     0     0  0
88016    ann88016                   2300 0     0     0    0       0     0     0  0
88017    ann88017                   2300 0     0     0    0       0     0     0  0
88018    ann88018                   2300 0     0     0    0       0     0     0  0
88019    ann88019                   2300 0     0     0    0       0     0     0  0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//AVAYA-
AURA-CM-MIB.txt avCmMeasAnnAllYest
avCmMeasAnnAllYestExtension."88010" = STRING: 88010
avCmMeasAnnAllYestExtension."88011" = STRING: 88011
:
:
avCmMeasAnnAllYestExtension."88041" = STRING: 88041
avCmMeasAnnAllYestRunDate."88010" = STRING: 8:36 am MON JUN 1, 2015
avCmMeasAnnAllYestRunDate."88011" = STRING: 8:36 am MON JUN 1, 2015
:
:
avCmMeasAnnAllYestRunDate."88041" = STRING: 8:36 am MON JUN 1, 2015
avCmMeasAnnAllYestName."88010" = STRING: ann88010
avCmMeasAnnAllYestName."88011" = STRING: ann88011
:
:
avCmMeasAnnAllYestName."88041" = STRING: ann88041
avCmMeasAnnAllYestMeasHour."88010" = INTEGER: 2300
avCmMeasAnnAllYestMeasHour."88011" = INTEGER: 2300
:
:
avCmMeasAnnAllYestMeasHour."88041" = INTEGER: 2300
avCmMeasAnnAllYestPlayRequests."88010" = INTEGER: 0
avCmMeasAnnAllYestPlayRequests."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestPlayRequests."88041" = INTEGER: 0
avCmMeasAnnAllYestCallsQueued."88010" = INTEGER: 0
avCmMeasAnnAllYestCallsQueued."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestCallsQueued."88041" = INTEGER: 0
avCmMeasAnnAllYestASP."88010" = INTEGER: 0
avCmMeasAnnAllYestASP."88011" = INTEGER: 0
:
```

```
:
avCmMeasAnnAllYestASP."88041" = INTEGER: 0
avCmMeasAnnAllYestPSP."88010" = INTEGER: 0
avCmMeasAnnAllYestPSP."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestPSP."88041" = INTEGER: 0
avCmMeasAnnAllYestQueueDrops."88010" = INTEGER: 0
avCmMeasAnnAllYestQueueDrops."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestQueueDrops."88041" = INTEGER: 0
avCmMeasAnnAllYestMportPlays."88010" = INTEGER: 0
avCmMeasAnnAllYestMportPlays."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestMportPlays."88041" = INTEGER: 0
avCmMeasAnnAllYestMxPorts."88010" = INTEGER: 0
avCmMeasAnnAllYestMxPorts."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestMxPorts."88041" = INTEGER: 0
avCmMeasAnnAllYestMaxCallers."88010" = INTEGER: 0
avCmMeasAnnAllYestMaxCallers."88011" = INTEGER: 0
:
:
avCmMeasAnnAllYestMaxCallers."88041" = INTEGER: 0
```

# avCmPlatCmds

| MIB group name | OID | Type |
|---|---|---|
| avCmPlatCmds | enterprises.6889.2.73.8.1.83 | Table |

### Description

The avCmPlatCmds MIB group displays the bash command history.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmPlatCmds | Bash | `logc cmds` | Command History |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmPlatCmdsTable | .1 | n/a | SEQUENCE OF AvCmPlatCmdsEntry | n/a | An object containing the avCmPlatCmds entries. |
| avCmPlatCmdsEntry | .1.1 | n/a | AvCmPlatCmdsEntry | n/a | An object containing the avCmPlatCmds entry with the information that the switch sent. |
| avCmPlatCmdsSeqIdx | .1.1.1 | R | SnmpAdminString (SIZE (0..201)) | n/a | An object that uniquely identifies all data increments. |
| avCmPlatCmdsDate<br>Command History | .1.1.2 | R | SnmpAdminString (SIZE (0..99999)) | Date | An object containing the date when the command was run. |
| avCmPlatCmdsRunTime<br>Command History | .1.1.3 | R | SnmpAdminString (SIZE (0..9)) | Time | An object containing the time when the command was run. |
| avCmPlatCmdsSeqNumber<br>Command History | .1.1.4 | R | SnmpAdminString (SIZE (0..10)) | Sequence Number | An object containing the sequence number of the command. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmPlatCmdsPriority<br>Command History | .1.1.5 | R | SnmpAdminString (SIZE (0..99999)) | Priority | An object containing the priority of the command. |
| avCmPlatCmdsServerName<br>Command History | .1.1.6 | R | SnmpAdminString (SIZE (0..26)) | Server Name | An object containing the server name where the command was run. |
| avCmPlatCmdsLoginId<br>Command History | .1.1.7 | R | SnmpAdminString (SIZE (0..26)) | Login Id | An object containing the login ID of the user who ran the command. |
| avCmPlatCmdsCommand<br>Command History | .1.1.8 | R | SnmpAdminString (SIZE (0..201)) | Command | An object containing the command that was run. |

## Sample output of forms

```
server1> logc cmds
20150515:024711000:1:cmds:MED:server1 logger: ramdisk -s
20150515:024713000:2:cmds:MED:server1 logger: hardware_info
20150515:024714000:3:cmds:MED:server1 logger: swversion
434
20150515:024714000:4:cmds:MED:server1 logger: fips_mode -q
20150515:024714000:5:cmds:MED:server1 logger: /opt/ecs/bin/fips_mode: FIPS mode
is disabled in the OS.
20150515:024716000:6:cmds:MED:server1 root: filesync -d
20150515:024739000:7:cmds:MED:server1 root: /opt/ecs/bin/productid
20150515:024802000:8:cmds:MED:server1 root: hostscfg -c
20150515:024810000:9:cmds:MED:server1 update_tool: update_guard:Couldn't open /o
pt/updates/update-info
20150515:024837000:10:cmds:MED:server1 root: add
20150515:024847000:11:cmds:MED:server1 craft: server_setup -s x509
20150515:024848000:12:cmds:MED:server1 craft: server_setup -s x509
20150515:024849000:13:cmds:MED:server1 craft: server_setup -s x509
20150515:024912000:14:cmds:MED:server1 -bash: HISTORY: PPID=11344 PID=11597 UID=
780 ping 135.9.1.2
```

## Sample Output of SNMP Walk command:

```
vit@server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/
AVAYA-AURA-CM-MIB.txt avCmPlatCmds
vCmPlatCmdsDate.1 = STRING: 20150515
avCmPlatCmdsDate.2 = STRING: 20150515
avCmPlatCmdsDate.3 = STRING: 20150515
avCmPlatCmdsDate.4 = STRING: 20150515
avCmPlatCmdsDate.5 = STRING: 20150515
avCmPlatCmdsDate.6 = STRING: 20150515
avCmPlatCmdsDate.7 = STRING: 20150515
avCmPlatCmdsDate.8 = STRING: 20150515
avCmPlatCmdsDate.9 = STRING: 20150515
avCmPlatCmdsDate.10 = STRING: 20150515
avCmPlatCmdsDate.11 = STRING: 20150515
avCmPlatCmdsDate.12 = STRING: 20150515
avCmPlatCmdsDate.13 = STRING: 20150515
avCmPlatCmdsDate.14 = STRING: 20150515
avCmPlatCmdsTime.1 = STRING: 024711000
```

```
avCmPlatCmdsTime.2 = STRING: 024713000
avCmPlatCmdsTime.3 = STRING: 024714000
avCmPlatCmdsTime.4 = STRING: 024714000
avCmPlatCmdsTime.5 = STRING: 024714000
avCmPlatCmdsTime.6 = STRING: 024716000
avCmPlatCmdsTime.7 = STRING: 024739000
avCmPlatCmdsTime.8 = STRING: 024802000
avCmPlatCmdsTime.9 = STRING: 024810000
avCmPlatCmdsTime.10 = STRING: 024837000
avCmPlatCmdsTime.11 = STRING: 024847000
avCmPlatCmdsTime.12 = STRING: 024848000
avCmPlatCmdsTime.13 = STRING: 024849000
avCmPlatCmdsTime.14 = STRING: 024912000
avCmPlatCmdsSeqNumber.1 = INTEGER: 1
avCmPlatCmdsSeqNumber.2 = INTEGER: 2
avCmPlatCmdsSeqNumber.3 = INTEGER: 3
avCmPlatCmdsSeqNumber.4 = INTEGER: 4
avCmPlatCmdsSeqNumber.5 = INTEGER: 5
avCmPlatCmdsSeqNumber.6 = INTEGER: 6
avCmPlatCmdsSeqNumber.7 = INTEGER: 7
avCmPlatCmdsSeqNumber.8 = INTEGER: 8
avCmPlatCmdsSeqNumber.9 = INTEGER: 9
avCmPlatCmdsSeqNumber.10 = INTEGER: 10
avCmPlatCmdsSeqNumber.11 = INTEGER: 11
avCmPlatCmdsSeqNumber.12 = INTEGER: 12
avCmPlatCmdsSeqNumber.13 = INTEGER: 13
avCmPlatCmdsSeqNumber.14 = INTEGER: 14
avCmPlatCmdsPriority.1 = STRING: MED
avCmPlatCmdsPriority.2 = STRING: MED
avCmPlatCmdsPriority.3 = STRING: MED
avCmPlatCmdsPriority.4 = STRING: MED
avCmPlatCmdsPriority.5 = STRING: MED
avCmPlatCmdsPriority.6 = STRING: MED
avCmPlatCmdsPriority.7 = STRING: MED
avCmPlatCmdsPriority.8 = STRING: MED
avCmPlatCmdsPriority.9 = STRING: MED
avCmPlatCmdsPriority.10 = STRING: MED
avCmPlatCmdsPriority.11 = STRING: MED
avCmPlatCmdsPriority.12 = STRING: MED
avCmPlatCmdsPriority.13 = STRING: MED
avCmPlatCmdsPriority.14 = STRING: MED
avCmPlatCmdsServerName.1 = STRING: server1
avCmPlatCmdsServerName.2 = STRING: server1
avCmPlatCmdsServerName.3 = STRING: server1
avCmPlatCmdsServerName.4 = STRING: server1
avCmPlatCmdsServerName.5 = STRING: server1
avCmPlatCmdsServerName.6 = STRING: server1
avCmPlatCmdsServerName.7 = STRING: server1
avCmPlatCmdsServerName.8 = STRING: server1
avCmPlatCmdsServerName.9 = STRING: server1
avCmPlatCmdsServerName.10 = STRING: server1
avCmPlatCmdsServerName.11 = STRING: server1
avCmPlatCmdsServerName.12 = STRING: server1
avCmPlatCmdsServerName.13 = STRING: server1
avCmPlatCmdsServerName.14 = STRING: server1
avCmPlatCmdsLoginId.1 = STRING: logger
avCmPlatCmdsLoginId.2 = STRING: logger
avCmPlatCmdsLoginId.3 = STRING: logger
avCmPlatCmdsLoginId.4 = STRING: logger
avCmPlatCmdsLoginId.5 = STRING: logger
avCmPlatCmdsLoginId.6 = STRING: root
avCmPlatCmdsLoginId.7 = STRING: root
avCmPlatCmdsLoginId.8 = STRING: root
avCmPlatCmdsLoginId.9 = STRING: update_tool
avCmPlatCmdsLoginId.10 = STRING: root
```

```
avCmPlatCmdsLoginId.11 = STRING: craft
avCmPlatCmdsLoginId.12 = STRING: craft
avCmPlatCmdsLoginId.13 = STRING: craft
avCmPlatCmdsLoginId.14 = STRING: -bash
vCmPlatCmdsCommand.1 = STRING: ramdisk -s
avCmPlatCmdsCommand.2 = STRING: hardware_info
avCmPlatCmdsCommand.3 = STRING: swversion
avCmPlatCmdsCommand.4 = STRING: fips_mode -q
avCmPlatCmdsCommand.5 = STRING: /opt/ecs/bin/fips_mode: FIPS mode is disabled in
the OS.
avCmPlatCmdsCommand.6 = STRING: filesync -d
avCmPlatCmdsCommand.7 = STRING: /opt/ecs/bin/productid
avCmPlatCmdsCommand.8 = STRING: hostscfg -c
avCmPlatCmdsCommand.9 = STRING: update_guard:Couldn't open /opt/updates/update-i
nfo
avCmPlatCmdsCommand.10 = STRING: add
avCmPlatCmdsCommand.11 = STRING: server_setup -s x509
avCmPlatCmdsCommand.12 = STRING: server_setup -s x509
avCmPlatCmdsCommand.13 = STRING: server_setup -s x509
avCmPlatCmdsCommand.14 = STRING: HISTORY: PPID=11344 PID=11597 UID=780 ping 135.
9.1.2
```

# avCmListSigGrp

| MIB group name | OID | Type |
|---|---|---|
| avCmListSigGrp | enterprises.6889.2.73.8.1.84 | Table |

### Description

The avCmListSigGrp MIB group displays information about the system-administered signaling groups.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Configuration

### Polling Interval

No more than once a day when the signaling group administration is changed.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListSigGrp | SAT | `list signaling-group` | SIGNALING GROUPS |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

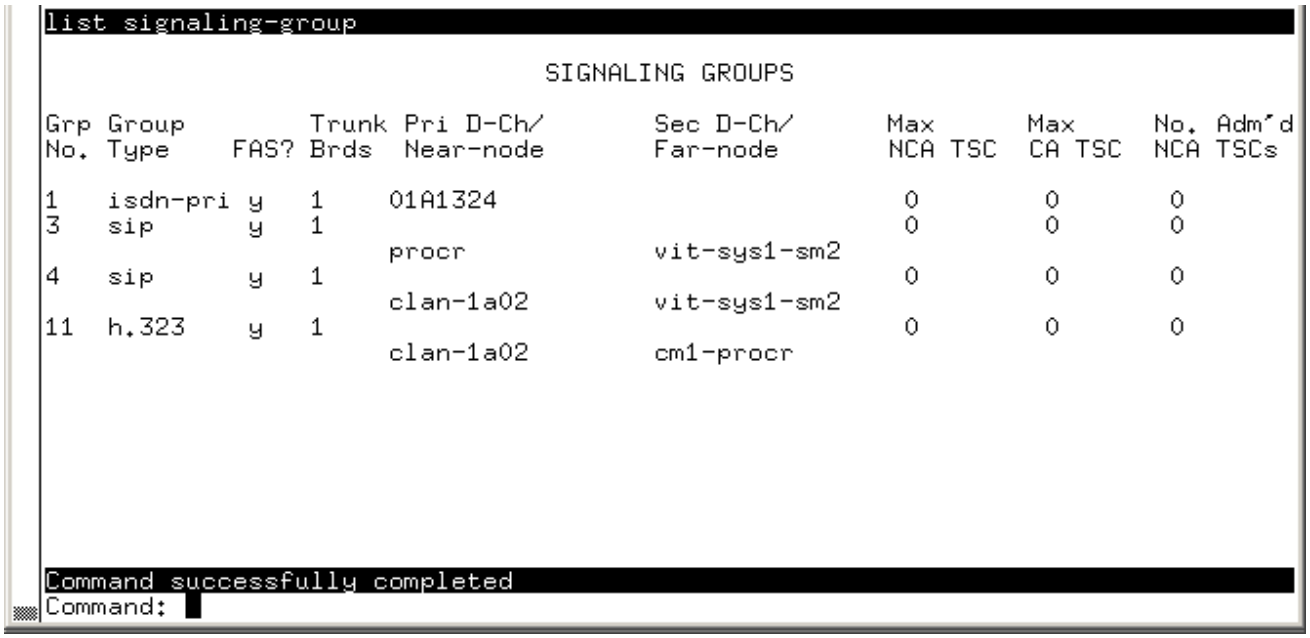
### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListSigGrpTable | .1 | n/a | SEQUENCE OF AvCmListSigGrpEntry | n/a | An object containing the avCmListSigGrp entries. |
| avCmListSigGrpEntry | .1.1 | n/a | AvCmListSigGrpEntry | n/a | An object containing the avCmListSigGrp entry with the information that the switch sent. |
| avCmListSigGrpIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each SigGrp group. |
| avCmListSigGrpGrpNumber<br>SIGNALING GROUPS | .1.1.2 | R | SnmpAdminString (SIZE (0..9999)) | List Command: Grp No | An object that uniquely identifies each signaling group. |
| avCmListSigGrpType<br>SIGNALING GROUPS | .1.1.3 | R | SnmpAdminString (SIZE (0..14)) | List Command: Group Type | An object containing the signaling group type. |
| avCmListSigGrpFAS<br>SIGNALING GROUPS | .1.1.4 | R | SnmpAdminString (SIZE (0..2)) | List command: FAS | An object containing the status of FAS for the signaling group. |
| avCmListSigGrpTrkBrds | .1.1.5 | R | SnmpAdminString (SIZE (0..99)) | List command: Trunk Brds | An object containing the number of trunk boards that the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| SIGNALING GROUPS | | | | | signaling group uses. |
| avCmListSigGrpPriDChannel<br>SIGNALING GROUPS | .1.1.6 | R | SnmpAdminString (SIZE (0..11)) | List command: Pri D-Ch | An object containing the primary D Channel of the signaling group. |
| avCmListSigGrpSecDChannel<br>SIGNALING GROUPS | .1.1.7 | R | SnmpAdminString (SIZE (0..11)) | List command Sec D-Ch | An object containing the primary D Channel of the signaling group. |
| avCmListSigGrpMaxNCATSC<br>SIGNALING GROUPS | .1.1.8 | R | SnmpAdminString (SIZE (0..999)) | List command: Max NCA TSC | An object containing the maximum NCA TSC for the signaling group. |
| avCmListSigGrpMaxCATSC<br>SIGNALING GROUPS | .1.1.9 | R | SnmpAdminString (SIZE (0..999)) | List command: Max CA TSC | An object containing the maximum CA TSC for the signalling group. |
| avCmListSigGrpMaxNCATSCs<br>SIGNALING GROUPS | .1.1.10 | R | SnmpAdminString (SIZE (0..999)) | List command: No. Adm'd NCA TSCs | An object containing the number of administered NCA TSCs for the signaling group. |
| avCmListSigGrpNearNode<br>SIGNALING GROUPS | .1.1.11 | R | SnmpAdminString (SIZE (0..16)) | List command: Near-node | An object containing the name of the near-end node of the signaling group. |
| avCmListSigGrpFarNode<br>SIGNALING GROUPS | .1.1.12 | R | SnmpAdminString (SIZE (0..16)) | List command: Far-node | An object containing the name of the far-end node of the signaling group. |

### Sample output of forms



```
list signaling-group

                              SIGNALING GROUPS

Grp Group        Trunk Pri D-Ch/       Sec D-Ch/      Max      Max     No. Adm'd
No. Type    FAS? Brds  Near-node       Far-node       NCA TSC  CA TSC  NCA TSCs

1   isdn-pri y   1     01A1324                        0        0       0
3   sip      y   1                                    0        0       0
                       procr           vit-sys1-sm2
4   sip      y   1                                    0        0       0
                       clan-1a02       vit-sys1-sm2
11  h.323    y   1                                    0        0       0
                       clan-1a02       cm1-procr

Command successfully completed
Command:
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmListSigGrp
avCmListSigGrpGrpNumber.1 = INTEGER: 1
avCmListSigGrpGrpNumber.3 = INTEGER: 3
avCmListSigGrpGrpNumber.4 = INTEGER: 4
avCmListSigGrpGrpNumber.11 = INTEGER: 11
avCmListSigGrpGrpType.1 = STRING: isdn-pri
avCmListSigGrpGrpType.3 = STRING: sip
avCmListSigGrpGrpType.4 = STRING: sip
avCmListSigGrpGrpType.11 = STRING: h.323
avCmListSigGrpFAS.1 = STRING: y
avCmListSigGrpFAS.3 = STRING: y
avCmListSigGrpFAS.4 = STRING: y
avCmListSigGrpFAS.11 = STRING: y
avCmListSigGrpTrkBrds.1 = INTEGER: 1
avCmListSigGrpTrkBrds.3 = INTEGER: 1
avCmListSigGrpTrkBrds.4 = INTEGER: 1
avCmListSigGrpTrkBrds.11 = INTEGER: 1
avCmListSigGrpPriDChannel.1 = STRING: 01A1324
avCmListSigGrpPriDChannel.3 = STRING:
avCmListSigGrpPriDChannel.4 = STRING:
avCmListSigGrpPriDChannel.11 = STRING:
avCmListSigGrpSecDChannel.1 = STRING:
avCmListSigGrpSecDChannel.3 = STRING:
avCmListSigGrpSecDChannel.4 = STRING:
avCmListSigGrpSecDChannel.11 = STRING:
avCmListSigGrpMaxNCATSC.1 = INTEGER: 0
avCmListSigGrpMaxNCATSC.3 = INTEGER: 0
avCmListSigGrpMaxNCATSC.4 = INTEGER: 0
avCmListSigGrpMaxNCATSC.11 = INTEGER: 0
avCmListSigGrpMaxCATSC.1 = INTEGER: 0
avCmListSigGrpMaxCATSC.3 = INTEGER: 0
avCmListSigGrpMaxCATSC.4 = INTEGER: 0
avCmListSigGrpMaxCATSC.11 = INTEGER: 0
avCmListSigGrpNoAdmdNCATSCs.1 = INTEGER: 0
```

```
avCmListSigGrpNoAdmdNCATSCs.3 = INTEGER: 0
avCmListSigGrpNoAdmdNCATSCs.4 = INTEGER: 0
avCmListSigGrpNoAdmdNCATSCs.11 = INTEGER: 0
avCmListSigGrpNearNode.1 = STRING:
avCmListSigGrpNearNode.3 = STRING: procr
avCmListSigGrpNearNode.4 = STRING: clan-1a02
avCmListSigGrpNearNode.11 = STRING: clan-1a02
avCmListSigGrpFarNode.1 = STRING:
avCmListSigGrpFarNode.3 = STRING: vit-sys1-sm2
avCmListSigGrpFarNode.4 = STRING: vit-sys1-sm2
avCmListSigGrpFarNode.11 = STRING: cm1-procr
```

# avCmStatusSigGrp

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusSigGrp | enterprises.6889.2.73.8.1.85 | Table |

### Description

The avCmStatusSigGrp MIB group displays information about the status of signaling groups.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Configuration

### Polling Interval

No more than once an hour or when the signaling administration is changed.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusSigGrp | SAT | `list signaling-group` | SIGNALING GROUPS |
| | SAT | `status signaling-group` | SIGNALING GROUPS |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusSigGrpTable<br> | .1 | n/a | SEQUENCE OF AvCmStatusSigGrp Entry | n/a | An object containing the avCmStatusSigGrp entries. |
| avCmStatusSigGrpEntry<br> | .1.1 | n/a | AvCmStatusSigGrp Entry | n/a | An object containing the avCmStatusSigGrp entry with the information that the switch sent. |
| avCmStatusSigGrpIdx<br> | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each SigGrp group. |
| avCmStatusSigGrpGrpNumber<br>SIGNALING GROUPS | .1.1.2 | R | Integer32 (0..9999) | Status command: Group State | An object that uniquely identifies each signaling group. |
| <br>SIGNALING GROUPS | .1.1.3 | R | SnmpAdminString (SIZE (0..14)) | Status command: Group State | An object containing the signaling group type. |
| <br>SIGNALING GROUPS | .1.1.4 | R | SnmpAdminString (SIZE (0..22)) | Status command: Group State | An object containing the status of the signaling groups. |

### Sample output of forms

```
status signaling-group 1
                        STATUS SIGNALING GROUP

       Group ID: 1                                Active NCA-TSC Count: 0
     Group Type: isdn-pri                          Active CA-TSC Count: 0
  Signaling Type: facility associated signaling
    Group State: out-of-service


                           Primary D-Channel


            Port: 01A1324        Level 3 State: out-of-service


                         Secondary D-Channel


            Port:                Level 3 State: no-link


Command:
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmStatusSigGrp
avCmStatusSigGrpGrpNumber.1 = INTEGER: 1
avCmStatusSigGrpGrpNumber.3 = INTEGER: 3
avCmStatusSigGrpGrpNumber.4 = INTEGER: 4
avCmStatusSigGrpGrpNumber.11 = INTEGER: 11
avCmStatusSigGrpGrpType.1 = STRING: isdn-pri
avCmStatusSigGrpGrpType.3 = STRING: sip
avCmStatusSigGrpGrpType.4 = STRING: sip
avCmStatusSigGrpGrpType.11 = STRING: h.323
avCmStatusSigGrpGrpState.1 = STRING: out-of-service
avCmStatusSigGrpGrpState.3 = STRING: in-service
avCmStatusSigGrpGrpState.4 = STRING: in-service
avCmStatusSigGrpGrpState.11 = STRING: far-end bypass
```

# avCmListHuntGrp

| MIB group name | OID | Type |
|---|---|---|
| avCmListHuntGrp | enterprises.6889.2.73.8.1.86 | Table |

### Description

The avCmListHuntGrp MIB group displays information about hunt groups.

### Releases Supported

7.0 and later

### Polling Type

Inventory and Configuration

Configuration and Inventory

### Polling Interval

No more than once an hour when the hunt group administration is changed.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListHuntGrp | SAT | `list hunt-group` | HUNT GROUPS |

### Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*, 03-300509This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListHuntGrpTable | .1 | n/a | SEQUENCE OF AvCmStatusHuntGrpYestEntry | n/a | An object containing the avCmListHuntGrp entries. |
| avCmListHuntGrpEntry | .1.1 | n/a | AvCmStatushuntGrpYestEntry | n/a | An object containing the avCmListHuntGrpentry with the information that the switch sent. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListHuntGrpHuntGrpIdx | .1.1.1 | n/a | Integer32 (0..2000) | n/a | An object that uniquely identifies each hunt group. |
| avCmListHuntGrpHuntGrpNo<br>HUNT GROUPS | .1.1.2 | R | Integer32 (0..9999) | Grp No | An object that uniquely identifies each hunt group. |
| avCmListHuntGrpRunDate<br>HUNT GROUPS | .1.1.3 | R | Integer32 (0..28) | Grp Name | An object containing the hunt group name. |
| avCmListHuntGrpGrpName<br>HUNT GROUPS | .1.1.4 | R | Integer32 (0..17) | Ext | An object containing the extension of the hunt group. |
| avCmListHuntGrpGroupSiz<br>HUNT GROUPS | .1.1.5 | R | Integer32 (0..8) | Grp Type | An object containing the extension of the hunt group. |
| avCmListHuntGrpMeasHour<br>HUNT GROUPS | .1.1.6 | R | Integer32 (0..4) | ACD/MEAS | An object containing the indication whether the hunt group is ACD and measured. |
| avCmListHuntGrpTotalUsage<br>HUNT GROUPS | .1.1.7 | R | Integer32 (0..2) | Vec | An object containing the indication whether the hunt group is a vector. |
| avCmListHuntGrpCallsAns<br>HUNT GROUPS | .1.1.8 | R | Integer32 (0..5) | MCH | An object containing the indication whether the hunt group is Multiple Call Handling. |
| avCmListHuntGrpGrpQue<br>HUNT GROUPS | .1.1.9 | R | Integer32 (0..2) | Que | An object containing the indication whether the hunt group has a queue. |
| avCmListHuntGrpCallsQue<br>HUNT GROUPS | .1.1.10 | R | Integer32 (0..9999) | No Mem | An object containing the number of group members. |
| avCmListHuntGrpQueOvfl<br>HUNT GROUPS | .1.1.11 | R | SnmpAdminString (SIZE (0..5)) | Cov Pathl | An object containing the indication whether the hunt group has a coverage path. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListHuntGrpTimeAvail<br>HUNT GROUPS | .1.1.12 | R | SnmpAdminString (SIZE (0..5)) | Cov Pathl | An object containing the indication whether the hunt group has NotifCtgAdj. |
| avCmListHuntGrpSpeedAns<br>HUNT GROUPS | .1.1.13 | R | SnmpAdminString (SIZE (0..3)) | Dom Ctrl | An object containing the indication whether the hunt group has Domain Control. |
| avCmListHuntGrpTyp<br>HUNT GROUPS | .1.1.14 | R | SnmpAdminString (SIZE (0..2)) | Message Center | An object containing the indication whether the hunt group has Message Center. |
| avCmListHuntGrpAban<br>HUNT GROUPS | .1.1.15 | R | SnmpAdminString (SIZE (0..8)) | Message Center Name | An object containing the name of Message Center. |

## Sample output of forms

```
list hunt-group                                                    Page   1

                                  HUNT GROUPS

Grp  Grp
No.  Name/           Grp      ACD/                  No. Cov  Notif/  Dom   Message
     Ext             Type     MEAS Vec MCH   Que Mem Path Ctg Adj  Ctrl  Center

1    test
     10000           ucd-mia  n/-  n   none  n   3       n             n
2    test 2
     10001           ucd-mia  n/-  n   none  n   2       n             n
3    test 3
     10003           ucd-mia  n/-  n   none  n   2       n             n
4    test 4
     10004           ucd-mia  y/N  n   none  n   0       n             n
5    test 5
     10005           ucd-mia  n/-  n   none  y   5       n             n
6    12345678901234567890123456
     10006           ucd-mia  n/-  n   none  n   2       n             n
7    test 7
     10007           ucd-mia  n/-  n   none  n   3       n             n

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmListHuntGrp
avCmListHuntGrpGrpNumber.1 = INTEGER: 1
avCmListHuntGrpGrpNumber.2 = INTEGER: 2
:
:
```

```
avCmListHuntGrpGrpNumber.10 = INTEGER: 10
avCmListHuntGrpGrpName.1 = STRING: test
avCmListHuntGrpGrpName.2 = STRING: test 2
:
:
avCmListHuntGrpGrpName.10 = STRING: test 10
avCmListHuntGrpGrpExt.1 = STRING: 10000
avCmListHuntGrpGrpExt.2 = STRING: 10001
:
:
avCmListHuntGrpGrpExt.10 = STRING: 10010
avCmListHuntGrpGrpType.1 = STRING: ucd-mia
avCmListHuntGrpGrpType.2 = STRING: ucd-mia
:
:
avCmListHuntGrpGrpType.10 = STRING: ucd-mia
avCmListHuntGrpGrpAcdMeas.1 = STRING: n/-
avCmListHuntGrpGrpAcdMeas.2 = STRING: n/-
:
:
avCmListHuntGrpGrpAcdMeas.10 = STRING: n/-
avCmListHuntGrpGrpVec.1 = STRING:
avCmListHuntGrpGrpVec.2 = STRING:
:
:
avCmListHuntGrpGrpVec.10 = STRING:
avCmListHuntGrpGrpMch.1 = STRING:
avCmListHuntGrpGrpMch.2 = STRING:
:
:
avCmListHuntGrpGrpMch.10 = STRING:
avCmListHuntGrpGrpQue.1 = STRING: n
avCmListHuntGrpGrpQue.2 = STRING: n
:
:
avCmListHuntGrpGrpQue.10 = STRING: n
avCmListHuntGrpGrpNoMem.1 = INTEGER: 3
avCmListHuntGrpGrpNoMem.2 = INTEGER: 2
:
:
avCmListHuntGrpGrpNoMem.10 = INTEGER: 2
avCmListHuntGrpCovPath.1 = STRING:
avCmListHuntGrpCovPath.2 = STRING:
:
:
avCmListHuntGrpCovPath.10 = STRING:
avCmListHuntGrpNotifCtgAdj.1 = STRING: n
avCmListHuntGrpNotifCtgAdj.2 = STRING: n
:
:
avCmListHuntGrpNotifCtgAdj.10 = STRING: n
avCmListHuntGrpDomCtrl.1 = STRING:
avCmListHuntGrpDomCtrl.2 = STRING:
:
:
avCmListHuntGrpDomCtrl.10 = STRING:
avCmListHuntGrpMsgCtr.1 = STRING: n
avCmListHuntGrpMsgCtr.2 = STRING: n
:
:
avCmListHuntGrpMsgCtr.10 = STRING: n
avCmListHuntGrpMsgCtrName.1 = STRING:
avCmListHuntGrpMsgCtrName.2 = STRING:
:
```

```
:
avCmListHuntGrpMsgCtrName.10 = STRING:
```

# avCmMeasHuntGrpLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasHuntGrpLstHr | enterprises.6889.2.73.8.1.59 | Table |

### Description

The avCmMeasHuntGrpLstHr MIB group displays information about hunt groups from the previous day.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour. The data is updated at the beginning of each hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasHuntGrpLstHr | SAT | **list measurements hunt-group yesterday** | HUNT GROUP MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*, 03-300509This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasHuntGrpLstHrTable<br> | .1 | n/a | SEQUENCE OF AvCmStatusHuntGrpYestEntry | n/a | An object containing the avCmMeasHuntGrpLstHr entries. |
| avCmMeasHuntGrpLstHrEntry<br> | .1.1 | n/a | AvCmStatushuntGrpYestEntry | n/a | An object containing the avCmMeasHuntGrpLstHr entry with the information that the switch sent. |
| avCmMeasHuntGrpLstHrHuntGrpIdx<br> | .1.1.1 | n/a | Integer32 (0..9999) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasHuntGrpLstHrHuntGrpNo<br>HUNT GROUP MEASUREMENTS | .1.1.2 | R | Integer32 (0..9999) | Hunt Group | An object containing the hunt group number. |
| avCmMeasHuntGrpLstHrRunDate<br>HUNT GROUP MEASUREMENTS | .1.1.3 | R | Integer32 (0..28) | Date | An object containing the date when the command was run. |
| avCmMeasHuntGrpLstHrGrpName<br>HUNT GROUP MEASUREMENTS | .1.1.4 | R | Integer32 (0..28) | Grp Name | An object containing the size of the hunt group. |
| avCmMeasHuntGrpLstHrGroupSiz<br>HUNT GROUP MEASUREMENTS | .1.1.5 | R | Integer32 (0..999) | Grp Siz | An object containing the size of the hunt group. |
| avCmMeasHuntGrpLstHrMeasHour<br>HUNT GROUP MEASUREMENTS | .1.1.6 | R | Integer32 (0..9999) | Meas Hour | An object containing the measurement hour. |
| avCmMeasHuntGrpLstHrTotalUsage | .1.1.7 | R | Integer32 (0..99999) | Total Usage | An object containing the total amount of time hunt groups are |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| HUNT GROUP MEASUREMENTS | | | | | busy processing calls. |
| avCmMeasHuntGrpLstHrCallsAns<br>HUNT GROUP MEASUREMENTS | .1.1.8 | R | Integer32 (0..999999) | Calls Ans | An object containing the number of calls answered. |
| avCmMeasHuntGrpLstHrGrpQue<br>HUNT GROUP MEASUREMENTS | .1.1.9 | R | Integer32 (0..2) | Que | An object containing the indication whether the hunt group has a queue. |
| avCmMeasHuntGrpLstHrCallsQue<br>HUNT GROUP MEASUREMENTS | .1.1.10 | R | Integer32 (0..99999) | Calls Que | An object containing the number of calls sent to the hunt group queue. All call that are sent to call coverage are included. |
| avCmMeasHuntGrpLstHrQueOvfl<br>HUNT GROUP MEASUREMENTS | .1.1.11 | R | Integer32 (0..99999) | Que Ovfl | An object containing the number of calls received when all hunt group queues are fully occupied. |
| avCmMeasHuntGrpLstHrTimeAvail<br>HUNT GROUP MEASUREMENTS | .1.1.12 | R | Integer32 (0..9999) | Time Avail | An object containing the total amount of time that the hunt group extensions are available for calls. The available time is calculated only when an extension is available for calls from a specific hunt group. |
| avCmMeasHuntGrpLstHrSpeedAns<br>HUNT GROUP MEASUREMENTS | .1.1.13 | R | Integer32 (0..9999) | Speed Ans | An object containing the average time taken to answer a call. The time is calculated from the call being listed in the hunt group queue to the call being answered. The time for the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | forced first announcement is not included. |
| avCmMeasHuntGrpLstHrTyp<br>HUNT GROUP MEASUREMENTS | .1.1.14 | R | Integer32 (0..4) | Typ | An object containing the type of hunt group - ddc: direct department calling, ucd: uniform call distribution, ead: expert agent distribution. |
| avCmMeasHuntGrpLstHrAban<br>HUNT GROUP MEASUREMENTS | .1.1.15 | R | Integer32 (0..999) | Aban | An object containing the number of calls abandoned in the hunt group queue. Calls abandoned while in the hunt group queue and while ringing at an extension are included. Calls answered by Call Pick Up, by other hunt groups, and while listening to a forced first announcement are not included. |

## Sample output of forms

```
list measurements hunt-group last-hour                                  Page   1
Switch Name:                                   Date: 3:11 am  MON JUN 1, 2015

                              HUNT GROUP MEASUREMENTS

Grp  Grp                        Grp  Meas Total Calls      Calls Que  Time  Speed
No.  Name                       Siz/ Hour Usage Ans/  Que  Que   Ovfl Avail Ans
                                Typ             Aban                       (sec)

1    test                        3   200  0     0      n    0     0    108   0
                                 ucd             0
2    test 2                      2   200  0     0      n    0     0    72    0
                                 ucd             0
3    test 3                      2   200  0     0      n    0     0    72    0
                                 ucd             0
4    test 4                      0   200  0     0      n    0     0    0     0
                                 ucd             0
5    test 5                      5   200  0     0      y    0     0    180   0
                                 ucd             0
6    12345678901234567890123456 7 2   200  0     0      n    0     0    72    0
                                 ucd             0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasHuntGrpLstHr
avCmMeasHuntGrpLstHrHuntGrpNo.1 = INTEGER: 1
avCmMeasHuntGrpLstHrHuntGrpNo.2 = INTEGER: 2
:
:
avCmMeasHuntGrpLstHrHuntGrpNo.10 = INTEGER: 10
avCmMeasHuntGrpLstHrRunDate.1 = STRING: 3:09 am MON JUN 1, 2015
avCmMeasHuntGrpLstHrRunDate.2 = STRING: 3:09 am MON JUN 1, 2015
:
:
avCmMeasHuntGrpLstHrRunDate.10 = STRING: 3:09 am MON JUN 1, 2015
avCmMeasHuntGrpLstHrGrpName.1 = STRING: test
avCmMeasHuntGrpLstHrGrpName.2 = STRING: test 2
:
:
avCmMeasHuntGrpLstHrGrpName.10 = STRING: test 10
avCmMeasHuntGrpLstHrGroupSiz.1 = INTEGER: 3
avCmMeasHuntGrpLstHrGroupSiz.2 = INTEGER: 2
:
:
avCmMeasHuntGrpLstHrGroupSiz.10 = INTEGER: 2
avCmMeasHuntGrpLstHrMeasHour.1 = INTEGER: 200
avCmMeasHuntGrpLstHrMeasHour.2 = INTEGER: 200
:
:
avCmMeasHuntGrpLstHrMeasHour.10 = INTEGER: 200
avCmMeasHuntGrpLstHrTotalUsage.1 = INTEGER: 0
453
avCmMeasHuntGrpLstHrTotalUsage.2 = INTEGER: 0
:
:
avCmMeasHuntGrpLstHrTotalUsage.10 = INTEGER: 0
avCmMeasHuntGrpLstHrCallsAns.1 = INTEGER: 0
avCmMeasHuntGrpLstHrCallsAns.2 = INTEGER: 0
```

```
:
:
avCmMeasHuntGrpLstHrCallsAns.10 = INTEGER: 0
avCmMeasHuntGrpLstHrGrpQue.1 = STRING: n
avCmMeasHuntGrpLstHrGrpQue.2 = STRING: n
:
:
avCmMeasHuntGrpLstHrGrpQue.10 = STRING: n
avCmMeasHuntGrpLstHrCallsQue.1 = INTEGER: 0
avCmMeasHuntGrpLstHrCallsQue.2 = INTEGER: 0
:
:
avCmMeasHuntGrpLstHrCallsQue.10 = INTEGER: 0
avCmMeasHuntGrpLstHrQueOvfl.1 = INTEGER: 0
avCmMeasHuntGrpLstHrQueOvfl.2 = INTEGER: 0
:
:
avCmMeasHuntGrpLstHrQueOvfl.10 = INTEGER: 0
avCmMeasHuntGrpLstHrTimeAvail.1 = INTEGER: 108
avCmMeasHuntGrpLstHrTimeAvail.2 = INTEGER: 72
:
:
avCmMeasHuntGrpLstHrTimeAvail.10 = INTEGER: 72
avCmMeasHuntGrpLstHrSpeedAns.1 = INTEGER: 0
avCmMeasHuntGrpLstHrSpeedAns.2 = INTEGER: 0
:
:
avCmMeasHuntGrpLstHrSpeedAns.10 = INTEGER: 0
avCmMeasHuntGrpLstHrTyp.1 = STRING: ucd
avCmMeasHuntGrpLstHrTyp.2 = STRING: ucd
:
:
avCmMeasHuntGrpLstHrTyp.10 = STRING: ucd
avCmMeasHuntGrpLstHrAban.1 = INTEGER: 0
avCmMeasHuntGrpLstHrAban.2 = INTEGER: 0
:
:
avCmMeasHuntGrpLstHrAban.10 = INTEGER: 0
```

# avCmMeasHuntGrpToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasHuntGrpToday | enterprises.6889.2.73.8.1.88 | Table |

### Description

The avCmMeasHuntGrpToday MIB group displays information about hunt groups from the present day.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour. The data is updated at the beginning of each hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasHuntGrpTodaY | SAT | `list measurements hunt-group yesterday` | HUNT GROUP MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*, 03-300509This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| Form/Report name | | | | | |
| avCmMeasHuntGrpTodayTable | .1 | n/a | SEQUENCE OF AvCmStatusHuntGrpYestEntry | n/a | An object containing the avCmMeasHuntGrpTodayentries. |
| | | | | | |
| avCmMeasHuntGrpTodayEntry | .1.1 | n/a | AvCmStatushuntGrpYestEntry | n/a | An object containing the avCmMeasHuntGrpToday entry with the information that the switch sent. |
| | | | | | |
| avCmMeasHuntGrpTodayHuntGrpIdx | .1.1.1 | n/a | Integer32 (0..9999) | n/a | An object that uniquely identifies each increment of data. |
| | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasHuntGrpTodayHuntGrpNo<br>HUNT GROUP MEASUREMENTS | .1.1.2 | R | Integer32 (0..9999) | Hunt Group | An object containing the hunt group number. |
| avCmMeasHuntGrpTodayRunDate<br>HUNT GROUP MEASUREMENTS | .1.1.3 | R | Integer32 (0..28) | Date | An object containing the date when the command was run. |
| avCmMeasHuntGrpTodayGrpName<br>HUNT GROUP MEASUREMENTS | .1.1.4 | R | Integer32 (0..28) | Grp Name | An object containing the size of the hunt group. |
| avCmMeasHuntGrpTodayGroupSiz<br>HUNT GROUP MEASUREMENTS | .1.1.5 | R | Integer32 (0..999) | Grp Siz | An object containing the size of the hunt group. |
| avCmMeasHuntGrpTodayMeasHour<br>HUNT GROUP MEASUREMENTS | .1.1.6 | R | Integer32 (0..9999) | Meas Hour | An object containing the measurement hour. |
| avCmMeasHuntGrpTodayTotalUsage<br>HUNT GROUP MEASUREMENTS | .1.1.7 | R | Integer32 (0..99999) | Total Usage | An object containing the total amount of time hunt groups are busy processing calls. |
| avCmMeasHuntGrpTodayCallsAns<br>HUNT GROUP MEASUREMENTS | .1.1.8 | R | Integer32 (0..999999) | Calls Ans | An object containing the number of calls answered. |
| avCmMeasHuntGrpTodayGrpQue<br>HUNT GROUP MEASUREMENTS | .1.1.9 | R | Integer32 (0..2) | Que | An object containing the indication whether the hunt group has a queue. |
| avCmMeasHuntGrpTodayCallsQue<br>HUNT GROUP MEASUREMENTS | .1.1.10 | R | Integer32 (0..99999) | Calls Que | An object containing the number of calls sent to the hunt group queue. All call that are sent to call coverage are included. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasHuntGrpTodayQueOvfl<br>HUNT GROUP MEASUREMENTS | .1.1.11 | R | Integer32 (0..99999) | Que Ovfl | An object containing the number of calls received when all hunt group queues are fully occupied. |
| avCmMeasHuntGrpTodayTimeAvail<br>HUNT GROUP MEASUREMENTS | .1.1.12 | R | Integer32 (0..9999) | Time Avail | An object containing the total amount of time that the hunt group extensions are available for calls. The available time is calculated only when an extension is available for calls from a specific hunt group. |
| avCmMeasHuntGrpTodaySpeedAns<br>HUNT GROUP MEASUREMENTS | .1.1.13 | R | Integer32 (0..9999) | Speed Ans | An object containing the average time taken to answer a call. The time is calculated from the call being listed in the hunt group queue to the call being answered. The time for the forced first announcement is not included. |
| avCmMeasHuntGrpTodayTyp<br>HUNT GROUP MEASUREMENTS | .1.1.14 | R | Integer32 (0..4) | Typ | An object containing the type of hunt group - ddc: direct department calling, ucd: uniform call distribution, ead: expert agent distribution. |
| avCmMeasHuntGrpTodayAban<br>HUNT GROUP MEASUREMENTS | .1.1.15 | R | Integer32 (0..999) | Aban | An object containing the number of calls abandoned in the hunt group queue. Calls abandoned while in the hunt group queue and |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | while ringing at an extension are included. Calls answered by Call Pick Up, by other hunt groups, and while listening to a forced first announcement are not included. |

## Sample output of forms

```
list measurements hunt-group today-peak                                Page   1
Switch Name:                                  Date: 3:16 am  MON JUN 1, 2015

                              HUNT GROUP MEASUREMENTS

Grp  Grp                        Grp  Meas Total Calls      Calls Que  Time  Speed
No.  Name                       Siz/ Hour Usage Ans/  Que Que   Ovfl Avail Ans
                                Typ             Aban                      (sec)

1    test                        3   200  0     0     n   0     0    108   0
                                 ucd             0
2    test 2                      2   200  0     0     n   0     0    72    0
                                 ucd             0
3    test 3                      2   200  0     0     n   0     0    72    0
                                 ucd             0
4    test 4                      0   200  0     0     n   0     0    0     0
                                 ucd             0
5    test 5                      5   200  0     0     y   0     0    180   0
                                 ucd             0
6    123456789012345678901234567 2   200  0     0     n   0     0    72    0
                                 ucd             0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmMeasHuntGrpToday
avCmMeasHuntGrpTodayHuntGrpNo.1 = INTEGER: 1
avCmMeasHuntGrpTodayHuntGrpNo.2 = INTEGER: 2
:
:
avCmMeasHuntGrpTodayHuntGrpNo.10 = INTEGER: 10
avCmMeasHuntGrpTodayRunDate.1 = STRING: 3:12 am MON JUN 1, 2015
avCmMeasHuntGrpTodayRunDate.2 = STRING: 3:12 am MON JUN 1, 2015
:
:
avCmMeasHuntGrpTodayRunDate.10 = STRING: 3:12 am MON JUN 1, 2015
avCmMeasHuntGrpTodayGrpName.1 = STRING: test
avCmMeasHuntGrpTodayGrpName.2 = STRING: test 2
:
:
avCmMeasHuntGrpTodayGrpName.10 = STRING: test 10
avCmMeasHuntGrpTodayGroupSiz.1 = INTEGER: 3
```

```
avCmMeasHuntGrpTodayGroupSiz.2 = INTEGER: 2
:
:
avCmMeasHuntGrpTodayGroupSiz.10 = INTEGER: 2
avCmMeasHuntGrpTodayMeasHour.1 = INTEGER: 200
avCmMeasHuntGrpTodayMeasHour.2 = INTEGER: 200
:
:
avCmMeasHuntGrpTodayMeasHour.10 = INTEGER: 200
avCmMeasHuntGrpTodayTotalUsage.1 = INTEGER: 0
avCmMeasHuntGrpTodayTotalUsage.2 = INTEGER: 0
:
:
avCmMeasHuntGrpTodayTotalUsage.10 = INTEGER: 0
avCmMeasHuntGrpTodayCallsAns.1 = INTEGER: 0
avCmMeasHuntGrpTodayCallsAns.2 = INTEGER: 0
:
:
avCmMeasHuntGrpTodayCallsAns.10 = INTEGER: 0
avCmMeasHuntGrpTodayGrpQue.1 = STRING: n
avCmMeasHuntGrpTodayGrpQue.2 = STRING: n
:
:
avCmMeasHuntGrpTodayGrpQue.10 = STRING: n
avCmMeasHuntGrpTodayCallsQue.1 = INTEGER: 0
avCmMeasHuntGrpTodayCallsQue.2 = INTEGER: 0
:
:
avCmMeasHuntGrpTodayCallsQue.10 = INTEGER: 0
avCmMeasHuntGrpTodayQueOvfl.1 = INTEGER: 0
avCmMeasHuntGrpTodayQueOvfl.2 = INTEGER: 0
:
:
avCmMeasHuntGrpTodayQueOvfl.10 = INTEGER: 0
avCmMeasHuntGrpTodayTimeAvail.1 = INTEGER: 108
avCmMeasHuntGrpTodayTimeAvail.2 = INTEGER: 72
:
:
avCmMeasHuntGrpTodayTimeAvail.10 = INTEGER: 72
avCmMeasHuntGrpTodaySpeedAns.1 = INTEGER: 0
avCmMeasHuntGrpTodaySpeedAns.2 = INTEGER: 0
:
:
avCmMeasHuntGrpTodaySpeedAns.10 = INTEGER: 0
avCmMeasHuntGrpTodayTyp.1 = STRING: ucd
avCmMeasHuntGrpTodayTyp.2 = STRING: ucd
:
:
avCmMeasHuntGrpTodayAban.10 = INTEGER: 0
```

# avCmMeasHuntGrpYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasHuntGrpYest | enterprises.6889.2.73.8.1.89 | Table |

### Description

The avCmMeasHuntGrpYest MIB group displays information about hunt groups from the previous day.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour. The data is updated at the beginning of each hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasHuntGrpYest | SAT | `list measurements hunt-group yesterday` | HUNT GROUP MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*, 03-300509This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasHuntGrpYestTable | .1 | n/a | SEQUENCE OF AvCmStatusHuntGrpYestEntry | n/a | An object containing the avCmMeasHuntGrpYestentries. |
| | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasHuntGrpYestEntry | .1.1 | n/a | AvCmStatushuntGrpYestEntry | n/a | An object containing the avCmMeasHuntGrpYest entry with the information that the switch sent. |
| avCmMeasHuntGrpYestHuntGrpIdx | .1.1.1 | n/a | Integer32 (0..9999) | n/a | An object that uniquely identifies each increment of data. |
| avCmMeasHuntGrpYestHuntGrpNo<br>HUNT GROUP MEASUREMENTS | .1.1.2 | R | Integer32 (0..9999) | Hunt Group | An object containing the hunt group number. |
| avCmMeasHuntGrpLstHrRunDate<br>HUNT GROUP MEASUREMENTS | .1.1.3 | R | Integer32 (0..28) | Date | An object containing the date when the command was run. |
| avCmMeasHuntGrpLstHrGrpName<br>HUNT GROUP MEASUREMENTS | .1.1.4 | R | Integer32 (0..28) | Grp Name | An object containing the size of the hunt group. |
| avCmMeasHuntGrpLstHrGroupSiz<br>HUNT GROUP MEASUREMENTS | .1.1.5 | R | Integer32 (0..999) | Grp Siz | An object containing the size of the hunt group. |
| avCmMeasHuntGrpLstHrMeasHour<br>HUNT GROUP MEASUREMENTS | .1.1.6 | R | Integer32 (0..9999) | Meas Hour | An object containing the measurement hour. |
| avCmMeasHuntGrpLstHrTotalUsage<br>HUNT GROUP MEASUREMENTS | .1.1.7 | R | Integer32 (0..99999) | Total Usage | An object containing the total amount of time hunt groups are busy processing calls. |
| avCmMeasHuntGrpLstHrCallsAns<br>HUNT GROUP MEASUREMENTS | .1.1.8 | R | Integer32 (0..999999) | Calls Ans | An object containing the number of calls answered. |
| avCmMeasHuntGrpLstHrGrpQue | .1.1.9 | R | Integer32 (0..2) | Que | An object containing the indication |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| HUNT GROUP MEASUREMENTS | | | | | whether the hunt group has a queue. |
| avCmMeasHuntGrpLstHrCallsQue<br>HUNT GROUP MEASUREMENTS | .1.1.10 | R | Integer32 (0..99999) | Calls Que | An object containing the number of calls sent to the hunt group queue. All call that are sent to call coverage are included. |
| avCmMeasHuntGrpLstHrQueOvfl<br>HUNT GROUP MEASUREMENTS | .1.1.11 | R | Integer32 (0..99999) | Que Ovfl | An object containing the number of calls received when all hunt group queues are fully occupied. |
| avCmMeasHuntGrpLstHrTimeAvail<br>HUNT GROUP MEASUREMENTS | .1.1.12 | R | Integer32 (0..9999) | Time Avail | An object containing the total amount of time that the hunt group extensions are available for calls. The available time is calculated only when an extension is available for calls from a specific hunt group. |
| avCmMeasHuntGrpLstHrSpeedAns<br>HUNT GROUP MEASUREMENTS | .1.1.13 | R | Integer32 (0..9999) | Speed Ans | An object containing the average time taken to answer a call. The time is calculated from the call being listed in the hunt group queue to the call being answered. The time for the forced first announcement is not included. |
| avCmMeasHuntGrpLstHrTyp<br>HUNT GROUP MEASUREMENTS | .1.1.14 | R | Integer32 (0..4) | Typ | An object containing the type of hunt group - ddc: direct department calling, ucd: uniform call distribution, ead: |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | expert agent distribution. |
| avCmMeasHuntGrpLstHrAban<br>HUNT GROUP MEASUREMENTS | .1.1.1.5 | R | Integer32 (0..999) | Aban | An object containing the number of calls abandoned in the hunt group queue. Calls abandoned while in the hunt group queue and while ringing at an extension are included. Calls answered by Call Pick Up, by other hunt groups, and while listening to a forced first announcement are not included. |

## Sample output of forms

```
list measurements hunt-group yesterday-peak                          Page   1
Switch Name:                                  Date: 3:35 am  MON JUN 1, 2015

                              HUNT GROUP MEASUREMENTS

Grp  Grp                        Grp  Meas Total Calls      Calls Que  Time  Speed
No.  Name                       Siz/ Hour Usage Ans/  Que  Que   Ovfl Avail Ans
                                Typ             Aban                       (sec)

1    test                        3   2300 0     0      n    0     0    108   0
                                 ucd             0
2    test 2                      2   2300 0     0      n    0     0    72    0
                                 ucd             0
3    test 3                      2   2300 0     0      n    0     0    72    0
                                 ucd             0
4    test 4                      0   2300 0     0      n    0     0    0     0
                                 ucd             0
5    test 5                      5   2300 0     0      y    0     0    180   0
                                 ucd             0
6    123456789012345678901234567 2   2300 0     0      n    0     0    72    0
                                 ucd             0

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/AVAYA-AURA-CM-MIB.txt avCmMeasHuntGrpYesterday
avCmMeasHuntGrpYestHuntGrpNo.1 = INTEGER: 1
avCmMeasHuntGrpYestHuntGrpNo.2 = INTEGER: 2
:
:
```

```
avCmMeasHuntGrpYestHuntGrpNo.10 = INTEGER: 10
avCmMeasHuntGrpYestRunDate.1 = STRING: 3:36 am MON JUN 1, 2015
avCmMeasHuntGrpYestRunDate.2 = STRING: 3:36 am MON JUN 1, 2015
:
:
avCmMeasHuntGrpYestRunDate.10 = STRING: 3:36 am MON JUN 1, 2015
avCmMeasHuntGrpYestGrpName.1 = STRING: test
avCmMeasHuntGrpYestGrpName.2 = STRING: test 2
:
:
avCmMeasHuntGrpYestGrpName.10 = STRING: test 10
avCmMeasHuntGrpYestGroupSiz.1 = INTEGER: 3
avCmMeasHuntGrpYestGroupSiz.2 = INTEGER: 2
:
:
avCmMeasHuntGrpYestGroupSiz.10 = INTEGER: 2
avCmMeasHuntGrpYestMeasHour.1 = INTEGER: 2300
avCmMeasHuntGrpYestMeasHour.2 = INTEGER: 2300
:
:
avCmMeasHuntGrpYestMeasHour.10 = INTEGER: 2300
avCmMeasHuntGrpYestTotalUsage.1 = INTEGER: 0
avCmMeasHuntGrpYestTotalUsage.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestTotalUsage.10 = INTEGER: 0
avCmMeasHuntGrpYestCallsAns.1 = INTEGER: 0
avCmMeasHuntGrpYestCallsAns.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestCallsAns.10 = INTEGER: 0
avCmMeasHuntGrpYestGrpQue.1 = STRING: n
avCmMeasHuntGrpYestGrpQue.2 = STRING: n
:
:
avCmMeasHuntGrpYestGrpQue.10 = STRING: n
avCmMeasHuntGrpYestCallsQue.1 = INTEGER: 0
avCmMeasHuntGrpYestCallsQue.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestCallsQue.10 = INTEGER: 0
avCmMeasHuntGrpYestQueOvfl.1 = INTEGER: 0
avCmMeasHuntGrpYestQueOvfl.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestQueOvfl.10 = INTEGER: 0
avCmMeasHuntGrpYestTimeAvail.1 = INTEGER: 108
avCmMeasHuntGrpYestTimeAvail.2 = INTEGER: 72
:
:
avCmMeasHuntGrpYestTimeAvail.10 = INTEGER: 72
avCmMeasHuntGrpYestSpeedAns.1 = INTEGER: 0
avCmMeasHuntGrpYestSpeedAns.2 = INTEGER: 0
:
:
avCmMeasHuntGrpYestSpeedAns.10 = INTEGER: 0
avCmMeasHuntGrpYestTyp.1 = STRING: ucd
avCmMeasHuntGrpYestTyp.2 = STRING: ucd
:
:
avCmMeasHuntGrpYestTyp.3 = STRING: ucd
avCmMeasHuntGrpYestTyp.10 = STRING: ucd
avCmMeasHuntGrpYestAban.1 = INTEGER: 0
avCmMeasHuntGrpYestAban.2 = INTEGER: 0
:
```

```
:
avCmMeasHuntGrpYestAban.10 = INTEGER: 0
```

# avCmListIpInterfaceAll Group

| MIB group name | OID | Type |
|---|---|---|
| avCmListIpInterfaceAll Group | 6889.2.73.8.1.90 | Table |

### Description

The avCmListIpInterfaceAll Group MIB Group uses the **`list ip-interface all`** command to retrieve all ip-interface data.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListIpInterfaceAll Group | SAT | **`list ip-interface all`** | IP INTERFACES |

### Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*, 03-300509. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIpInterfaceAllTable<br>avCmListIpInterfaceAllTable | .1 | R | SEQUENCE OF AvCmMeasToneRecYestEntry | n/a | A list of the avCmListIpInterface All entries |
| avCmListIpInterfaceAllEntry<br> | .1.1 | R | avCmListIpInterface AllEntry | n/a | A avCmListIpInterface AllEntry entry containing objects of the avCmListIpInterface AllEntry information sent by the switch. |
| avCmListIpInterfaceAllSlotIdx<br> | . 1.1.1 | R | SnmpAdminString (SIZE (0..6)) | n/a | An object that uniquely identifies each Increment of data. |
| avCmListIpInterfaceAllIdx<br> | . 1.1.2 | R | Integer32 (0..9999) | n/a | An object that uniquely identifies each Increment of data. |
| avCmListIpInterfaceAllOn<br>IP INTERFACES | . 1.1.3 | R | SnmpAdminString (SIZE (0..2)) | ON | An object containing whether the ip-interface is enabled. |
| avCmListIpInterfaceAllType<br>IP INTERFACES | . 1.1.4 | R | SnmpAdminString (SIZE (0..7)) | Type | An object containing the type of ip-interface. |
| avCmListIpInterfaceAllSlot<br>IP INTERFACES | . 1.1.5 | R | SnmpAdminString (SIZE (0..6)) | Slot | An object containing the slot where the ip-interface resides. |
| avCmListIpInterfaceAllCode<br>IP INTERFACES | . 1.1.6 | R | SnmpAdminString (SIZE (0..7)) | Code/ | An object containing the TN code of the board. |
| avCmListIpInterfaceAllSfx<br>IP INTERFACES | . 1.1.7 | R | SnmpAdminString (SIZE (0..2)) | Sfx | An object containing the suffix of the board. |
| avCmListIpInterfaceAllNodeName<br>IP INTERFACES | . 1.1.8 | R | SnmpAdminString (SIZE (0..6)) | Node Name | An object containing the Node Name used by the ip-intereface.. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIpInterfaceAllMask<br>IP INTERFACES | .1.1.9 | R | SnmpAdminString (SIZE (0..4)) | Mask | An object containing the mask of the ip-interface.. |
| avCmListIpInterfaceAllNetRgn<br>IP INTERFACES | .1.1.10 | R | SnmpAdminString (SIZE (0..9999)) | Net Rgn | Field that displays network region used by the ip-interface. |
| avCmListIpInterfaceAllVlan<br>IP INTERFACES | .1.1.11 | R | SnmpAdminString (SIZE (0..2)) | VLAN | Field that displays the virual lan used by the ip-interface. |
| avCmListIpInterfaceAllIpAddress<br>IP INTERFACES | .1.1.12 | R | SnmpAdminString (SIZE (0..41)) | IP Adress | The IP Address associated with the ip-interface. |
| avCmListIpInterfaceAllGatewayNode<br>IP INTERFACES | .1.1.13 | R | SnmpAdminString (SIZE (0..41)) | Gateway Node | The IP Address associated with the ip-interface. |
| avCmListIpInterfaceAllOn2<br>IP INTERFACES | .1.1.14 | R | SnmpAdminString (SIZE (0..2)) | ON | An object containing whether the duplicated ip-interface is enabled. |
| avCmListIpInterfaceAllType<br>IP INTERFACES | .1.1.15 | R | SnmpAdminString (SIZE (0..2)) | Type | An object containing the duplicated type of ip-interface. |
| avCmListIpInterfaceAllSlot2<br>IP INTERFACES | .1.1.16 | R | SnmpAdminString (SIZE (0..6)) | Slot | An object containing the slot where the duplicated ip-interface resides. |
| avCmListIpInterfaceAllCode2<br>IP INTERFACES | .1.1.17 | R | SnmpAdminString (SIZE (0..7)) | Code/ | An object containing the TN code of the duplicate board. |
| avCmListIpInterfaceAllSfx2<br>IP INTERFACES | .1.1.18 | R | SnmpAdminString (SIZE (0..2)) | Sfx | An object containing the TN code of the duplicate board. |
| avCmListIpInterfaceAllNodeName2<br>IP INTERFACES | .1.1.19 | R | SnmpAdminString (SIZE (0..16)) | Node Name | An object containing the Node Name used by the duplicated ip-intereface. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIpInterfaceAllMask2<br>IP INTERFACES | .1.1.20 | R | SnmpAdminString (SIZE (0..4)) | Mask | An object containing the Node Name used by the duplicate ip-intereface. |
| avCmListIpInterfaceAllNetRgn2<br>IP INTERFACES | .1.1.21 | R | SnmpAdminString (SIZE (0..9999)) | Net Rgn | Field that displays network region used by the ip-interface. |
| avCmListIpInterfaceAllVlan2<br>IP INTERFACES | .1.1.22 | R | SnmpAdminString (SIZE (0..2)) | VLAN | Field that displays the virual lan used by the ip-interface. |
| avCmListIpInterfaceAllIpAddress2<br>IP INTERFACES | .1.1.23 | R | SnmpAdminString (SIZE (0..41)) | IP Address | The IP Address associated with the duplicate ip-interface. |
| avCmListIpInterfaceAllGatewayNode2<br>IP INTERFACES | .1.1.24 | R | SnmpAdminString (SIZE (0..41)) | Gateway Node | The IP Address associated with the ip-interface. |

## Sample output of forms

```
list ip-interface all                                                Page   1
                                IP INTERFACES


                                                                        Net
ON Type    Slot   Code/Sfx      Node Name/          Mask                 Rgn  VLAN
                                IP-Address/
                                Gateway Node
-- ------ ----- --------      ---------------     ----                 ---  ----
 y PROCR                       procr               /23                  1
                               10.129.136.20
                               10.129.136.1
 n PROCR                       procr6              /64                  1
                               ::
                               ::
 y C-LAN  01A02 TN799  D       clan-1a02           /23                  2    n
                               10.129.136.51
                               gateway
 y MEDPRO 01A14 TN2602         xf-1a14             /23                  2    n
                               10.129.136.52
                               gateway

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmListIpInterfaceAll
avCmListIpInterfaceAllOn."00000".1 = STRING: y
avCmListIpInterfaceAllOn."01A02".1 = STRING: y
```

```
avCmListIpInterfaceAllOn."01A03".1 = STRING: y
avCmListIpInterfaceAllOn."01A04".1 = STRING: y
avCmListIpInterfaceAllOn."01A06".1 = STRING: y
avCmListIpInterfaceAllOn."01A14".1 = STRING: y
avCmListIpInterfaceAllType."00000".1 = STRING: PROCR
avCmListIpInterfaceAllType."01A02".1 = STRING: C-LAN
avCmListIpInterfaceAllType."01A03".1 = STRING: MEDPRO
avCmListIpInterfaceAllType."01A04".1 = STRING: MEDPRO
avCmListIpInterfaceAllType."01A06".1 = STRING: MEDPRO
avCmListIpInterfaceAllType."01A14".1 = STRING: MEDPRO
avCmListIpInterfaceAllSlot."00000".1 = STRING: 00000
avCmListIpInterfaceAllSlot."01A02".1 = STRING: 01A02
avCmListIpInterfaceAllSlot."01A03".1 = STRING: 01A03
avCmListIpInterfaceAllSlot."01A04".1 = STRING: 01A04
avCmListIpInterfaceAllSlot."01A06".1 = STRING: 01A06
avCmListIpInterfaceAllSlot."01A14".1 = STRING: 01A14
avCmListIpInterfaceAllCode."00000".1 = STRING:
avCmListIpInterfaceAllCode."01A02".1 = STRING: TN799
avCmListIpInterfaceAllCode."01A03".1 = STRING: TN2302
avCmListIpInterfaceAllCode."01A04".1 = STRING: TN2302
avCmListIpInterfaceAllCode."01A06".1 = STRING: TN2602
avCmListIpInterfaceAllCode."01A14".1 = STRING: TN2602
avCmListIpInterfaceAllSfx."00000".1 = STRING:
avCmListIpInterfaceAllSfx."01A02".1 = STRING: D
avCmListIpInterfaceAllSfx."01A03".1 = STRING:
avCmListIpInterfaceAllSfx."01A04".1 = STRING:
avCmListIpInterfaceAllSfx."01A06".1 = STRING:
avCmListIpInterfaceAllSfx."01A14".1 = STRING:
avCmListIpInterfaceAllNodeName."00000".1 = STRING: procr
avCmListIpInterfaceAllNodeName."01A02".1 = STRING: clan-1a02
avCmListIpInterfaceAllNodeName."01A03".1 = STRING: pr-1a03
avCmListIpInterfaceAllNodeName."01A04".1 = STRING: pr-1a04
avCmListIpInterfaceAllNodeName."01A06".1 = STRING: xf-1a06
avCmListIpInterfaceAllNodeName."01A14".1 = STRING: xf-1a14
avCmListIpInterfaceAllMask."00000".1 = STRING: 23
avCmListIpInterfaceAllMask."01A02".1 = STRING: 23
avCmListIpInterfaceAllMask."01A03".1 = STRING: 23
avCmListIpInterfaceAllMask."01A04".1 = STRING: 23
avCmListIpInterfaceAllMask."01A06".1 = STRING: 23
avCmListIpInterfaceAllMask."01A14".1 = STRING: 23
avCmListIpInterfaceAllNetRgn."00000".1 = INTEGER: 1
avCmListIpInterfaceAllNetRgn."01A02".1 = INTEGER: 2
avCmListIpInterfaceAllNetRgn."01A03".1 = INTEGER: 3
avCmListIpInterfaceAllNetRgn."01A04".1 = INTEGER: 4
avCmListIpInterfaceAllNetRgn."01A06".1 = INTEGER: 1
avCmListIpInterfaceAllNetRgn."01A14".1 = INTEGER: 2
avCmListIpInterfaceAllVlan."00000".1 = STRING:
avCmListIpInterfaceAllVlan."01A02".1 = STRING: n
avCmListIpInterfaceAllVlan."01A03".1 = STRING: n
avCmListIpInterfaceAllVlan."01A04".1 = STRING: n
avCmListIpInterfaceAllVlan."01A06".1 = STRING: n
avCmListIpInterfaceAllVlan."01A14".1 = STRING: n
avCmListIpInterfaceAllIpAddress."00000".1 = STRING: 10.129.136.20
avCmListIpInterfaceAllIpAddress."01A02".1 = STRING: 10.129.136.51
avCmListIpInterfaceAllIpAddress."01A03".1 = STRING: 10.129.136.54
avCmListIpInterfaceAllIpAddress."01A04".1 = STRING: 10.129.136.55
avCmListIpInterfaceAllIpAddress."01A06".1 = STRING: 10.129.136.53
avCmListIpInterfaceAllIpAddress."01A14".1 = STRING: 10.129.136.52
avCmListIpInterfaceAllGatewayNode."00000".1 = STRING: 10.129.136.1
avCmListIpInterfaceAllGatewayNode."01A02".1 = STRING: gateway
avCmListIpInterfaceAllGatewayNode."01A03".1 = STRING: gateway
avCmListIpInterfaceAllGatewayNode."01A04".1 = STRING: gateway
avCmListIpInterfaceAllGatewayNode."01A06".1 = STRING: gateway
avCmListIpInterfaceAllGatewayNode."01A14".1 = STRING: gateway
avCmListIpInterfaceAllOn2."00000".1 = STRING:
```

```
avCmListIpInterfaceAllOn2."01A02".1 = STRING:
avCmListIpInterfaceAllOn2."01A03".1 = STRING:
avCmListIpInterfaceAllOn2."01A04".1 = STRING:
avCmListIpInterfaceAllOn2."01A06".1 = STRING:
avCmListIpInterfaceAllOn2."01A14".1 = STRING:
avCmListIpInterfaceAllType2."00000".1 = STRING:
avCmListIpInterfaceAllType2."01A02".1 = STRING:
avCmListIpInterfaceAllType2."01A03".1 = STRING:
avCmListIpInterfaceAllType2."01A04".1 = STRING:
avCmListIpInterfaceAllType2."01A06".1 = STRING:
avCmListIpInterfaceAllType2."01A14".1 = STRING:
avCmListIpInterfaceAllSlot2."00000".1 = STRING:
avCmListIpInterfaceAllSlot2."01A02".1 = STRING:
avCmListIpInterfaceAllSlot2."01A03".1 = STRING:
avCmListIpInterfaceAllSlot2."01A04".1 = STRING:
avCmListIpInterfaceAllSlot2."01A06".1 = STRING:
avCmListIpInterfaceAllSlot2."01A14".1 = STRING:
avCmListIpInterfaceAllCode2."00000".1 = STRING:
avCmListIpInterfaceAllCode2."01A02".1 = STRING:
avCmListIpInterfaceAllCode2."01A03".1 = STRING:
avCmListIpInterfaceAllCode2."01A04".1 = STRING:
avCmListIpInterfaceAllCode2."01A06".1 = STRING:
avCmListIpInterfaceAllCode2."01A14".1 = STRING:
avCmListIpInterfaceAllSfx2."00000".1 = STRING:
avCmListIpInterfaceAllSfx2."01A02".1 = STRING:
avCmListIpInterfaceAllSfx2."01A03".1 = STRING:
avCmListIpInterfaceAllSfx2."01A04".1 = STRING:
avCmListIpInterfaceAllSfx2."01A06".1 = STRING:
avCmListIpInterfaceAllSfx2."01A14".1 = STRING:
avCmListIpInterfaceAllNodeName2."00000".1 = STRING:
avCmListIpInterfaceAllNodeName2."01A02".1 = STRING:
avCmListIpInterfaceAllNodeName2."01A03".1 = STRING:
avCmListIpInterfaceAllNodeName2."01A04".1 = STRING:
avCmListIpInterfaceAllNodeName2."01A06".1 = STRING:
avCmListIpInterfaceAllNodeName2."01A14".1 = STRING:
avCmListIpInterfaceAllMask2."00000".1 = STRING:
avCmListIpInterfaceAllMask2."01A02".1 = STRING:
avCmListIpInterfaceAllMask2."01A03".1 = STRING:
avCmListIpInterfaceAllMask2."01A04".1 = STRING:
avCmListIpInterfaceAllMask2."01A06".1 = STRING:
avCmListIpInterfaceAllMask2."01A14".1 = STRING:
avCmListIpInterfaceAllNetRgn2."00000".1 = INTEGER: 0
avCmListIpInterfaceAllNetRgn2."01A02".1 = INTEGER: 0
avCmListIpInterfaceAllNetRgn2."01A03".1 = INTEGER: 0
avCmListIpInterfaceAllNetRgn2."01A04".1 = INTEGER: 0
avCmListIpInterfaceAllNetRgn2."01A06".1 = INTEGER: 0
avCmListIpInterfaceAllNetRgn2."01A14".1 = INTEGER: 0
avCmListIpInterfaceAllVlan2."00000".1 = STRING:
avCmListIpInterfaceAllVlan2."01A02".1 = STRING:
avCmListIpInterfaceAllVlan2."01A03".1 = STRING:
avCmListIpInterfaceAllVlan2."01A04".1 = STRING:
avCmListIpInterfaceAllVlan2."01A06".1 = STRING:
avCmListIpInterfaceAllVlan2."01A14".1 = STRING:
avCmListIpInterfaceAllIpAddress2."00000".1 = STRING:
avCmListIpInterfaceAllIpAddress2."01A02".1 = STRING:
avCmListIpInterfaceAllIpAddress2."01A03".1 = STRING:
avCmListIpInterfaceAllIpAddress2."01A04".1 = STRING:
avCmListIpInterfaceAllIpAddress2."01A06".1 = STRING:
avCmListIpInterfaceAllIpAddress2."01A14".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."00000".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."01A02".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."01A03".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."01A04".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."01A06".1 = STRING:
avCmListIpInterfaceAllGatewayNode2."01A14".1 = STRING:
```

# avCmListIpInterfaceMedpro Group

| MIB group name | OID | Type |
|---|---|---|
| `avCmListIpInterfaceMedpro Group` | enterprises.6889.2.73.8.1.91 | Table |

### Description

The avCmListIpInterfaceMedpro MIB Group uses the **`list ip-interface medpro`** command to retrieve media-processor ip-interface data.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListIpInterfaceMedpro Group | SAT | **`list ip-interface medpro`** | IP INTERFACES |

### Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*, 03-300509This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIpInterfaceMedproTable | .1 | n/a | AvCmListIpInterfaceMedproEntry | n/a | A list of the avCmListIpInterfaceMedpro entries |
| avCmListIpInterfaceMedproEntry | .1.1 | n/a | AvCmListIpInterfaceMedproEntry | n/a | A avCmListIpInterfaceMedpro entry containing objects of the avCmListIpInterfaceMedpro information sent by the switch. |
| avCmListIpInterfaceMedproSlotIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..6)) | n/a | An object that uniquely identifies each Increment of data. |
| avCmListIpInterfaceMedproIdx | .1.1.2 | n/a | Integer32 (0..9999) | n/a | An object that uniquely identifies each Increment of data. |
| avCmListIpInterfaceMedproOn | .1.1.3 | R | SnmpAdminString (SIZE (0..2)) | ON | An object containing whether the ip-interface is enabled. |
| avCmListIpInterfaceMedproType<br>IP INTERFACES | .1.1.4 | R | SnmpAdminString (SIZE (0..7)) | ON | An object containing the type of ip-interface. |
| avCmListIpInterfaceMedproSlot<br>IP INTERFACES | .1.1.5 | R | SnmpAdminString (SIZE (0..6)) | Type | An object containing the slot where the ip-interface resides. |
| avCmListIpInterfaceMedproCode<br>IP INTERFACES | .1.1.6 | R | SnmpAdminString (SIZE (0..7)) | Slot | An object containing the TN code of the board. |
| avCmListIpInterfaceMedproSfx<br>IP INTERFACES | .1.1.7 | R | SnmpAdminString (SIZE (0..2)) | Code/ | An object containing the suffix of the board. |
| avCmListIpInterfaceMedproNodeName<br>IP INTERFACES | .1.1.8 | R | SnmpAdminString (SIZE (0..4)) | Node Name | An object containing the mask of the ip-interface. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIpInterfaceMedproMask<br>IP INTERFACES | .1.1.9 | R | Integer32 (0..9999) | Mask | Field that displays network region used by the ip-interface. |
| avCmListIpInterfaceMedproNetRgn<br>IP INTERFACES | .1.1.10 | R | SnmpAdminString (SIZE (0..5)) | Net Rgn | Field that displays the virual lan used by the ip-interface. |
| avCmListIpInterfaceMedproVlan<br>IP INTERFACES | .1.1.11 | R | SnmpAdminString (SIZE (0..41)) | VLAN | The virtual node associated with the ip-interface. |
| avCmListIpInterfaceMedproVirtualNode<br>IP INTERFACES | .1.1.12 | R | SnmpAdminString (SIZE (0..41)) | Virtual Node | The IP Address associated with the ip-interface. |
| avCmListIpInterfaceMedproIpAddress<br>IP INTERFACES | .1.1.13 | R | SnmpAdminString (SIZE (0..41)) | IP Address | The IP Address associated with the ip-interface. |
| avCmListIpInterfaceMedproGatewayNode<br>IP INTERFACES | .1.1.14 | R | SnmpAdminString (SIZE (0..41)) | IP Address | The IP Address associated with the ip-interface. |
| avCmListIpInterfaceMedproOn2<br>IP INTERFACES | .1.1.15 | R | SnmpAdminString (SIZE (0..2)) | ON | An object containing whether the duplicate ip-interface is enabled. |
| avCmListIpInterfaceMedproType2<br>IP INTERFACES | .1.1.16 | R | SnmpAdminString (SIZE (0..7)) | Type | An object containing the type of the duplicate ip-interface. |
| avCmListIpInterfaceMedproSlot2<br>IP INTERFACES | .1.1.17 | R | SnmpAdminString (SIZE (0..6)) | Slot | An object containing the slot where the duplicate ip-interface resides. |
| avCmListIpInterfaceMedproCode2<br>IP INTERFACES | .1.1.18 | R | SnmpAdminString (SIZE (0..7)) | Code/ | An object containing the TN code of the duplicate board. |
| avCmListIpInterfaceMedproSfx2<br>IP INTERFACES | .1.1.19 | R | SnmpAdminString (SIZE (0..2)) | Sfx | An object containing the suffix of the duplicate board. |
| avCmListIpInterfaceMedproNodeName2<br>IP INTERFACES | .1.1.20 | R | SnmpAdminString (SIZE (0..16)) | Node Name | An object containing the Node Name used by the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | duplicate ip-intereface. |
| avCmListIpInterfaceMedproMask2<br>IP INTERFACES | .1.1.21 | R | SnmpAdminString (SIZE (0..4)) | Mask | An object containing the mask of the ip-interface. |
| avCmListIpInterfaceMedproNetRgn2<br>IP INTERFACES | .1.1.22 | R | Integer32 (0..9999) | Net Rgn | Field that displays network region used by the ip-interface. |
| avCmListIpInterfaceMedproVlan2<br>IP INTERFACES | .1.1.23 | R | SnmpAdminString (SIZE (0..5)) | VLAN | Field that displays the virual lan used by the ip-interface. |
| avCmListIpInterfaceMedproVirtualNode2<br>IP INTERFACES | .1.1.24 | R | SnmpAdminString (SIZE (0..41)) | Virtual Node | The virtual node associated with the ip-interface. |
| avCmListIpInterfaceMedproIpAddress2<br>IP INTERFACES | .1.1.25 | R | SnmpAdminString (SIZE (0..41)) | IP Address | The IP Address associated with the ip-interface. |
| avCmListIpInterfaceMedproGatewayNode2<br>IP INTERFACES | .1.1.26 | R | SnmpAdminString (SIZE (0..41)) | IP Address | The IP Address associated with the ip-interface. |

## Sample output of forms

```
list ip-interface medpro

                                IP INTERFACES

                                                                    Net
ON Slot  Code/Sfx Node Name/      Mask Gateway Node    Rgn VLAN Virtual Node
                  IP-Address
-- ----- -------- -------------- ---- -------------- --- ---- --------------
 y 01A14 TN2602   xf-1a14        /23  gateway        2   n
                  10.129.136.52
 y 01A06 TN2602   xf-1a06        /23  gateway        1   n
                  10.129.136.53
 y 01A03 TN2302   pr-1a03        /23  gateway        3   n
                  10.129.136.54
 y 01A04 TN2302   pr-1a04        /23  gateway        4   n
                  10.129.136.55

Command successfully completed
Command:
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmListIpInterfaceMedpro
avCmListIpInterfaceMedproOn."01A03".1 = STRING: y
avCmListIpInterfaceMedproOn."01A04".1 = STRING: y
avCmListIpInterfaceMedproOn."01A06".1 = STRING: y
avCmListIpInterfaceMedproOn."01A14".1 = STRING: y
avCmListIpInterfaceMedproType."01A03".1 = STRING:
avCmListIpInterfaceMedproType."01A04".1 = STRING:
avCmListIpInterfaceMedproType."01A06".1 = STRING:
avCmListIpInterfaceMedproType."01A14".1 = STRING:
avCmListIpInterfaceMedproSlot."01A03".1 = STRING: 01A03
avCmListIpInterfaceMedproSlot."01A04".1 = STRING: 01A04
avCmListIpInterfaceMedproSlot."01A06".1 = STRING: 01A06
avCmListIpInterfaceMedproSlot."01A14".1 = STRING: 01A14
avCmListIpInterfaceMedproCode."01A03".1 = STRING: TN2302
avCmListIpInterfaceMedproCode."01A04".1 = STRING: TN2302
avCmListIpInterfaceMedproCode."01A06".1 = STRING: TN2602
avCmListIpInterfaceMedproCode."01A14".1 = STRING: TN2602
avCmListIpInterfaceMedproSfx."01A03".1 = STRING:
avCmListIpInterfaceMedproSfx."01A04".1 = STRING:
avCmListIpInterfaceMedproSfx."01A06".1 = STRING:
avCmListIpInterfaceMedproSfx."01A14".1 = STRING:
avCmListIpInterfaceMedproNodeName."01A03".1 = STRING: pr-1a03
avCmListIpInterfaceMedproNodeName."01A04".1 = STRING: pr-1a04
avCmListIpInterfaceMedproNodeName."01A06".1 = STRING: xf-1a06
avCmListIpInterfaceMedproNodeName."01A14".1 = STRING: xf-1a14
avCmListIpInterfaceMedproMask."01A03".1 = STRING: 23
avCmListIpInterfaceMedproMask."01A04".1 = STRING: 23
avCmListIpInterfaceMedproMask."01A06".1 = STRING: 23
avCmListIpInterfaceMedproMask."01A14".1 = STRING: 23
avCmListIpInterfaceMedproNetRgn."01A03".1 = INTEGER: 3
avCmListIpInterfaceMedproNetRgn."01A04".1 = INTEGER: 4
avCmListIpInterfaceMedproNetRgn."01A06".1 = INTEGER: 1
avCmListIpInterfaceMedproNetRgn."01A14".1 = INTEGER: 2
avCmListIpInterfaceMedproVlan."01A03".1 = STRING: n
avCmListIpInterfaceMedproVlan."01A04".1 = STRING: n
avCmListIpInterfaceMedproVlan."01A06".1 = STRING: n
avCmListIpInterfaceMedproVlan."01A14".1 = STRING: n
avCmListIpInterfaceMedproVirtualNode."01A03".1 = STRING:
avCmListIpInterfaceMedproVirtualNode."01A04".1 = STRING:
avCmListIpInterfaceMedproVirtualNode."01A06".1 = STRING:
avCmListIpInterfaceMedproVirtualNode."01A14".1 = STRING:
avCmListIpInterfaceMedproIpAddress."01A03".1 = STRING: 10.129.136.54
avCmListIpInterfaceMedproIpAddress."01A04".1 = STRING: 10.129.136.55
avCmListIpInterfaceMedproIpAddress."01A06".1 = STRING: 10.129.136.53
avCmListIpInterfaceMedproIpAddress."01A14".1 = STRING: 10.129.136.52
avCmListIpInterfaceMedproGatewayNode."01A03".1 = STRING: gateway
avCmListIpInterfaceMedproGatewayNode."01A04".1 = STRING: gateway
avCmListIpInterfaceMedproGatewayNode."01A06".1 = STRING: gateway
avCmListIpInterfaceMedproGatewayNode."01A14".1 = STRING: gateway
avCmListIpInterfaceMedproOn2."01A03".1 = STRING:
avCmListIpInterfaceMedproOn2."01A04".1 = STRING:
avCmListIpInterfaceMedproOn2."01A06".1 = STRING:
avCmListIpInterfaceMedproOn2."01A14".1 = STRING:
avCmListIpInterfaceMedproType2."01A03".1 = STRING:
avCmListIpInterfaceMedproType2."01A04".1 = STRING:
avCmListIpInterfaceMedproType2."01A06".1 = STRING:
avCmListIpInterfaceMedproType2."01A14".1 = STRING:
avCmListIpInterfaceMedproSlot2."01A03".1 = STRING:
avCmListIpInterfaceMedproSlot2."01A04".1 = STRING:
avCmListIpInterfaceMedproSlot2."01A06".1 = STRING:
avCmListIpInterfaceMedproSlot2."01A14".1 = STRING:
avCmListIpInterfaceMedproCode2."01A03".1 = STRING:
```

```
avCmListIpInterfaceMedproCode2."01A04".1 = STRING:
avCmListIpInterfaceMedproCode2."01A06".1 = STRING:
avCmListIpInterfaceMedproCode2."01A14".1 = STRING:
avCmListIpInterfaceMedproSfx2."01A03".1 = STRING:
avCmListIpInterfaceMedproSfx2."01A04".1 = STRING:
avCmListIpInterfaceMedproSfx2."01A06".1 = STRING:
avCmListIpInterfaceMedproSfx2."01A14".1 = STRING:
avCmListIpInterfaceMedproNodeName2."01A03".1 = STRING:
avCmListIpInterfaceMedproNodeName2."01A04".1 = STRING:
avCmListIpInterfaceMedproNodeName2."01A06".1 = STRING:
avCmListIpInterfaceMedproNodeName2."01A14".1 = STRING:
avCmListIpInterfaceMedproMask2."01A03".1 = STRING:
avCmListIpInterfaceMedproMask2."01A04".1 = STRING:
avCmListIpInterfaceMedproMask2."01A06".1 = STRING:
avCmListIpInterfaceMedproMask2."01A14".1 = STRING:
avCmListIpInterfaceMedproNetRgn2."01A03".1 = INTEGER: 0
avCmListIpInterfaceMedproNetRgn2."01A04".1 = INTEGER: 0
avCmListIpInterfaceMedproNetRgn2."01A06".1 = INTEGER: 0
avCmListIpInterfaceMedproNetRgn2."01A14".1 = INTEGER: 0
avCmListIpInterfaceMedproVlan2."01A03".1 = STRING:
avCmListIpInterfaceMedproVlan2."01A04".1 = STRING:
avCmListIpInterfaceMedproVlan2."01A06".1 = STRING:
avCmListIpInterfaceMedproVlan2."01A14".1 = STRING:
avCmListIpInterfaceMedproVirtualNode2."01A03".1 = STRING:
avCmListIpInterfaceMedproVirtualNode2."01A04".1 = STRING:
avCmListIpInterfaceMedproVirtualNode2."01A06".1 = STRING:
avCmListIpInterfaceMedproVirtualNode2."01A14".1 = STRING:
avCmListIpInterfaceMedproIpAddress2."01A03".1 = STRING:
avCmListIpInterfaceMedproIpAddress2."01A04".1 = STRING:
avCmListIpInterfaceMedproIpAddress2."01A06".1 = STRING:
avCmListIpInterfaceMedproIpAddress2."01A14".1 = STRING:
avCmListIpInterfaceMedproGatewayNode2."01A03".1 = STRING:
avCmListIpInterfaceMedproGatewayNode2."01A04".1 = STRING:
avCmListIpInterfaceMedproGatewayNode2."01A06".1 = STRING:
avCmListIpInterfaceMedproGatewayNode2."01A14".1 = STRING:
```

# avCmStatusMedproBrd

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusMedproBrd Group | enterprises.6889.2.73.8.1.92 | Table |

### Description

The avCmStatusMedproBrd MIB Group uses the **`list ip-interface medpro`** command to retrieve media-processor ip-interface status data.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

Not more than once a day.

### Default Caching Interval

300 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Red/High: The data collected by this MIB Group will increase as the number of boards in the system increase. Consequently the data collected by this MIB Group could be very large and therefore may take a very long time to collect and could impact system performance.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusMedproBrd Group | SAT | `status medpro board` | MEDIA-PROCESSOR STATUS |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedproBrd Table | .1 | n/a | AvCmStatusMedpro BrdEntry | n/a | A list of the avCmStatusMedpro Brd entries |
| avCmStatusMedproBrd Entry | .1.1 | n/a | AvCmStatusMedpro BrdEntry | n/a | A avCmStatusMedpro Brd entry containing objects of the avCmStatusMedpro Brd information sent by the switch. |
| avCmStatusMedproBrd BoardLocIdx | . 1.1.1 | n/a | SnmpAdminString (SIZE (0..6)) | n/a | An object that uniquely identifies each Increment of data. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedproBrd BoardLoc<br>MEDIA-PROCESSOR STATUS | . 1.1.2 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing whether the ip-interface is located. |
| avCmStatusMedproBrd State<br>MEDIA-PROCESSOR STATUS | . 1.1.3 | R | SnmpAdminString (SIZE (0..8)) | State | A DisplayString Object that contains state of the media processor board (values can be 'active', 'standby' or 'init'). |
| avCmStatusMedproBrd NodeName<br>MEDIA-PROCESSOR STATUS | . 1.1.4 | R | SnmpAdminString (SIZE (0..16)) | Node Name | A DisplayString Object that contains the node name for the media processor board. |
| avCmStatusMedproBrdIpAddess<br>MEDIA-PROCESSOR STATUS | . 1.1.5 | R | SnmpAdminString (SIZE (0..20)) | IP Address | A DisplayString Object that contains the IPV4 address for the media processor board. |
| avCmStatusMedproBrd SubnetMask<br>MEDIA-PROCESSOR STATUS | . 1.1.6 | R | SnmpAdminString (SIZE (0..16)) | Subnet Mask | Object that contains the IPV4 subnet mask for the media processor board. |
| avCmStatusMedproBrd GatewayAddr<br>MEDIA-PROCESSOR STATUS | . 1.1.7 | R | SnmpAdminString (SIZE (0..17)) | Gateway Adress | An object containing the Gateway Address of the media processor board. |
| avCmStatusMedproBrd<br>MEDIA-PROCESSOR STATUS | . 1.1.8 | R | SnmpAdminString (SIZE (0..19)) | MAC Adress | Field that displays the MAC Address used by the media processor board. |
| avCmStatusMedproBrd EtherEnabled<br>MEDIA-PROCESSOR STATUS | . 1.1.9 | R | SnmpAdminString (SIZE (0..4)) | Ethernet Enabled | A DisplayString Object that designates whether or not the IP interface is enabled (yes or no) for the media processor board. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedproBrdDSPChanStatus1<br>MEDIA-PROCESSOR STATUS | .1.1.10 | R | SnmpAdminString (SIZE (0..36)) | DSP 1 Channel Status | A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board). |
| avCmStatusMedproBrdDSPChanStatus2<br>MEDIA-PROCESSOR STATUS | .1.1.11 | R | SnmpAdminString (SIZE (0..36)) | DSP 2 Channel Status | A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board). |
| avCmStatusMedproBrdDSPChanStatus3<br>MEDIA-PROCESSOR STATUS | .1.1.12 | R | SnmpAdminString (SIZE (0..36)) | DSP 3 Channel Status | A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board). |
| avCmStatusMedproBrdDSPChanStatus4<br>MEDIA-PROCESSOR STATUS | .1.1.13 | R | SnmpAdminString (SIZE (0..36)) | DSP 4 Channel Status | A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board). |
| avCmStatusMedproBrdDupDSPChanStatus5<br>MEDIA-PROCESSOR STATUS | .1.1.14 | R | SnmpAdminString (SIZE (0..36)) | DSP 5 Channel Status | A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board). |
| avCmStatusMedproBrdDupDSPChanStatus6<br>MEDIA-PROCESSOR STATUS | .1.1.15 | R | SnmpAdminString (SIZE (0..36)) | DSP 6 Channel Status | A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board). |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedproBrd DupDSPChanStatus7<br>MEDIA-PROCESSOR STATUS | .1.1.16 | R | SnmpAdminString (SIZE (0..36)) | DSP 7 Channel Status | A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board). |
| avCmStatusMedproBrd DupDSPChanStatus8<br>MEDIA-PROCESSOR STATUS | .1.1.17 | R | SnmpAdminString (SIZE (0..36)) | DSP 8 Channel Status | A DisplayString Object that contains the service state of the respective DSP resource (for the media processor board). |
| avCmStatusMedproBrd NetworkRegion<br>MEDIA-PROCESSOR STATUS | .1.1.18 | R | SnmpAdminString (SIZE (0..5)) | Network Region | A DisplayString Object that contains the network region for the media processor board. |
| avCmStatusMedproBrd DupNetworkRegion<br>MEDIA-PROCESSOR STATUS | .1.1.19 | R | SnmpAdminString (SIZE (0..5)) | Duplicate Network Region | A DisplayString Object that contains the alternate network region number for the media processor board. |
| avCmStatusMedproBrd StandbyRefreshed<br>MEDIA-PROCESSOR STATUS | .1.1.20 | R | SnmpAdminString (SIZE (0..4)) | Standby Refreshed | Object that indicates whether the standby board in a duplicated pair of media processor boards is in sync with the active board (yes or no). |
| avCmStatusMedproBrd SharedIP<br>MEDIA-PROCESSOR STATUS | .1.1.21 | R | SnmpAdminString (SIZE (0..17)) | Shared IP Address | Object that contains the shared virtual IP address between two duplicated media processor boards. |
| avCmStatusMedproBrd SharedVirtMAC<br>MEDIA-PROCESSOR STATUS | .1.1.22 | R | SnmpAdminString (SIZE (0..19)) | Type | Object that contains the shared virtual MAC address between two |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | duplicated media processor boards. |
| avCmStatusMedproBrdDupBoardLoc<br>MEDIA-PROCESSOR STATUS | .1.1.23 | R | SnmpAdminString (SIZE (0..6)) | Board Loc | An object containing the location where the duplicate media processor resides. |
| avCmStatusMedproBrdDupState<br>MEDIA-PROCESSOR STATUS | .1.1.24 | R | SnmpAdminString (SIZE (0..8)) | State | DisplayString Object that contains state of the duplicate media processor board (values can be 'active', 'standby' or 'init'). |
| avCmStatusMedproBrdDupNodeName<br>MEDIA-PROCESSOR STATUS | .1.1.25 | R | SnmpAdminString (SIZE (0..16)) | Node Name | Object that contains the node name for the duplicate media processor board. |
| avCmStatusMedproBrdDupIpAddess<br>MEDIA-PROCESSOR STATUS | .1.1.26 | R | SnmpAdminString (SIZE (0..20)) | IP Address | A DisplayString Object that contains the IPV4 address for the duplicated media processor board. |
| avCmStatusMedproBrdDupSubnetMask<br>MEDIA-PROCESSOR STATUS | .1.1.27 | R | SnmpAdminString (SIZE (0..16)) | Subnet Mask | Object that contains the IPV4 subnet mask for the duplicated media processor board. |
| avCmStatusMedproBrdDupGatewayAddr<br>MEDIA-PROCESSOR STATUS | .1.1.28 | R | SnmpAdminString (SIZE (0..17)) | Gateway Address | An object containing the Gateway Address of the duplicated media processor board. |
| avCmStatusMedproBrdDupMACAddress<br>MEDIA-PROCESSOR STATUS | .1.1.29 | R | SnmpAdminString (SIZE (0..19)) | MAC Address | Field that displays the MAC Address used by the duplicated media processor board. |
| avCmStatusMedproBrdDupEtherEnabled<br>MEDIA-PROCESSOR STATUS | .1.1.30 | R | SnmpAdminString (SIZE (0..4)) | Ethernet Enabled | A DisplayString Object that designates whether or not the IP interface is enabled |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | (yes or no) for the duplicatedmedia processor board. |
| avCmStatusMedproBrd LinkMPCL<br>MEDIA-PROCESSOR STATUS | .1.1.3.1 | R | SnmpAdminString (SIZE (0..3)) | Link MPCL | Object that indicates the status of the Media Processor Control Link ('up' or 'dn') for the media processor board. |
| avCmStatusMedproBrd LinkEth<br>MEDIA-PROCESSOR STATUS | .1.1.3.2 | R | SnmpAdminString (SIZE (0..3)) | Link ETH | Object that indicates the status of the Ethernet Link ('up' or 'dn') for the media processor board. |
| avCmStatusMedproBrd LinkPeer<br>MEDIA-PROCESSOR STATUS | .1.1.3.3 | R | SnmpAdminString (SIZE (0..3)) | Link Peer | A DisplayString Object that indicates the status of the Peer Link ('up' or 'dn') for the media processor board. |
| avCmStatusMedproBrd AlarmMaj<br>MEDIA-PROCESSOR STATUS | .1.1.3.4 | R | SnmpAdminString (SIZE (0..3)) | Alarms MAJ | Object that indicates the number of major alarms active on the media processor board. |
| avCmStatusMedproBrd AlarmMin<br>MEDIA-PROCESSOR STATUS | .1.1.3.5 | R | SnmpAdminString (SIZE (0..3)) | Alarms MIN | Object that indicates the number of minor alarms active on the media processor board. |
| avCmStatusMedproBrd AlarmWrn<br>MEDIA-PROCESSOR STATUS | .1.1.3.6 | R | SnmpAdminString (SIZE (0..3)) | Alarms WRN | Object that indicates the number of warning active on the media processor board. |
| avCmStatusMedproBrd DupLinkMPCL<br>MEDIA-PROCESSOR STATUS | .1.1.3.7 | R | SnmpAdminString (SIZE (0..3)) | Dup Link MPCL | Object that indicates the status of the Media Processor Control Link ('up' or 'dn') for the duplicate media processor board. |

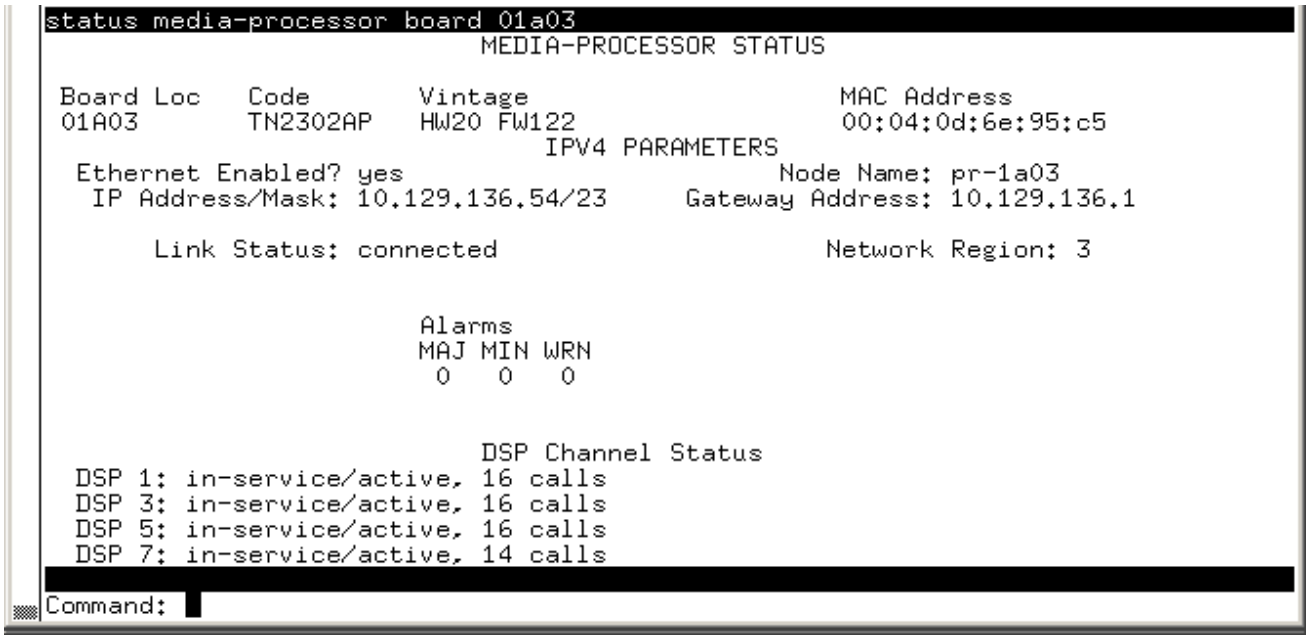
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedproBrdDupLinkEth<br>MEDIA-PROCESSOR STATUS | .1.1.38 | R | SnmpAdminString (SIZE (0..3)) | Dup Link ETH | Object that indicates the status of the Ethernet Link ('up' or 'dn') for the duplicate media processor board. |
| avCmStatusMedproBrdDupLinkPeer<br>MEDIA-PROCESSOR STATUS | .1.1.39 | R | SnmpAdminString (SIZE (0..3)) | Dup Link Peer | Object that indicates the status of the Peer Link ('up' or 'dn') for the duplicate media processor board. |
| avCmStatusMedproBrdDupAlarmMaj<br>MEDIA-PROCESSOR STATUS | .1.1.40 | R | SnmpAdminString (SIZE (0..3)) | Dup Alarm MAJ | Object that indicates the number of major alarms active on the duplicate media processor board. |
| avCmStatusMedproBrdDupAlarmMin<br>MEDIA-PROCESSOR STATUS | .1.1.41 | R | SnmpAdminString (SIZE (0..3)) | Dup Alarm MIN | Object that indicates the number of major alarms active on the duplicate media processor board. |
| avCmStatusMedproBrdDupAlarmWrn<br>MEDIA-PROCESSOR STATUS | .1.1.42 | R | SnmpAdminString (SIZE (0..3)) | Alarm WRN | Object that indicates the number of major alarms active on the duplicate media processor board. |
| avCmStatusMedproBrdLocked<br>MEDIA-PROCESSOR STATUS | .1.1.43 | R | SnmpAdminString (SIZE (0..4)) | Locked | Object that indicates whether the set medpro override and lock command argument is in use (yes or no). |
| avCmStatusMedproBrdIPV6Address<br>MEDIA-PROCESSOR STATUS | .1.1.44 | R | SnmpAdminString (SIZE (0..45)) | IPV6 Address | Object that contains the source IPV6 address for the media processor board. |
| avCmStatusMedproBrdIPV6SubnetMask<br>MEDIA-PROCESSOR STATUS | .1.1.45 | R | SnmpAdminString (SIZE (0..4)) | IPV6 Subnet Mask | Object that contains the IPV6 subnet mask for the media processor board. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusMedproBrdIPV6GatewayAddr<br>MEDIA-PROCESSOR STATUS | .1.1.46 | R | SnmpAdminString (SIZE (0..41)) | IPV6 Gateway Address | Object that contains the IPV6 gateway address for the media processor board. |
| avCmStatusMedproBrdIPV6NodeName<br>MEDIA-PROCESSOR STATUS | .1.1.47 | R | SnmpAdminString (SIZE (0..16)) | IPV6 Node Name | The IPV6 Node Name associated with the ip-interface. |
| avCmStatusMedproBrdIPV6EtherEnable<br>MEDIA-PROCESSOR STATUS | .1.1.48 | R | SnmpAdminString (SIZE (0..4)) | IPV6 Ethernet Enabled | The IPV6 Ethernet Enabled associated with the media processor. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibss/
AVAYA-AURA-CM-MIB.txt avCmStatusMedproBrd
avCmStatusMedproBrdBoardLoc."01A03" = STRING: 01A03
avCmStatusMedproBrdBoardLoc."01A04" = STRING: 01A04
avCmStatusMedproBrdBoardLoc."01A06" = STRING: 01A06
avCmStatusMedproBrdBoardLoc."01A14" = STRING: 01A14
avCmStatusMedproBrdState."01A03" = STRING:
avCmStatusMedproBrdState."01A04" = STRING:
avCmStatusMedproBrdState."01A06" = STRING: active
avCmStatusMedproBrdState."01A14" = STRING: active
avCmStatusMedproBrdNodeName."01A03" = STRING: pr-1a03
avCmStatusMedproBrdNodeName."01A04" = STRING: pr-1a04
```

```
avCmStatusMedproBrdNodeName."01A06" = STRING: xf-1a06
avCmStatusMedproBrdNodeName."01A14" = STRING: xf-1a14
avCmStatusMedproBrdIpAddess."01A03" = STRING: 10.129.136.54/23
avCmStatusMedproBrdIpAddess."01A04" = STRING: 10.129.136.55/23
avCmStatusMedproBrdIpAddess."01A06" = STRING: 10.129.136.53/23
avCmStatusMedproBrdIpAddess."01A14" = STRING: 10.129.136.52/23
avCmStatusMedproBrdSubnetMask."01A03" = STRING: /23
avCmStatusMedproBrdSubnetMask."01A04" = STRING: /23
avCmStatusMedproBrdSubnetMask."01A06" = STRING: /23
avCmStatusMedproBrdSubnetMask."01A14" = STRING: /23
avCmStatusMedproBrdGatewayAddr."01A03" = STRING: 10.129.136.1
avCmStatusMedproBrdGatewayAddr."01A04" = STRING: 10.129.136.1
avCmStatusMedproBrdGatewayAddr."01A06" = STRING: 10.129.136.1
avCmStatusMedproBrdGatewayAddr."01A14" = STRING: 10.129.136.1
avCmStatusMedproBrdMACAddress."01A03" = STRING: 00:04:0d:6e:95:c5
avCmStatusMedproBrdMACAddress."01A04" = STRING: 00:04:0d:6e:98:3a
avCmStatusMedproBrdMACAddress."01A06" = STRING: 00:1b:4f:01:c7:f8
avCmStatusMedproBrdMACAddress."01A14" = STRING: 00:07:3b:90:41:95
avCmStatusMedproBrdEtherEnabled."01A03" = STRING: yes
avCmStatusMedproBrdEtherEnabled."01A04" = STRING: yes
avCmStatusMedproBrdEtherEnabled."01A06" = STRING: yes
avCmStatusMedproBrdEtherEnabled."01A14" = STRING: yes
avCmStatusMedproBrdDSPChanStatus1."01A03" = STRING: DSP 1: in-service/active, 16 calls
avCmStatusMedproBrdDSPChanStatus1."01A04" = STRING: DSP 1: in-service/idle
avCmStatusMedproBrdDSPChanStatus1."01A06" = STRING: DSP 1: in-service/active, 23 calls
avCmStatusMedproBrdDSPChanStatus1."01A14" = STRING: DSP 1: in-service/active, 25 calls
avCmStatusMedproBrdDSPChanStatus2."01A03" = STRING: DSP 3: in-service/active, 16 calls
avCmStatusMedproBrdDSPChanStatus2."01A04" = STRING: DSP 3: in-service/idle
avCmStatusMedproBrdDSPChanStatus2."01A06" = STRING: DSP 2: in-service/active, 22 calls
avCmStatusMedproBrdDSPChanStatus2."01A14" = STRING: DSP 2: in-service/active, 24 calls
avCmStatusMedproBrdDSPChanStatus3."01A03" = STRING: DSP 5: in-service/active, 16 calls
avCmStatusMedproBrdDSPChanStatus3."01A04" = STRING: DSP 5: in-service/idle
avCmStatusMedproBrdDSPChanStatus3."01A06" = STRING:
avCmStatusMedproBrdDSPChanStatus3."01A14" = STRING: DSP 3: in-service/active, 21 calls
avCmStatusMedproBrdDSPChanStatus4."01A03" = STRING: DSP 7: in-service/active, 16 calls
avCmStatusMedproBrdDSPChanStatus4."01A04" = STRING: DSP 7: in-service/idle
avCmStatusMedproBrdDSPChanStatus4."01A06" = STRING:
avCmStatusMedproBrdDSPChanStatus4."01A14" = STRING: DSP 4: in-service/active, 25 calls
avCmStatusMedproBrdDupDSPChanStatus5."01A03" = STRING:
avCmStatusMedproBrdDupDSPChanStatus5."01A04" = STRING:
avCmStatusMedproBrdDupDSPChanStatus5."01A06" = STRING:
avCmStatusMedproBrdDupDSPChanStatus5."01A14" = STRING:
avCmStatusMedproBrdDupDSPChanStatus6."01A03" = STRING:
avCmStatusMedproBrdDupDSPChanStatus6."01A04" = STRING:
avCmStatusMedproBrdDupDSPChanStatus6."01A06" = STRING:
avCmStatusMedproBrdDupDSPChanStatus6."01A14" = STRING:
avCmStatusMedproBrdDupDSPChanStatus7."01A03" = STRING:
avCmStatusMedproBrdDupDSPChanStatus7."01A04" = STRING:
avCmStatusMedproBrdDupDSPChanStatus7."01A06" = STRING:
avCmStatusMedproBrdDupDSPChanStatus7."01A14" = STRING:
avCmStatusMedproBrdDupDSPChanStatus8."01A03" = STRING:
avCmStatusMedproBrdDupDSPChanStatus8."01A04" = STRING:
avCmStatusMedproBrdDupDSPChanStatus8."01A06" = STRING:
avCmStatusMedproBrdDupDSPChanStatus8."01A14" = STRING:
avCmStatusMedproBrdNetworkRegion."01A03" = STRING: 3
avCmStatusMedproBrdNetworkRegion."01A04" = STRING: 4
avCmStatusMedproBrdNetworkRegion."01A06" = STRING: 1
avCmStatusMedproBrdNetworkRegion."01A14" = STRING: 2
avCmStatusMedproBrdDupNetworkRegion."01A03" = STRING: 3
avCmStatusMedproBrdDupNetworkRegion."01A04" = STRING: 4
avCmStatusMedproBrdDupNetworkRegion."01A06" = STRING: 1
avCmStatusMedproBrdDupNetworkRegion."01A14" = STRING: 2
avCmStatusMedproBrdStandbyRefreshed."01A03" = STRING:
avCmStatusMedproBrdStandbyRefreshed."01A04" = STRING:
avCmStatusMedproBrdStandbyRefreshed."01A06" = STRING: no
```

```
avCmStatusMedproBrdStandbyRefreshed."01A14" = STRING: no
avCmStatusMedproBrdSharedIP."01A03" = STRING:
avCmStatusMedproBrdSharedIP."01A04" = STRING:
avCmStatusMedproBrdSharedIP."01A06" = STRING:
avCmStatusMedproBrdSharedIP."01A14" = STRING:
avCmStatusMedproBrdSharedVirtMAC."01A03" = STRING:
avCmStatusMedproBrdSharedVirtMAC."01A04" = STRING:
avCmStatusMedproBrdSharedVirtMAC."01A06" = STRING: 00:00:00:00:00:00
avCmStatusMedproBrdSharedVirtMAC."01A14" = STRING: 00:00:00:00:00:00
avCmStatusMedproBrdDupBoardLoc."01A03" = STRING:
avCmStatusMedproBrdDupBoardLoc."01A04" = STRING:
avCmStatusMedproBrdDupBoardLoc."01A06" = STRING:
avCmStatusMedproBrdDupBoardLoc."01A14" = STRING:
avCmStatusMedproBrdDupState."01A03" = STRING:
avCmStatusMedproBrdDupState."01A04" = STRING:
avCmStatusMedproBrdDupState."01A06" = STRING:
avCmStatusMedproBrdDupState."01A14" = STRING:
avCmStatusMedproBrdDupNodeName."01A03" = STRING:
avCmStatusMedproBrdDupNodeName."01A04" = STRING:
avCmStatusMedproBrdDupNodeName."01A06" = STRING:
avCmStatusMedproBrdDupNodeName."01A14" = STRING:
avCmStatusMedproBrdDupIpAddess."01A03" = STRING:
avCmStatusMedproBrdDupIpAddess."01A04" = STRING:
avCmStatusMedproBrdDupIpAddess."01A06" = STRING:
avCmStatusMedproBrdDupIpAddess."01A14" = STRING:
avCmStatusMedproBrdDupSubnetMask."01A03" = STRING:
avCmStatusMedproBrdDupSubnetMask."01A04" = STRING:
avCmStatusMedproBrdDupSubnetMask."01A06" = STRING:
avCmStatusMedproBrdDupSubnetMask."01A14" = STRING:
avCmStatusMedproBrdDupGatewayAddr."01A03" = STRING:
avCmStatusMedproBrdDupGatewayAddr."01A04" = STRING:
avCmStatusMedproBrdDupGatewayAddr."01A06" = STRING:
avCmStatusMedproBrdDupGatewayAddr."01A14" = STRING:
avCmStatusMedproBrdDupMACAddress."01A03" = STRING:
avCmStatusMedproBrdDupMACAddress."01A04" = STRING:
avCmStatusMedproBrdDupMACAddress."01A06" = STRING:
avCmStatusMedproBrdDupMACAddress."01A14" = STRING:
avCmStatusMedproBrdDupEtherEnabled."01A03" = STRING:
avCmStatusMedproBrdDupEtherEnabled."01A04" = STRING:
avCmStatusMedproBrdDupEtherEnabled."01A06" = STRING:
avCmStatusMedproBrdDupEtherEnabled."01A14" = STRING:
avCmStatusMedproBrdLinkMPCL."01A03" = STRING:
avCmStatusMedproBrdLinkMPCL."01A04" = STRING:
avCmStatusMedproBrdLinkMPCL."01A06" = STRING: up
avCmStatusMedproBrdLinkMPCL."01A14" = STRING: up
avCmStatusMedproBrdLinkEth."01A03" = STRING: ?
avCmStatusMedproBrdLinkEth."01A04" = STRING: ?
avCmStatusMedproBrdLinkEth."01A06" = STRING: up
avCmStatusMedproBrdLinkEth."01A14" = STRING: up
avCmStatusMedproBrdLinkPeer."01A03" = STRING:
avCmStatusMedproBrdLinkPeer."01A04" = STRING:
avCmStatusMedproBrdLinkPeer."01A06" = STRING: dn
avCmStatusMedproBrdLinkPeer."01A14" = STRING: dn
avCmStatusMedproBrdAlarmMaj."01A03" = STRING: 0
avCmStatusMedproBrdAlarmMaj."01A04" = STRING: 0
avCmStatusMedproBrdAlarmMaj."01A06" = STRING: 0
avCmStatusMedproBrdAlarmMaj."01A14" = STRING: 0
avCmStatusMedproBrdAlarmMin."01A03" = STRING: 0
avCmStatusMedproBrdAlarmMin."01A04" = STRING: 0
avCmStatusMedproBrdAlarmMin."01A06" = STRING: 0
avCmStatusMedproBrdAlarmMin."01A14" = STRING: 0
avCmStatusMedproBrdAlarmWrn."01A03" = STRING: 0
avCmStatusMedproBrdAlarmWrn."01A04" = STRING: 0
avCmStatusMedproBrdAlarmWrn."01A06" = STRING: 0
avCmStatusMedproBrdAlarmWrn."01A14" = STRING: 0
```

```
avCmStatusMedproBrdDupLinkMPCL."01A03" = STRING:
avCmStatusMedproBrdDupLinkMPCL."01A04" = STRING:
avCmStatusMedproBrdDupLinkMPCL."01A06" = STRING:
avCmStatusMedproBrdDupLinkMPCL."01A14" = STRING:
avCmStatusMedproBrdDupLinkEth."01A03" = STRING:
avCmStatusMedproBrdDupLinkEth."01A04" = STRING:
avCmStatusMedproBrdDupLinkEth."01A06" = STRING:
avCmStatusMedproBrdDupLinkEth."01A14" = STRING:
avCmStatusMedproBrdDupLinkPeer."01A03" = STRING:
avCmStatusMedproBrdDupLinkPeer."01A04" = STRING:
avCmStatusMedproBrdDupLinkPeer."01A06" = STRING:
avCmStatusMedproBrdDupLinkPeer."01A14" = STRING:
avCmStatusMedproBrdDupAlarmMaj."01A03" = STRING:
avCmStatusMedproBrdDupAlarmMaj."01A04" = STRING:
avCmStatusMedproBrdDupAlarmMaj."01A06" = STRING:
avCmStatusMedproBrdDupAlarmMaj."01A14" = STRING:
avCmStatusMedproBrdDupAlarmMin."01A03" = STRING:
avCmStatusMedproBrdDupAlarmMin."01A04" = STRING:
avCmStatusMedproBrdDupAlarmMin."01A06" = STRING:
avCmStatusMedproBrdDupAlarmMin."01A14" = STRING:
avCmStatusMedproBrdDupAlarmWrn."01A03" = STRING:
avCmStatusMedproBrdDupAlarmWrn."01A04" = STRING:
avCmStatusMedproBrdDupAlarmWrn."01A06" = STRING:
avCmStatusMedproBrdDupAlarmWrn."01A14" = STRING:
avCmStatusMedproBrdLocked."01A03" = STRING: no
avCmStatusMedproBrdLocked."01A04" = STRING: no
avCmStatusMedproBrdLocked."01A06" = STRING: no
avCmStatusMedproBrdLocked."01A14" = STRING: no
avCmStatusMedproBrdIPV6Address."01A03" = STRING:
avCmStatusMedproBrdIPV6Address."01A04" = STRING:
avCmStatusMedproBrdIPV6Address."01A06" = STRING:
avCmStatusMedproBrdIPV6Address."01A14" = STRING:
avCmStatusMedproBrdIPV6SubnetMask."01A03" = STRING:
avCmStatusMedproBrdIPV6SubnetMask."01A04" = STRING:
avCmStatusMedproBrdIPV6SubnetMask."01A06" = STRING:
avCmStatusMedproBrdIPV6SubnetMask."01A14" = STRING:
avCmStatusMedproBrdIPV6GatewayAddr."01A03" = STRING:
avCmStatusMedproBrdIPV6GatewayAddr."01A04" = STRING:
avCmStatusMedproBrdIPV6GatewayAddr."01A06" = STRING:
avCmStatusMedproBrdIPV6GatewayAddr."01A14" = STRING:
avCmStatusMedproBrdIPV6NodeName."01A03" = STRING:
avCmStatusMedproBrdIPV6NodeName."01A04" = STRING:
avCmStatusMedproBrdIPV6NodeName."01A06" = STRING:
avCmStatusMedproBrdIPV6NodeName."01A14" = STRING:
avCmStatusMedproBrdIPV6EtherEnable."01A03" = STRING: no
avCmStatusMedproBrdIPV6EtherEnable."01A04" = STRING: no
avCmStatusMedproBrdIPV6EtherEnable."01A06" = STRING: no
avCmStatusMedproBrdIPV6EtherEnable."01A14" = STRING: no
```

# avCmListIpServerIntf

| MIB group name | OID | Type |
|---|---|---|
| **avCmListIpServerIntf Group** | enterprises.6889.2.73.8.1.93 | Table |

### Description

The avCmListIpServerIntf MIB Group uses the **`list ipserver-interface`** command to retrieve all ip-interface data.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Configuration

### Polling Interval

Not more than once a day.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListIpServerIntf Group | SAT | **`list ipserver-interface`** | IP SERVER INTERFACE INFORMATION |

### Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*, 03-300509This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmListIpServerIntfTable | .1 | n/a | AvCmListIpServerIntfEntry | n/a | A list of the avCmListIpServerIntf entries |
| | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIpServerIntfEntry | .1.1 | n/a | AvCmListIpServerIntfEntry | n/a | A avCmListIpServerIntf entry containing objects of the avCmListIpServerIntf information sent by the switch. |
| avCmListIpServerIntfIdx | .1.1.1 | n/a | Integer32 (0..999) | n/a | An object that uniquely identifies each Increment of data. |
| avCmListIpServerIntfPortNtwkNum<br>IP SERVER INTERFACE INFORMATION | .1.1.2 | R | Integer32 (0..999) | PortNtwkNum | An object containing the port network associated with the ipserver-interface. |
| avCmListIpServerIntfPriBdLoc<br>IP SERVER INTERFACE INFORMATION | .1.1.3 | R | SnmpAdminString (SIZE (0..6)) | Pri Bd Loc | An object containing the location of the primary IP SERVER INTFC board. |
| avCmListIpServerIntfPrimaryIPAddress<br>IP SERVER INTERFACE INFORMATION | .1.1.4 | R | SnmpAdminString (SIZE (0..16)) | Primary IP Address | An object containing the Primary IP Address. |
| avCmListIpServerIntfPrimaryHostName<br>IP SERVER INTERFACE INFORMATION | .1.1.5 | R | SnmpAdminString (SIZE (0..17)) | Primary Host Name | An object containing the primary host name. |
| avCmListIpServerIntfPrimaryDHCPID<br>IP SERVER INTERFACE INFORMATION | .1.1.6 | R | SnmpAdminString (SIZE (0..10)) | Primary DHCP ID | An object containing the DHCP ID. |
| avCmListIpServerIntfServState<br>IP SERVER INTERFACE INFORMATION | .1.1.7 | R | SnmpAdminString (SIZE (0..4)) | Serv State | An object containing the Service State of the IP SERVER INTERFACE. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIpServerIntfControlState<br>IP SERVER INTERFACE INFORMATION | .1.1.8 | R | SnmpAdminString (SIZE (0..8)) | Control State | An object containing the Control State of the IP SERVER INTERFACE. |
| avCmListIpServerIntfStateOfHealthCPEG<br>IP SERVER INTERFACE INFORMATION | .1.1.9 | R | SnmpAdminString (SIZE (0..8)) | State Of Health C P E G | An object containing the state of health of the IP SERVER |
| avCmListIpServerIntfSecondaryBdLoc<br>IP SERVER INTERFACE INFORMATION | .1.1.10 | R | SnmpAdminString (SIZE (0..6)) | Sec Bd Loc | Field that displays the secondary board location. |
| avCmListIpServerIntfSecondaryIPAddress<br>IP SERVER INTERFACE INFORMATION | .1.1.11 | R | SnmpAdminString (SIZE (0..16)) | Secondary IP Address | Field that contains the secondary IP Adress. |
| avCmListIpServerIntfSecondaryHostName<br>IP SERVER INTERFACE INFORMATION | .1.1.12 | R | SnmpAdminString (SIZE (0..17)) | Secondary Host Name | The Secondary Host Name of the IP SERVER INTERFACE. |
| avCmListIpServerIntfSecondaryDHCPID<br>IP SERVER INTERFACE INFORMATION | .1.1.13 | R | SnmpAdminString (SIZE (0..10)) | Secondary DHCP ID | The Secondary DHCP ID of the IP server interface. |
| avCmListIpServerIntfSecondaryServState<br>IP SERVER INTERFACE INFORMATION | .1.1.14 | R | SnmpAdminString (SIZE (0..4)) | Secondary Serv State | An object containing the service state of the secondary ipserver interface. |
| avCmListIpServerIntfSecondaryControlState<br>IP SERVER INTERFACE INFORMATION | .1.1.15 | R | SnmpAdminString (SIZE (0..8)) | Secondary Control State | An object containing the control state of the secondary ipserver interface. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIpServerIntfSecondaryStateOfHealth<br>IP SERVER INTERFACE INFORMATION | .1.1.16 | R | SnmpAdminString (SIZE (0..8)) | Secondary State Of Health C P E G | An object containing the Secondary State of health. |

## Sample output of forms

```
list ipserver-interface

                        IP SERVER INTERFACE INFORMATION

Port Pri/   Primary/          Primary/          Primary/                  State Of
Ntwk Sec    Secondary         Secondary         Secondary Serv  Control   Health
Num  Bd Loc IP Address        Host Name         DHCP ID   State State    C P E G
---- ------ ---------------- ----------------- --------- ----- -------  -------
  1   1A01  10.129.136.50    10.129.136.50     ipsi-A01a  IN   actv-aa  0.0.0.0

Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmListIpServerIntf
avCmListIpServerIntfPortNtwkNum.1 = INTEGER: 1
avCmListIpServerIntfPriBdLoc.1 = STRING: 1A01
avCmListIpServerIntfPrimaryIPAddress.1 = STRING: 10.129.136.50
avCmListIpServerIntfPrimaryHostName.1 = STRING: 10.129.136.50
avCmListIpServerIntfPrimaryDHCPID.1 = STRING: ipsi-A01a
avCmListIpServerIntfServState.1 = STRING: IN
avCmListIpServerIntfControlState.1 = STRING: actv-aa
avCmListIpServerIntfStateOfHealthCPEG.1 = STRING: 0.0.0.0
avCmListIpServerIntfSecondaryBdLoc.1 = STRING:
avCmListIpServerIntfSecondaryIPAddress.1 = STRING:
avCmListIpServerIntfSecondaryHostName.1 = STRING:
avCmListIpServerIntfSecondaryDHCPID.1 = STRING:
avCmListIpServerIntfSecondaryServState.1 = STRING:
avCmListIpServerIntfSecondaryControlState.1 = STRING:
avCmListIpServerIntfSecondaryStateOfHealth.1 = STRING:
```

# avCmStatusLink

| MIB group name | OID | Type |
|---|---|---|
| avCmStatusLink Group | enterprises.6889.2.73.8.1.94 | Table |

### Description

The avCmStatusLink MIB Group uses the **`status link`** command to retrieve link status data.

### Releases Supported

6.3.100 and later

### Polling Type

Inventory and Performance/Utilization

### Polling Interval

No more than once an hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmStatusLink Group | SAT | **`status link 1-254 or 'procr'`** | LINK/PORT STATUS |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusLinkTable | .1 | n/a | AvCmStatusLinkEntry | n/a | A list of the avCmStatusLink entries. |
| avCmStatusLinkTable | .1.1 | n/a | AvCmStatusLinkEntry | n/a | An avCmStatusLink entry containing objects of the avCmStatusLink information sent by the switch. |
| avCmStatusLinkIdx | .1.1.1 | n/a | SnmpAdminString (SIZE (0..6)) | n/a | An object that uniquely identifies each Increment of data. |
| avCmStatusLinkNum | .1.1.2 | R | SnmpAdminString (SIZE (0..6)) | Link Number | An object containing the link number. |
| avCmStatusLinkStatus | .1.1.3 | R | SnmpAdminString (SIZE (0..26)) | Link Status | An object containing the link state. |
| avCmStatusLinkType | .1.1.4 | R | SnmpAdminString (SIZE (0..11)) | Type | An object containing the type of link. |
| avCmStatusLinkName<br>LINK/PORT STATUS | .1.1.5 | R | SnmpAdminString (SIZE (0..29)) | Link Name | An object containing the Link Name. |
| avCmStatusLinkServicePortLoc<br>LINK/PORT STATUS | .1.1.6 | R | SnmpAdminString (SIZE (0..17)) | Service Port Location | An object containing the Service Port Location. |
| avCmStatusLinkDataExt<br>LINK/PORT STATUS | .1.1.7 | R | SnmpAdminString (SIZE (0..17)) | Service Port Data Extension | An object containing the Service Port Data Extension. |
| avCmStatusLinkServiceState<br>LINK/PORT STATUS | .1.1.8 | R | SnmpAdminString (SIZE (0..17)) | Service State | An object containing the Service State of the link. |
| avCmStatusLinkNodeName<br>LINK/PORT STATUS | .1.1.9 | R | SnmpAdminString (SIZE (0..16)) | Node Name | An object containing the Node Name associated with the link. |
| avCmStatusLinkSourceIpAddress<br>LINK/PORT STATUS | .1.1.10 | R | SnmpAdminString (SIZE (0..45)) | Source IP Address | An object containing the Source IP Address. |

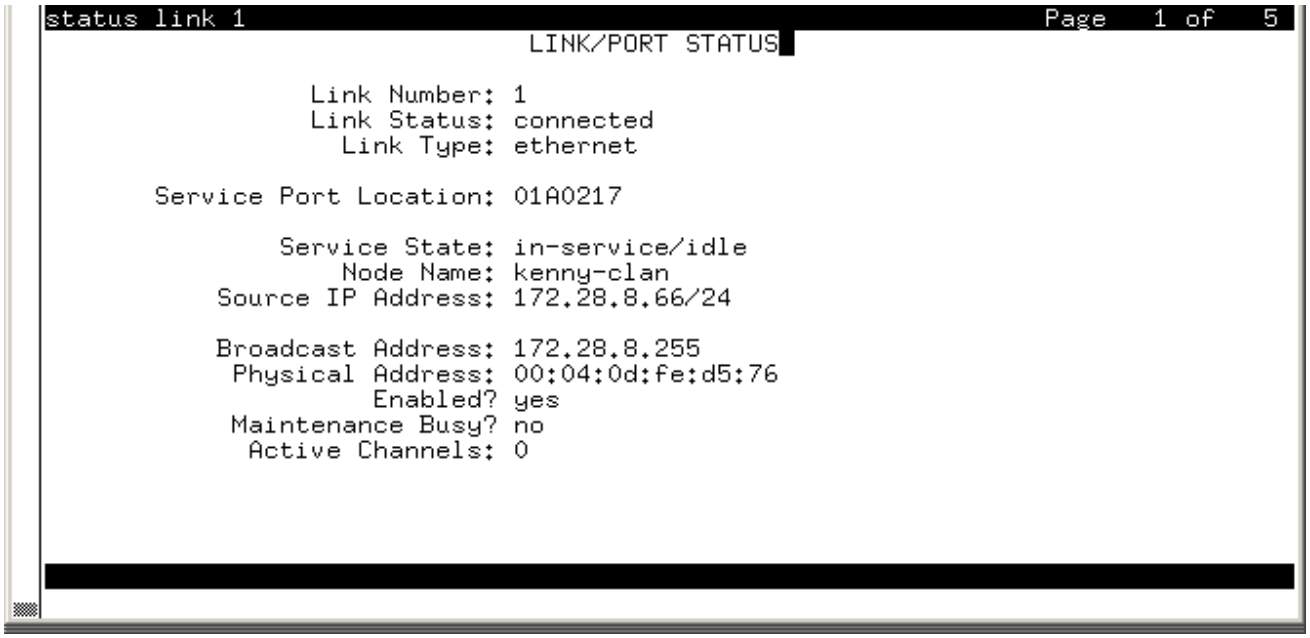
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusLinkBroadcastAddress<br>LINK/PORT STATUS | .1.1.11 | R | SnmpAdminString (SIZE (0..41)) | Broadcast Address | Field that displays the Broadcast Address. |
| avCmStatusLinkPhysicalAddress<br>LINK/PORT STATUS | .1.1.12 | R | SnmpAdminString (SIZE (0..18)) | Physical Address | Field that contains the Physical Address. |
| avCmStatusLinkEthEnabled<br>LINK/PORT STATUS | .1.1.13 | R | SnmpAdminString (SIZE (0..4)) | Enabled | An object containing whether the link is ethernet enabled. |
| avCmStatusLinkEthMaintBusy<br>LINK/PORT STATUS | .1.1.14 | R | SnmpAdminString (SIZE (0..4)) | Maintenance Busy | An object containing whether the link is Maintenance Busy. |
| avCmStatusLinkEthActiveChannels<br>LINK/PORT STATUS | .1.1.15 | R | SnmpAdminString (SIZE (0..5)) | Active Channels | An object containing the number of Active Channels associated with the link. |
| avCmStatusLinkPPPEnabled<br>LINK/PORT STATUS | .1.1.16 | R | SnmpAdminString (SIZE (0..4)) | PPP Enabled | An object containing whther the link is PPP enabled. |
| avCmStatusLinkPPPMaintBusy<br>LINK/PORT STATUS | .1.1.17 | R | SnmpAdminString (SIZE (0..4)) | PPP Maintenance Busy | An object containing the link is PPP maintenance busy. |
| avCmStatusLinkPPPActiveChannels<br>LINK/PORT STATUS | .1.1.18 | R | SnmpAdminString (SIZE (0..5)) | PPP Active Channels | An object containing the number of active channels associated with a PPP link. |
| avCmStatusLinkAssocClanModem<br>LINK/PORT STATUS | .1.1.19 | R | SnmpAdminString (SIZE (0..3)) | Associated C-LAN Modem | An object containing the number of Associated C-LAN Modems for the link. |
| avCmStatusLinkConnSpeed<br>LINK/PORT STATUS | .1.1.20 | R | SnmpAdminString (SIZE (0..8)) | Connect speed | An object containing the Connect speed for the link. |
| avCmStatusLinkV6Status<br>LINK/PORT STATUS | .1.1.21 | R | SnmpAdminString (SIZE (0..26)) | Link Status | An object containing the IPV6 link state. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmStatusLinkV6Type<br>LINK/PORT STATUS | .1.1.22 | R | SnmpAdminString (SIZE (0..16)) | IPV6 Link Type | An object containing the IPV6 link type. |
| avCmStatusLinkV6ServicePortLoc<br>LINK/PORT STATUS | .1.1.23 | R | SnmpAdminString (SIZE (0..16)) | IPV6 Service Port Location | An object containing the IPV6 Service Port Location. |
| avCmStatusLinkV6NodeName<br>LINK/PORT STATUS | .1.1.24 | R | SnmpAdminString (SIZE (0..16)) | IPV6 Node Name | An object containing the IPV6 node name. |
| avCmStatusLinkV6SourceIpAddress<br>LINK/PORT STATUS | .1.1.25 | R | SnmpAdminString (SIZE (0..45)) | IPV6 Source IP Address | An object containing the Connect speed for the link. |
| avCmStatusLinkV6BroadcastAddress<br>LINK/PORT STATUS | .1.1.26 | R | SnmpAdminString (SIZE (0..41)) | IPV6 Broadcast Address | An object containing the second broadcast address. |
| avCmStatusLinkV6EthEnabled<br>LINK/PORT STATUS | .1.1.27 | R | SnmpAdminString (SIZE (0..4)) | IPV6 Enabled | An object containing the link is enabled. |
| avCmStatusLinkV6EthMaintBusy<br>LINK/PORT STATUS | .1.1.28 | R | SnmpAdminString (SIZE (0..4)) | IPV6 Maintenance Busy | An object containing whether the link is Maintenance Busy. |
| avCmStatusLinkV6EthActiveChannels<br>LINK/PORT STATUS | .1.1.29 | R | SnmpAdminString (SIZE (0..5)) | IPV6 Active Channels | An object containing the number of active Ethernet channels. |

## Sample output of forms




## Sample Output of SNMP Walk command:

```
 server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs//
AVAYA-AURA-CM-MIB.txt avCmStatusLink
avCmStatusLinkNum."1" = STRING: 1
avCmStatusLinkNum."2" = STRING: 2
avCmStatusLinkNum."procr" = STRING: procr
avCmStatusLinkStatus."1" = STRING: connected
avCmStatusLinkStatus."2" = STRING: connected
avCmStatusLinkStatus."procr" = STRING: inservice
avCmStatusLinkType."1" = STRING: ethernet
avCmStatusLinkType."2" = STRING: ethernet
avCmStatusLinkType."procr" = STRING: processor
avCmStatusLinkName."1" = STRING: n/a
avCmStatusLinkName."2" = STRING: n/a
avCmStatusLinkName."procr" = STRING: n/a
avCmStatusLinkServicePortLoc."1" = STRING: 01A0217
avCmStatusLinkServicePortLoc."2" = STRING: 01A0617
avCmStatusLinkServicePortLoc."procr" = STRING: eth0:0
avCmStatusLinkDataExt."1" = STRING: n/a
avCmStatusLinkDataExt."2" = STRING: n/a
avCmStatusLinkDataExt."procr" = STRING: n/a
avCmStatusLinkServiceState."1" = STRING: in-service/idle
avCmStatusLinkServiceState."2" = STRING: in-service/idle
avCmStatusLinkServiceState."procr" = STRING: in-service/idle
avCmStatusLinkNodeName."1" = STRING: kenny-clan
avCmStatusLinkNodeName."2" = STRING: kenny-clan2
avCmStatusLinkNodeName."procr" = STRING: procr
avCmStatusLinkSourceIpAddress."1" = STRING: 172.28.8.66/24
avCmStatusLinkSourceIpAddress."2" = STRING: 135.9.78.204/24
avCmStatusLinkSourceIpAddress."procr" = STRING: 10.129.178.77/24
avCmStatusLinkBroadcastAddress."1" = STRING: 172.28.8.255
avCmStatusLinkBroadcastAddress."2" = STRING: 135.9.78.255
avCmStatusLinkBroadcastAddress."procr" = STRING: 10.129.178.255
avCmStatusLinkPhysicalAddress."1" = STRING: 00:04:0d:fe:d5:76
avCmStatusLinkPhysicalAddress."2" = STRING: 00:04:0d:a0:59:d1
avCmStatusLinkPhysicalAddress."procr" = STRING: 00:04:0d:a0:59:d1
```

```
avCmStatusLinkEthEnabled."1" = STRING: yes
avCmStatusLinkEthEnabled."2" = STRING: yes
avCmStatusLinkEthEnabled."procr" = STRING: yes
avCmStatusLinkEthMaintBusy."1" = STRING: no
avCmStatusLinkEthMaintBusy."2" = STRING: no
avCmStatusLinkEthMaintBusy."procr" = STRING: no
avCmStatusLinkEthActiveChannels."1" = STRING: 0
avCmStatusLinkEthActiveChannels."2" = STRING: 0
avCmStatusLinkEthActiveChannels."procr" = STRING: 0
avCmStatusLinkPPPEnabled."1" = STRING: yes
avCmStatusLinkPPPEnabled."2" = STRING: yes
avCmStatusLinkPPPEnabled."procr" = STRING: yes
avCmStatusLinkPPPMaintBusy."1" = STRING: no
avCmStatusLinkPPPMaintBusy."2" = STRING: no
avCmStatusLinkPPPMaintBusy."procr" = STRING: no
avCmStatusLinkPPPActiveChannels."1" = STRING: 0
avCmStatusLinkPPPActiveChannels."2" = STRING: 0
avCmStatusLinkPPPActiveChannels."procr" = STRING: 0
avCmStatusLinkAssocClanModem."1" = STRING: no
avCmStatusLinkAssocClanModem."2" = STRING: no
avCmStatusLinkAssocClanModem."procr" = STRING: no
avCmStatusLinkConnSpeed."1" = STRING:
avCmStatusLinkConnSpeed."2" = STRING:
avCmStatusLinkConnSpeed."procr" = STRING:
avCmStatusLinkV6Status."1" = STRING:
avCmStatusLinkV6Status."2" = STRING:
avCmStatusLinkV6Status."procr" = STRING:
avCmStatusLinkV6Type."1" = STRING:
avCmStatusLinkV6Type."2" = STRING:
avCmStatusLinkV6Type."procr" = STRING:
avCmStatusLinkV6ServicePortLoc."1" = STRING:
avCmStatusLinkV6ServicePortLoc."2" = STRING:
avCmStatusLinkV6ServicePortLoc."procr" = STRING:
avCmStatusLinkV6NodeName."1" = STRING:
avCmStatusLinkV6NodeName."2" = STRING:
avCmStatusLinkV6NodeName."procr" = STRING:
avCmStatusLinkV6SourceIpAddress."1" = STRING:
avCmStatusLinkV6SourceIpAddress."2" = STRING:
avCmStatusLinkV6SourceIpAddress."procr" = STRING:
avCmStatusLinkV6BroadcastAddress."1" = STRING:
avCmStatusLinkV6BroadcastAddress."2" = STRING:
avCmStatusLinkV6BroadcastAddress."procr" = STRING:
avCmStatusLinkV6EthEnabled."1" = STRING:
avCmStatusLinkV6EthEnabled."2" = STRING:
avCmStatusLinkV6EthEnabled."procr" = STRING:
avCmStatusLinkV6EthMaintBusy."1" = STRING:
avCmStatusLinkV6EthMaintBusy."2" = STRING:
avCmStatusLinkV6EthMaintBusy."procr" = STRING:
avCmStatusLinkV6EthActiveChannels."1" = STRING:
avCmStatusLinkV6EthActiveChannels."2" = STRING:
avCmStatusLinkV6EthActiveChannels."procr" = STRING:
init@kenny1>
```

# avCmListIPNetRegMonitor

| MIB group name | OID | Type |
|---|---|---|
| avCmListIPNetRegMonitor Group | enterprises.6889.2.73.8.1.95 | Table |

### Description

The avCmListIPNetRegMonitor MIB Group uses the **`list ip-network-region monitor`** command to retrieve all network-region monitor related data.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration

Inventory and Configuration

### Polling Interval

No more than once daily or when administration is changed.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmListPNetregMonitor Group | SAT | **`list ip-network-region monitor`** | IP NETWORK REGIONS MONITOR |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIPNetRegMonitorTable | .1 | n/a | AvCmListIPNetRegMonitorEntry | n/a | A list of the avCmListIPNetRegMonitor entries. |
| | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIPNetRegMonitorEntry | .1.1 | n/a | AvCmListIPNetRegMonitorEntry | n/a | A avCmListIPNetRegMonitor entry containing objects of the avCmListIPNetRegMonitor information sent by the switch. |
| avCmListIPNetRegMonitorIdx | .1.1.1 | R | Integer32 (0..9999) | n/a | An object that uniquely identifies each Increment of data. |
| avCmListIPNetRegMonitorRegion<br>IP NETWORK REGIONS MONITOR | .1.1.2 | R | Integer32 (0..9999) | Region | An object containing the IP network region number. |
| avCmListIPNetRegMonitorName<br>IP NETWORK REGIONS MONITOR | .1.1.3 | R | SnmpAdminString (SIZE (0..21)) | Name | An object containing the region name. |
| avCmListIPNetRegMonitorPortNoIPv4<br>IP NETWORK REGIONS MONITOR | .1.1.4 | R | Integer32 (0..9999 | Port No IPv4 | An object containing the IPV4 port number. |
| avCmListIPNetRegMonitorRTCPMonIPv4Addr<br>IP NETWORK REGIONS MONITOR | .1.1.5 | R | SnmpAdminString (SIZE (0..17)) | IPv4 Address | An object containing the RTCP Monitor IPv4 IP Address. |
| avCmListIPNetRegMonitorServiceReportPer<br>IP NETWORK REGIONS MONITOR | .1.1.6 | R | Integer32 (0..99) | Report Period | An object containing the Report Period. |
| avCmListIPNetRegMonitorCodecSet<br>IP NETWORK REGIONS MONITOR | .1.1.7 | R | SnmpAdminString (SIZE (0..5)) | Codec Set | An object containing the codec set used by the region. |
| avCmListIPNetRegMonitorUDPPortRangeMin<br>IP NETWORK REGIONS MONITOR | .1.1.8 | R | Integer32 (0..99999) | UDP Port Range Min | An object containing the UDP port range minimum. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmListIPNetRegMonitorPortNoIPv6<br>IP NETWORK REGIONS MONITOR | .1.1.9 | R | Integer32 (0..99999) | UDP Port Range Max | An object containing the UDP Port Range Maximum. |
| <br>IP NETWORK REGIONS MONITOR | .1.1.10 | R | Integer32 (0..99999) | Port No IPv6 | An object containing the IPV6 port number. |
| avCmListIPNetRegMonitorRTCPMonIPv6Addr<br>IP NETWORK REGIONS MONITOR | .1.1.11 | R | SnmpAdminString (SIZE (0..41)) | IPv6 Address | Field that displays the IPV6 address. |

## Sample output of forms

```
list ip-network-region monitor                                          Page   1
                          IP NETWORK REGIONS MONITOR

                             Port No  RTCP Monitor   Report Codec UDP Port Range
Region          Name         IPv4/    IPv4 Address/  Period  Set   Min      Max
                             IPv6     IPv6 Address

1                            5005                      5      1    2048     3329
                             5005
2                            5005                      5      1    2048     3329
                             5005
3                            5005                      5      1    2048     3329
                             5005
4                            5005                      5      1    2048     3329
                             5005
5                            5005                      5      1    2048     3329
                             5005
6                            5005                      5      1    2048     3329
                             5005
7                            5005                      5      1    2048     3329
                             5005

                press CANCEL to quit --  press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr Fld F5=Help F6=Update F7=Nxt Pg F8=Prv Pg
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 30 -v2c -Os -c public xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmListIPNetRegMonitor
avCmListIPNetRegMonitorRegion.1 = INTEGER: 1
avCmListIPNetRegMonitorRegion.2 = INTEGER: 2
:
:
avCmListIPNetRegMonitorName.1 = STRING:
avCmListIPNetRegMonitorName.2 = STRING:
:
:
avCmListIPNetRegMonitorPortNoIPv4.1 = INTEGER: 5005
avCmListIPNetRegMonitorPortNoIPv4.2 = INTEGER: 5005
:
:
```

```
avCmListIPNetRegMonitorRTCPMonIPv4Addr.1 = STRING:
avCmListIPNetRegMonitorRTCPMonIPv4Addr.2 = STRING:
:
:
```

# avCmMeasToneRecLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasToneRecLstHr Group | enterprises.6889.2.73.8.1.97 | Table |

### Description

The avCmMeasToneRecLstHr MIB Group uses the **`list measurements tone-receiver detail last-hour`** command to retrieve tone receiver data from the last hour.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Timeout should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasToneRecLstHr Group | SAT | **`list measurements tone-receiver detail last-hour`** | TONE RECEIVER DETAIL MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecLstHrTable | .1 | | AvCmMeasToneRecLstHrEntry | n/a | A list of the avCmMeasToneRecLstHr entries. |
| avCmMeasToneRecLstHrEntry | .1.1 | | AvCmMeasToneRecLstHrEntry | n/a | A avCmMeasToneRecLstHr entry containing objects of the avCmMeasToneRecLstHr information sent by the switch. |
| avCmMeasToneRecLstHrPnIdx | .1.1.1 | | Integer32 (0..99) | n/a | An object that uniquely identifies each Increment of data. |
| avCmMeasToneRecLstHrPNNumber | .1.1.2 | | Integer32 (0..99) | PN | An object containing the Port Network number in which the tone receiver is located. |
| avCmMeasToneRecLstHrRunDate | .1.1.3 | | SnmpAdminString (SIZE (0..28)) | Date | An object containing the Date the command was executed. |
| avCmMeasToneRecLstHrMeasHour | .1.1.4 | | Integer32 (0..9999) | Hour | An object containing the Hour the measurement was taken. |
| avCmMeasToneRecLstHrDTMFPnReq | .1.1.5 | | Integer32 (0..99999 | DTMF PN Req | An object containing the number of DTMF requests within the PN. |
| avCmMeasToneRecLstHrDTMFPnAlloc | .1.1.6 | | Integer32 (0..9999) | DTMF PN Alloc | An object containing the total number of DTMF receivers located in the listed PN that were allocated during the last hour. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecLstHrDTMFPkAlloc | .1.1.7 | | Integer32 (0..9999) | DTMF Peak Alloc | An object containing the peak number of DTMF receivers located in the listed PN that were in use simultaneously. |
| avCmMeasToneRecLstHrDTMFTotOffPN | .1.1.8 | | Integer32 (0..9999) | DTMF Total Off-PN | An object containing the total number of DTMF receivers allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecLstHrDTMFPkOffPN | .1.1.9 | | Integer32 (0..9999) | Peak Off-PN | An object containing the total number of DTMF receivers allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecLstHrGPTDPnReq | .1.1.10 | | Integer32 (0..99999 | GPTD PN Req | An object containing the number of GPTD requests within the PN. |
| avCmMeasToneRecLstHrGPTDPnAlloc | .1.1.11 | R | Integer32 (0..99999 | GPTD PN Alloc | An object containing the total number of GPTD receivers located in the listed PN that were allocated during the last hour. |
| avCmMeasToneRecLstHrGPTDPkAlloc | .1.1.12 | | Integer32 (0..9999) | GPTD PeaK Alloc | An object containing the peak number of GPTD receivers located in the listed PN that were in use simultaneously. |
| avCmMeasToneRecLstHrGPTDTotOffPN | .1.1.13 | | Integer32 (0..9999) | GPTD Total Off-PN | An object containing the total number of GPTD receivers allocated of a different PN for requests originated on this PN. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecLstHrGPTDPkOffPN | .1.1.14 | | Integer32 (0..9999) | GPTD Peak Off-PN | An object containing the peak number of GPTD receivers simultaneously allocated on a different PN for requests originated on this PN. |
| avCmMeasToneRecLstHrCCTTRPnReq | .1.1.15 | | Integer32 (0..99999) | CC-TTR PN Req | An object containing the number of CC-TTR requests within the PN. |
| avCmMeasToneRecLstHrCCTTRPnAlloc | .1.1.16 | | Integer32 (0..9999) | CC-TTR PN Alloc | An object containing the total number of CC-TTR receivers located in the listed PN that were allocated during the last hour. |
| avCmMeasToneRecLstHrCCTRPkAlloc | .1.1.17 | | Integer32 (0..9999) | CC-TTR Peak Alloc | An object containing the peak number of CC-TTR receivers located in the listed PN that were in use simultaneously. |
| avCmMeasToneRecLstHrCCTTRTotOffPN | .1.1.18 | | Integer32 (0..9999) | CC-TTR Total Off-PN | An object containing the total number of CC-TTR receivers allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecLstHrCCTTRPkOffPN | .1.1.19 | | Integer32 (0..9999) | CC-TTR Peak Off-PN | An object containing the Peak number of CC-TTR receivers simultaneously allocated of a different PN for requests originated on this PN |
| avCmMeasToneRecLstHrCCCPTRPnReq | .1.1.20 | | Integer32 (0..9999) | CC-CPTR PN Req | An object containing the number of CC-CPTR requests within the PN. |

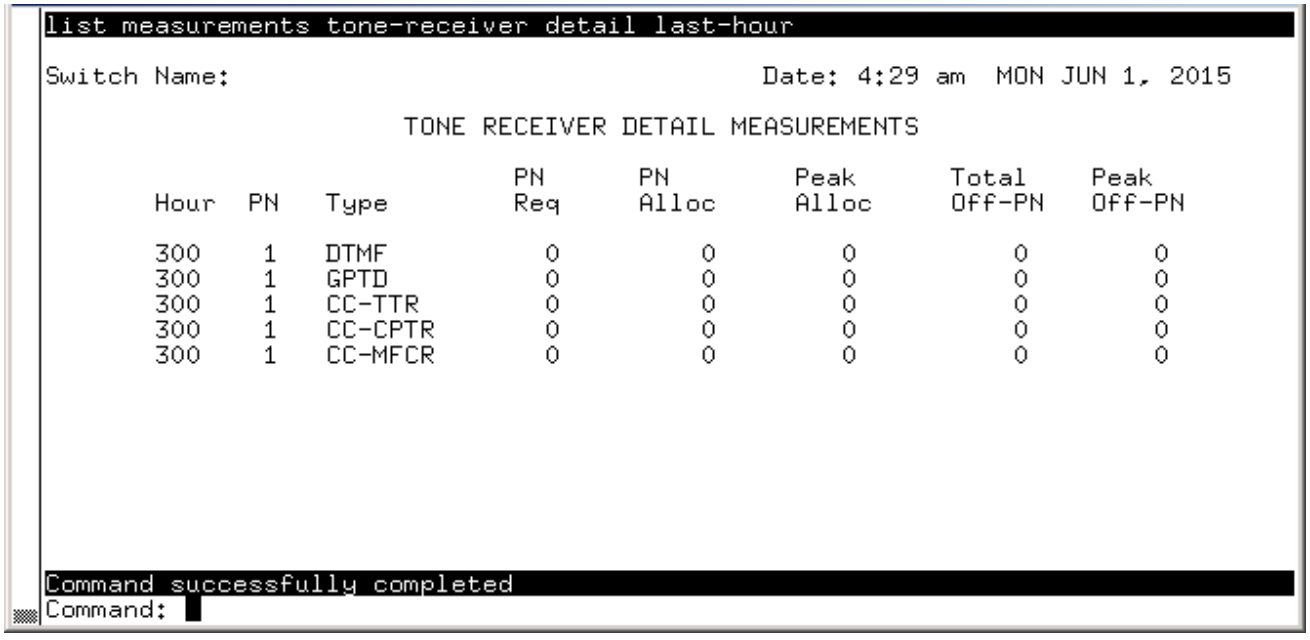
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecLstHrCCCPTRPnAlloc | .1.1.21 | | Integer32 (0..9999) | CC-CPTR Peak Alloc | An object containing the total number of CC-CPTR receivers located in the listed PN that were allocated during the last hour. |
| avCmMeasToneRecLstHrCCCPTRPkAlloc | .1.1.22 | | Integer32 (0..9999) | CC-CPTR Peak Alloc | An object containing the peak number of CC-CPTR receivers located in the listed PN that were in use simultaneously. |
| avCmMeasToneRecLstHrCCCPTRTotOffPN | .1.1.23 | | Integer32 (0..9999) | CC-CPTR Total Off-PN | An object containing the total number of CC-CPTR receivers allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecLstHrCCCPTRPkOffPN | .1.1.24 | | Integer32 (0..9999) | CC-CPTR Peak Off-PN | An object containing the Peak number of CC-CPTR receivers simultaneously allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecLstHrCCMFCRPnReq | .1.1.25 | | Integer32 (0..9999) | CC-CPTR Peak Alloc | An object containing the number of CC-MFCR requests within the PN. |
| avCmMeasToneRecLstHrCCMFCRPnAlloc | .1.1.26 | | Integer32 (0..9999) | CC-MFCR PN Alloc | An object containing the total number of CC-MFCR receivers located in the listed PN that were allocated during the last hour. |
| avCmMeasToneRecLstHr | .1.1.27 | | Integer32 (0..9999) | CC-MFCR Peak Alloc | An object containing the peak number of CC-MFCR receivers located in the listed |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | PN that were in use simultaneously. |
| avCmMeasToneRecLstHrCCMFCRTotOffPN | .1.1.28 | | Integer32 (0..9999) | CC-MFCR Peak Off-PN | An object containing the total number of CC-MFCR receivers allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecLstHrCCMFCRPkOffPN | .1.1.29 | | Integer32 (0..9999) | CC-MFCR Peak Off-PN | An object containing the Peak number of CC-MFCR receivers simultaneously allocated of a different PN for requests originated on this PN. |

## Sample output of forms



```
list measurements tone-receiver detail last-hour

Switch Name:                                    Date: 4:29 am  MON JUN 1, 2015

                        TONE RECEIVER DETAIL MEASUREMENTS

                                    PN       PN        Peak      Total     Peak
      Hour  PN   Type               Req      Alloc     Alloc     Off-PN    Off-PN

      300    1   DTMF               0         0         0         0         0
      300    1   GPTD               0         0         0         0         0
      300    1   CC-TTR             0         0         0         0         0
      300    1   CC-CPTR            0         0         0         0         0
      300    1   CC-MFCR            0         0         0         0         0

Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasToneRecLstHr
avCmMeasToneRecLstHrPNNumber.1 = INTEGER: 1
avCmMeasToneRecLstHrRunDate.1 = STRING: 4:21 am MON JUN 1, 2015
avCmMeasToneRecLstHrMeasHour.1 = INTEGER: 300
avCmMeasToneRecLstHrDTMFPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrDTMFPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrDTMFPkAlloc.1 = INTEGER: 0
```

```
avCmMeasToneRecLstHrDTMFTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrDTMFPkOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrGPTDPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrGPTDPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrGPTDPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrGPTDTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrGPTDPkOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPnAlloc.1 = INTEGER: 0
vCmMeasToneRecLstHrCCTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCMFCRPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrCCMFCRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCMFCRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCMFCRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCMFCRPkOffPN.1 = INTEGER:
```

# avCmMeasToneRecToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasToneRecToday Group | enterprises.6889.2.73.8.1.98 | Table |

### Description

The avCmMeasToneRecToday Group MIB Group uses the **`list measurements tone-receiver detail today`** command to retrieve peak hour tone-receiver data for today.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Time-out should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasToneRecToday Group | SAT | `list measurements tone-receiver detail yesterday` | TONE RECEIVER DETAIL MEASUREMENTS. |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecTodayTable<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1 | n/a | SEQUENCE OF avCmMeasToneRecTodayEntry | n/a | A list of the avCmMeasToneRecToday entries |
| avCmMeasToneRecTodayEntry<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1 | n/a | avCmMeasToneRecTodayEntry | n/a | A avCmMeasToneRecTodayentry containing objects of the avCmMeasToneRecToday information sent by the switch. |
| avCmMeasToneRecTodayPnIdx<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.1 | n/a | Integer32 (0..99) | n/a | An object that uniquely identifies each Increment of data. |
| avCmMeasToneRecTodayGPTDPkAlloc | .1.1.2 | R | Integer32 (0..99) | PN | An object containing the Port Network number in which the |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TONE RECEIVER DETAIL MEASUREMENTS. | | | | | tone receiver is located. |
| avCmMeasToneRecTodayRunDate<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.3 | R | SnmpAdminString(SIZE(0..28)) | Date | An object containing the Date the command was executed. |
| avCmMeasToneRecTodayMeasHour<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.4 | R | Integer32 (0..9999) | Hour | An object containing the Hour the measurement was taken. |
| avCmMeasToneRecTodayDTMFPnReq<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.5 | R | Integer32 (0..99999) | DTMF PN Req | An object containing the number of DTMF requests within the PN. |
| avCmMeasToneRecTodayDTMFPnAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.6 | R | Integer32 (0..99999) | DTMF PIN Alloc | An object containing the total number of DTMF receivers located in the listed PN that were allocated during the listed hour. |
| avCmMeasToneRecTodayDTMFPkAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.7 | R | Integer32 (0..9999) | DTMF Peak Alloc | An object containing the peak number of DTMF receivers located in the listed PN that were in use simultaneously |
| avCmMeasToneRecTodayDTMFTotOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.8 | R | Integer32 (0..9999) | DTMF Total Off-PN | An object containing the total number of DTMF receivers allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecTodayDTMFPkOffPN | .1.1.9 | R | Integer32 (0..9999) | Peak Off-PN | An object containing the peak number of DTMF receivers simultaneously allocated on a |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TONE RECEIVER DETAIL MEASUREMENTS. | | | | | different PN for requests originated on this PN. |
| avCmMeasToneRecTodayGPTDPnReq<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.1.10 | R | Integer32 (0..9999) | GPTD PN Alloc | An object containing the number of GPTD requests within the PN. |
| avCmMeasToneRecTodayGPTDPnAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.1.11 | R | Integer32 (0..99999) | GPTD PN Alloc | An object containing the total number of GPTD receivers located in the listed PN that were allocated during the listed hour. |
| avCmMeasToneRecTodayGPTDPkAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.1.12 | R | Integer32 (0..9999) | GPTD PeaK Alloc | An object containing the peak number of GPTD receivers located in the listed PN that were in use simultaneously. |
| avCmMeasToneRecTodayGPTDTotOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.1.13 | R | Integer32 (0..99999) | GPTD Total Off-PN | An object containing the total number of GPTD receivers allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecTodayGPTDPkOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.1.14 | R | Integer32 (0..99999) | GPTD Peak Off-PN | An object containing the peak number of GPTD receivers simultaneously allocated on a different PN for requests originated on this PN. |
| avCmMeasToneRecTodayCCTTRPnReq<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.1.15 | R | Integer32 (0..9999) | CC-TTR PN Req | An object containing the number of CC-TTR requests within the PN.. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecTodayCCTTRPnAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.16 | R | Integer32 (0..99999) | CC-TTR PN Alloc | An object containing the total number of CC-TTR receivers located in the listed PN that were allocated during the listed hour. |
| avCmMeasToneRecTodayCCTRPkAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.17 | R | Integer32 (0..9999) | CC-TTR Peak Alloc | An object containing the peak number of CC-TTR receivers located in the listed PN that were in use simultaneously. |
| avCmMeasToneRecTodayCCTTRTotOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.18 | R | Integer32 (0..9999) | CC-TTR Total Off-PN | An object containing the total number of CC-TTR receivers allocated of a different PN for requests originated on this PN. |
| avavCmMeasToneRecTodayCCTTRPkOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.19 | R | Integer32 (0..9999) | CC-TTR Peak Off-PN | An object containing the Peak number of CC-TTR receivers simultaneously allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecTodayCCCPTRPnReq<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.20 | R | Integer32 (0..99999) | CC-CPTR PN Req | An object containing the number of CC-CPTR requests within the PN. |
| avCmMeasToneRecTodayCCCPTRPnAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.21 | R | Integer32 (0..99999) | CC-CPTR PN Alloc | An object containing the total number of CC-CPTR receivers located in the listed PN that were allocated during the listed hour... |
| avCmMeasToneRecTodayCCCPTRPkAlloc | .1.1.22 | R | Integer32 (0..99999) | CC-CPTR Peak Alloc | An object containing the peak number of CC-CPTR receivers located in the listed |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TONE RECEIVER DETAIL MEASUREMENTS. | | | | | PN that were in use simultaneously.. |
| avCmMeasToneRecTodayCCCPTRTotOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.23 | R | Integer32 (0..9999) | CC-CPTR Total Off-PN | An object containing the total number of CC-CPTR receivers allocated of a different PN for requests originated on this PN |
| avCmMeasToneRecTodayCCCPTRPkOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.24 | R | Integer32 (0..9999) | CC-CPTR Peak Off-PN | An object containing the Peak number of CC-CPTR receivers simultaneously allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecTodayCCMFCRPnReq<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.25 | R | Integer32 (0..99999) | CC-MFCR PN Req | An object containing the number of CC-MFCR requests within the PN. |
| =aavCmMeasToneRecTodayCCMFCRPnAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.26 | R | Integer32 (0..99999) | CC-MFCR PN Alloc | An object containing the total number of CC-MFCR receivers located in the listed PN that were allocated during the listed hour. |
| avCmMeasToneRecTodayCCMFCRPkAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.27 | R | Integer32 (0..9999) | CC-MFCR Peak Alloc | An object containing the peak number of CC-MFCR receivers located in the listed PN that were in use simultaneously. |
| avCmMeasToneRecTodayCCMFCRTotOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.28 | R | Integer32 (0..9999) | CC-MFCR Total Off-PN | An object containing the total number of CC-MFCR receivers allocated of a different PN for requests originated on this PN |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecTodayCCMFCRPkOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.29 | R | Integer32 (0..9999) | CC-MFCR Peak Off-PN | An object containing the Peak number of CC-MFCR receivers simultaneously allocated of a different PN for requests originated on this PN |

## Sample output of forms

```
list measurements tone-receiver detail yesterday-peak

Switch Name:                                    Date: 4:38 am  MON JUN 1, 2015

                        TONE RECEIVER DETAIL MEASUREMENTS

                                    PN      PN        Peak      Total     Peak
      Hour  PN   Type               Req     Alloc     Alloc     Off-PN    Off-PN

      2300   1   DTMF                 0         0         0         0         0
      2300   1   GPTD                 0         0         0         0         0
      2300   1   CC-TTR               0         0         0         0         0
      2300   1   CC-CPTR              0         0         0         0         0
      2300   1   CC-MFCR              0         0         0         0         0

Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasToneRecToday
avCmMeasToneRecTodayPNNumber.1 = INTEGER: 1
avCmMeasToneRecTodayRunDate.1 = STRING: 4:34 am MON JUN 1, 2015
avCmMeasToneRecTodayMeasHour.1 = INTEGER: 2300
avCmMeasToneRecTodayDTMFPnReq.1 = INTEGER: 0
avCmMeasToneRecTodayDTMFPnAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayDTMFPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayDTMFTotOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayDTMFPkOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayGPTDPnReq.1 = INTEGER: 0
avCmMeasToneRecTodayGPTDPnAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayGPTDPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayGPTDTotOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayGPTDPkOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCTTRPnReq.1 = INTEGER: 0
avCmMeasToneRecTodayCCTTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCTTRTotOffPN.1 = INTEGER: 0
```

```
avCmMeasToneRecTodayCCTTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCCPTRPnReq.1 = INTEGER: 0
avCmMeasToneRecTodayCCCPTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCCPTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCCPTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCCPTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRPnReq.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRPkOffPN.1 = INTEGER: 0
```

# avCmMeasToneRecYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasToneRecYest Group | enterprises.6889.2.73.8.1.102 | Scalar |

### Description

The avCmMeasToneRecYest Group MIB Group uses the **`list measurements tone-receiver detail yesterday`** command to retrieve peak hour tone-receiver data for yesterday.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once a daily because the data is only updated the beginning of the day after midnight.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Time-out should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasToneRecYest Group | SAT | list measurements tone-receiver detail yesterday | TONE RECEIVER DETAIL MEASUREMENTS. |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecYestTable<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1 | n/a | SEQUENCE OF AvCmMeasToneRecYestEntry) | n/a | A list of the avCmMeasToneRecYest entries |
| avCmMeasToneRecYestEntry<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1 | n/a | AvCmMeasToneRecYestEntry | n/a | A avCmMeasToneRecYest entry containing objects of the avCmMeasToneRecYest information sent by the switch. |
| avCmMeasToneRecYestPnIdx<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.1 | n/a | Integer32 (0..99) | n/a | An object that uniquely identifies each Increment of data. |
| avCmMeasToneRecYestGPTDPkAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.2 | R | Integer32 (0..99) | PN | An object containing the Port Network number in which the tone receiver is located. |
| avCmMeasToneRecYestRunDate<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.3 | R | SnmpAdminString(SIZE(0..28)) | Date | An object containing the Date the command was executed. |
| avCmMeasToneRecYestMeasHour<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.4 | R | Integer32 (0..9999) | Hour | An object containing the Hour the measurement was taken. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecYestDTMFPnReq<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.5 | R | Integer32 (0..99999) | DTMF PN Req | An object containing the number of DTMF requests within the PN. |
| avCmMeasToneRecYestDTMFPnAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.6 | R | Integer32 (0..99999) | DTMF PIN Alloc | An object containing the total number of DTMF receivers located in the listed PN that were allocated during the listed hour. |
| avCmMeasToneRecYestDTMFPkAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.7 | R | Integer32 (0..9999) | DTMF Peak Alloc | An object containing the peak number of DTMF receivers located in the listed PN that were in use simultaneously |
| avCmMeasToneRecYestDTMFTotOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.8 | R | Integer32 (0..9999) | DTMF Total Off-PN | An object containing the total number of DTMF receivers allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecYestDTMFPkOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.9 | R | Integer32 (0..9999) | Peak Off-PN | An object containing the peak number of DTMF receivers simultaneously allocated on a different PN for requests originated on this PN. |
| avCmMeasToneRecYestGPTDPnReq<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.10 | R | Integer32 (0..9999) | GPTD PN Alloc | An object containing the number of GPTD requests within the PN. |
| avCmMeasToneRecYestGPTDPnAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.11 | R | Integer32 (0..99999) | GPTD PN Alloc | An object containing the total number of GPTD receivers located in the listed PN that were |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | allocated during the listed hour. |
| avCmMeasToneRecYestGPTDPkAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.12 | R | Integer32 (0..9999) | GPTD PeaK Alloc | An object containing the peak number of GPTD receivers located in the listed PN that were in use simultaneously. |
| avCmMeasToneRecYestGPTDTotOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.13 | R | Integer32 (0..99999) | GPTD Total Off-PN | An object containing the total number of GPTD receivers allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecYestGPTDPkOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.14 | R | Integer32 (0..99999) | GPTD Peak Off-PN | An object containing the peak number of GPTD receivers simultaneously allocated on a different PN for requests originated on this PN. |
| avCmMeasToneRecYestCCTTRPnReq<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.15 | R | Integer32 (0..9999) | CC-TTR PN Req | An object containing the number of CC-TTR requests within the PN.. |
| avCmMeasToneRecYestCCTTRPnAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.16 | R | Integer32 (0..99999) | CC-TTR PN Alloc | An object containing the total number of CC-TTR receivers located in the listed PN that were allocated during the listed hour. |
| avCmMeasToneRecYestCCTRPkAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.17 | R | Integer32 (0..9999) | CC-TTR Peak Alloc | An object containing the peak number of CC-TTR receivers located in the listed PN that were in use simultaneously. |
| avCmMeasToneRecYestCCTTRTotOffPN | .1.1.18 | R | Integer32 (0..9999) | CC-TTR Total Off-PN | An object containing the total number of CC-TTR receivers |

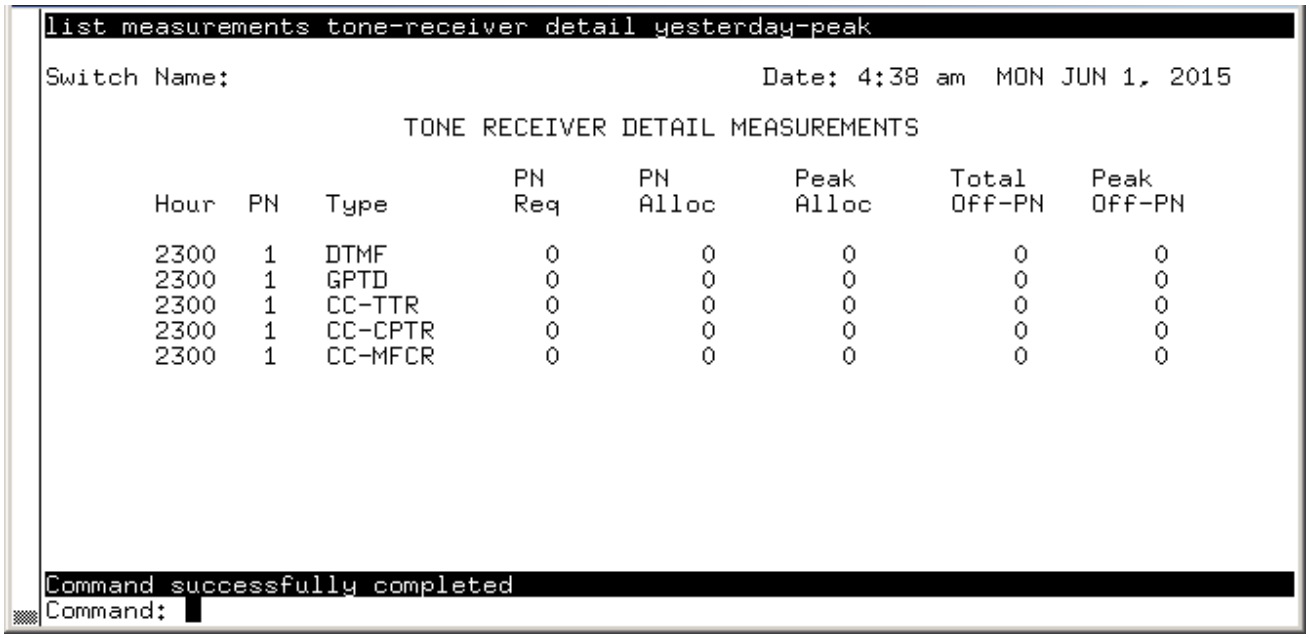
*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TONE RECEIVER DETAIL MEASUREMENTS. | | | | | allocated of a different PN for requests originated on this PN. |
| avavCmMeasToneRecYestCCTTRPkOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.19 | R | Integer32 (0..9999) | CC-TTR Peak Off-PN | An object containing the Peak number of CC-TTR receivers simultaneously allocated of a different PN for requests originated on this PN. |
| avCmMeasToneRecYestCCCPTRPnReq<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.20 | R | Integer32 (0..99999) | CC-CPTR PN Req | An object containing the number of CC-CPTR requests within the PN. |
| avCmMeasToneRecYestCCCPTRPnAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.21 | R | Integer32 (0..99999) | CC-CPTR PN Alloc | An object containing the total number of CC-CPTR receivers located in the listed PN that were allocated during the listed hour... |
| avCmMeasToneRecYestCCCPTRPkAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.22 | R | Integer32 (0..99999) | CC-CPTR Peak Alloc | An object containing the peak number of CC-CPTR receivers located in the listed PN that were in use simultaneously.. |
| avCmMeasToneRecYestCCCPTRTotOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.23 | R | Integer32 (0..9999) | CC-CPTR Total Off-PN | An object containing the total number of CC-CPTR receivers allocated of a different PN for requests originated on this PN |
| avCmMeasToneRecYestCCCPTRPkOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.24 | R | Integer32 (0..9999) | CC-CPTR Peak Off-PN | An object containing the Peak number of CC-CPTR receivers simultaneously allocated of a different PN for |

*Table continues…*

| | | | | | |
|---|---|---|---|---|---|
| | | | | | requests originated on this PN. |
| avCmMeasToneRecYestCCMFCRPnReq<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.25 | R | Integer32 (0..99999) | CC-MFCR PN Req | An object containing the number of CC-MFCR requests within the PN. |
| =aavCmMeasToneRecYestCCMFCRPnAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.26 | R | Integer32 (0..99999) | CC-MFCR PN Alloc | An object containing the total number of CC-MFCR receivers located in the listed PN that were allocated during the listed hour. |
| avCmMeasToneRecYestCCMFCRPkAlloc<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.27 | R | Integer32 (0..9999) | CC-MFCR Peak Alloc | An object containing the peak number of CC-MFCR receivers located in the listed PN that were in use simultaneously. |
| avCmMeasToneRecYestCCMFCRTotOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.28 | R | Integer32 (0..9999) | CC-MFCR Total Off-PN | An object containing the total number of CC-MFCR receivers allocated of a different PN for requests originated on this PN |
| avCmMeasToneRecYestCCMFCRPkOffPN<br>TONE RECEIVER DETAIL MEASUREMENTS. | .1.1.29 | R | Integer32 (0..9999) | CC-MFCR Peak Off-PN | An object containing the Peak number of CC-MFCR receivers simultaneously allocated of a different PN for requests originated on this PN |

## Sample output of forms



```
list measurements tone-receiver detail yesterday-peak

Switch Name:                                    Date: 4:38 am  MON JUN 1, 2015

                        TONE RECEIVER DETAIL MEASUREMENTS

                                    PN      PN        Peak      Total     Peak
      Hour  PN   Type               Req     Alloc     Alloc     Off-PN    Off-PN

      2300   1   DTMF               0         0         0         0         0
      2300   1   GPTD               0         0         0         0         0
      2300   1   CC-TTR             0         0         0         0         0
      2300   1   CC-CPTR            0         0         0         0         0
      2300   1   CC-MFCR            0         0         0         0         0

Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasToneRecYest
avCmMeasToneRecYestPNNumber.1 = INTEGER: 1
avCmMeasToneRecYestRunDate.1 = STRING: 4:34 am MON JUN 1, 2015
avCmMeasToneRecYestMeasHour.1 = INTEGER: 2300
avCmMeasToneRecYestDTMFPnReq.1 = INTEGER: 0
avCmMeasToneRecYestDTMFPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestDTMFPkAlloc.1 = INTEGER: 0
avCmMeasToneRecYestDTMFTotOffPN.1 = INTEGER: 0
avCmMeasToneRecYestDTMFPkOffPN.1 = INTEGER: 0
avCmMeasToneRecYestGPTDPnReq.1 = INTEGER: 0
avCmMeasToneRecYestGPTDPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestGPTDPkAlloc.1 = INTEGER: 0
avCmMeasToneRecYestGPTDTotOffPN.1 = INTEGER: 0
avCmMeasToneRecYestGPTDPkOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCTTRPnReq.1 = INTEGER: 0
avCmMeasToneRecYestCCTTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCTTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCTTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCTTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCCPTRPnReq.1 = INTEGER: 0
avCmMeasToneRecYestCCCPTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCCPTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCCPTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCCPTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCMFCRPnReq.1 = INTEGER: 0
avCmMeasToneRecYestCCMFCRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCMFCRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecYestCCMFCRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecYestCCMFCRPkOffPN.1 = INTEGER: 0
```

# avCmMeasToneRecSumLstHr

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasToneRecSumLstHr | enterprises.6889.2.73.8.1.100 | Scalar |

### Description

The avCmMeasToneRecSumLstHr MIB Group uses the **`list measurements tone-receiver summary last-hour`** command to retrieve tone-receiver data from the listed hour..

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Time-out should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasToneRecSum LstHr Group | SAT | list measurements tone-receiver summary last-hour | TONE RECEIVER SUMMARY MEASUREMENTS. |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecSumLstHrRunDate<br>TONE RECEIVER SUMMARY MEASUREMENTS | .1 | R | SnmpAdminString (0..28) | Date | An object containing the Date the command was executed. |
| avCmMeasToneRecSumLstHrMeasHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .2 | R | Integer32 (0..99999) | Hour | An object containing the hour the measurement was taken. |
| avCmMeasToneRecSumLstHrDTMFHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .3 | R | Integer32 (0..99999) | DTMF Hour | An object containing the hour the measurement was taken. |
| avCmMeasToneRecSumLstHrDTMFTReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .4 | R | Integer32 (0..99999) | DTMF Total Request | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| avCmMeasToneRecSumLstHrDTMFPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .5 | R | Integer32 (0..99999) | DTMF Peak Request | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumLstHrDTMFTQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .6 | R | Integer32 (0..99999) | DTMF Total Queued | An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval. |
| avCmMeasToneRecSumLstHrDTMFPQueued | .7 | R | SInteger32 (0..99999) | DTMF Peak Queued | An object containing the system-wide |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | peak number of requests queued at any one time during the measurement hour for tone receivers of this type. |
| avCmMeasToneRecSumLstHrDTMFTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .8 | R | Integer32 (0..99999) | DTMF Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumLstHrDTMFPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .9 | R | Integer32 (0..99999) | DTMF Peak Denied | An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumLstHrGPTDHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .10 | R | Integer32 (0..99999) | GPTD Hour | An object containing the Hour the measurement was taken. |
| avCmMeasToneRecSumLstHrGPTDTReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .11 | R | Integer32 (0..99999) | GPTD Total Req | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| avCmMeasToneRecSumLstHrGPTDPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .12 | R | Integer32 (0..99999) | GPTD Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumLstHrGPTDTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .13 | R | Integer32 (0..99999) | GPTD Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumLstHrGPTDPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .14 | R | Integer32 (0..99999) | GPTD Peak Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumLstHrCCTTRHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .15 | R | Integer32 (0..99999) | CC-TTR Hour | An object containing the Hour the measurement was taken. |
| aavCmMeasToneRecSumLstHrCCTTRReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .16 | R | Integer32 (0..99999) | CC-TTR Total Req | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| aavCmMeasToneRecSumLstHrCCTTRReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .17 | R | Integer32 (0..99999) | CC-TTR Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecSumLstHrCCTTRTQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .18 | R | Integer32 (0..99999) | CC-TTR Total Queued | An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval. |
| avCmMeasToneRecSumLstHrCCTTRPQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .19 | R | Integer32 (0..99999) | CC-TTR Peak Queued | An object containing the system-wide peak number of requests queued at any one time during the measurement hour for tone receivers of this type. |
| avCmMeasToneRecSumLstHrCCTTRTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .20 | R | Integer32 (0..99999) | CC-TTR Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumLstHrCCTTRPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .21 | R | Integer32 (0..99999) | CC-TTR Peak Denied | An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumLstHrCCCPTRHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .22 | R | Integer32 (0..99999) | CC-CPTR Hour | An object containing the Hour the measurement was taken. |
| avCmMeasToneRecSumLstHrCCCPTRTReq | .23 | R | Integer32 (0..99999) | CC-CPTR Total Req | An object containing the system-wide total number of |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | requests for tone receivers of this type for the measurement interval. |
| avCmMeasToneRecSumLstHrCCCPTRPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .24 | R | Integer32 (0..99999) | CC-CPTR Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumLstHrCCCPTRTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .25 | R | Integer32 (0..99999) | CC-CPTR Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumLstHrCCCPTRPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .26 | R | Integer32 (0..99999) | CC-CPTR Peak Denied | An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumLstHrCCMFCRHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .27 | R | Integer32 (0..99999) | CC-MFCR Hour | An object containing the Hour the measurement was taken. |
| avCmMeasToneRecSumLstHrCCMFCRTReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .28 | R | Integer32 (0..99999) | CC-MFCR Total Req | An object containing the system-wide total number of requests for tone receivers of this type for the |

*Table continues…*

| | | | | | |
|---|---|---|---|---|---|
| | | | | | measurement interval. |
| avCmMeasToneRecSumLstHrCCMFCRPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .29 | R | Integer32 (0..99999) | CC-MFCR Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumLstHrCCMFCRTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .30 | R | Integer32 (0..99999) | CC-MFCR Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumLstHrCCMFCRPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .31 | R | Integer32 (0..99999) | CC-MFCR Peak Denied | An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumLstHrDTMRPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .32 | R | Integer32 (0..99999) | DTMR-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |
| avCmMeasToneRecSumLstHrGPTDPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .33 | R | Integer32 (0..99999) | GPTD-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |
| avCmMeasToneRecSumLstHrCLASPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .34 | R | Integer32 (0..99999) | CLAS-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |

*Table continues…*

| | | | | | |
|---|---|---|---|---|---|
| avCmMeasToneRecSumLstHrETRPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .35 | R | Integer32 (0..99999) | ETR-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |

## Sample output of forms

```
list measurements tone-receiver summary last-hour

Switch Name:                                    Date: 4:41 am  MON JUN 1, 2015

                        TONE RECEIVER SUMMARY MEASUREMENTS

      Meas              Total      Peak      Total      Peak      Total      Peak
Hour  Type              Req        Req       Queued     Queued    Denied     Denied

300   DTMF                 0         0         0         0         0          0
300   GPTD                 0         0                             0          0
300   CC-TTR               0         0         0         0         0          0
300   CC-CPTR              0         0                             0          0
300   CC-MFCR              0         0                             0          0

      TR Type           Total Avail          Capabilities

      DTMR-PT              0                 DTMF
      GPTD-PT              0                 GPTD
      CLAS-PT              0                 DTMF,CC-TTR,CC-CPTR,MFCR
      ETR-PT               8                 DTMF,CC-TTR,CC-CPTR,MFCR,GPTD

Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasToneRecSumLstHr
avCmMeasToneRecSumLstHrRunDate.0 = STRING: 4:38 am MON JUN 1, 2015
avCmMeasToneRecSumLstHrMeasHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrDTMFHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrDTMFTReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMFPReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMFTQueued.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMFPQueued.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMFTDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMFPDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrGPTDTReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDPReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDTDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDPDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrCCTTRTReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRPReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRTQueued.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRPQueued.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRTDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRPDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCCPTRHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrCCCPTRTReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCCPTRPReq.0 = INTEGER: 0
```

```
avCmMeasToneRecSumLstHrCCCPTRTDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCCPTRPDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCMFCRHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrCCMFCRTReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCMFCRPReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCMFCRTDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCMFCRPDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrDTMRPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCLASPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumLstHrETRPTTAvail.0 = INTEGER: 8
```

# avCmMeasToneRecSumToday

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasToneRecSumToday Group | enterprises.6889.2.73.8.1.101 | Scalar |

### Description

The avCmMeasTo neRecSumToday MIB Group uses the **`list measurements tone-receiver summary today`** command to retrieve tone-receiver data from the listed hour.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once an hour because the data is only updated near the beginning of the hour.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Time-out should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasToneRecSumToday Group | SAT | list measurements tone-receiver summary today | TONE RECEIVER SUMMARY MEASUREMENTS. |

### Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505 document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| **Form/Report name** | | | | | |
| avCmMeasToneRecSumTodayRunDate | .1 | R | SnmpAdminString (0..28) | Date | An object containing the Date the command was executed. |
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | |
| avCmMeasToneRecSumTodayMeasHour | .2 | R | Integer32 (0..99999) | Hour | An object containing the hour the measurement was taken. |
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | |
| avCmMeasToneRecSumTodayDTMFHour | .3 | R | Integer32 (0..99999) | DTMF Hour | An object containing the hour the measurement was taken. |
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | |
| avCmMeasToneRecSumTodayDTMFTReq | .4 | R | Integer32 (0..99999) | DTMF Total Request | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | |
| avCmMeasToneRecSumTodayDTMFPReq | .5 | R | Integer32 (0..99999) | DTMF Peak Request | An object containing the system-wide peak number of simultaneous requests for tone |
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumTodayDTMFTQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .6 | R | Integer32 (0..99999) | DTMF Total Queued | An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval. |
| avCmMeasToneRecSumTodayDTMFPQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .7 | R | SInteger32 (0..99))) | DTMF Peak Queued | An object containing the system-wide peak number of requests queued at any one time during the measurement hour for tone receivers of this type. |
| avCmMeasToneRecSumTodayDTMFTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .8 | R | Integer32 (0..9999) | DTMF Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumTodayDTMFPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .9 | R | Integer32 (0..9999) | DTMF Peak Denied | An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumTodayGPTDHour | .10 | R | Integer32 (0..99999) | GPTD Hour | An object containing the Hour the measurement was taken. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | |
| avCmMeasToneRecSumTodayGPTDTReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .11 | R | Integer32 (0..99999) | GPTD Total Req | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| avCmMeasToneRecSumTodayGPTDPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .12 | R | Integer32 (0..99999) | GPTD Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumTodayGPTDTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .13 | R | Integer32 (0..99999) | GPTD Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumTodayGPTDPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .14 | R | Integer32 (0..99999) | GPTD Peak Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumTodayCCTTRHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .15 | R | Integer32 (0..99999) | CC-TTR Hour | An object containing the Hour the measurement was taken. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| aavCmMeasToneRecSumTodayCCTTRReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .16 | R | Integer32 (0..99999) | CC-TTR Total Req | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| aavCmMeasToneRecSumTodayCCTTRReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .17 | R | Integer32 (0..99999) | CC-TTR Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumTodayCCTTRTQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .18 | R | Integer32 (0..99999) | CC-TTR Total Queued | An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval. |
| avCmMeasToneRecSumTodayCCTTRPQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .19 | R | Integer32 (0..99999) | CC-TTR Peak Queued | An object containing the system-wide peak number of requests queued at any one time during the measurement hour for tone receivers of this type. |
| avCmMeasToneRecSumTodayCCTTRTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .20 | R | Integer32 (0..99999) | CC-TTR Total Denied | A An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecSumTodayCCTTRPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .21 | R | Integer32 (0..99999) | CC-TTR Peak Denied | An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumTodayCCCPTRHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .22 | R | Integer32 (0..99999) | CC-CPTR Hour | An object containing the Hour the measurement was taken. |
| avCmMeasToneRecSumTodayCCCPTRTReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .23 | R | Integer32 (0..99999) | CC-CPTR Total Req | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| avCmMeasToneRecSumTodayCCCPTRPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .24 | R | Integer32 (0..99999) | CC-CPTR Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumTodayCCCPTRTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .25 | R | Integer32 (0..99999) | CC-CPTR Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumTodayCCCPTRPDenied | .26 | R | Integer32 (0..99999) | CC-CPTR Peak Denied | An object containing the system-wide peak number of |

*Table continues…*

| | | | | | |
|---|---|---|---|---|---|
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | requests that were denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumTodayCCMFCRHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .27 | R | Integer32 (0..99999) | CC-MFCR Hour | An object containing the Hour the measurement was taken. |
| avCmMeasToneRecSumTodayCCMFCRTReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .28 | R | Integer32 (0..99999) | CC-MFCR Total Req | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| avCmMeasToneRecSumTodayCCMFCRPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .29 | R | Integer32 (0..99999) | CC-MFCR Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumTodayCCMFCRTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .30 | R | Integer32 (0..9999) | CC-MFCR Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumTodayCCMFCRPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .31 | R | Integer32 (0..9999) | CC-MFCR Peak Denied | An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available |

*Table continues…*

| | | | | | |
|---|---|---|---|---|---|
| | | | | | during the measurement hour. |
| avCmMeasToneRecSumTodayDTMRPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .32 | R | Integer32 (0..999) | DTMR-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |
| avCmMeasToneRecSumTodayGPTDPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .33 | R | Integer32 (0..999) | GPTD-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |
| avCmMeasToneRecSumTodayCLASPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .34 | R | Integer32 (0..999) | CLAS-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |
| avCmMeasToneRecSumTodayETRPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .35 | R | Integer32 (0..999) | ETR-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |

## Sample output of forms

```
list measurements tone-receiver detail today-peak

Switch Name:                                    Date: 4:33 am  MON JUN 1, 2015

                    TONE RECEIVER DETAIL MEASUREMENTS

                                  PN      PN        Peak      Total     Peak
      Hour  PN   Type             Req     Alloc     Alloc     Off-PN    Off-PN

      300    1   DTMF             0         0         0         0         0
      300    1   GPTD             0         0         0         0         0
      300    1   CC-TTR           0         0         0         0         0
      300    1   CC-CPTR          0         0         0         0         0
      300    1   CC-MFCR          0         0         0         0         0

Command successfully completed
Command:
```

## Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-AURA-CM-MIB.txt avCmMeasToneRecSumToday
```

```
avCmMeasToneRecSumTodayRunDate.0 = STRING: 4:41 am MON JUN 1, 2015
avCmMeasToneRecSumTodayMeasHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayDTMFHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayDTMFTReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMFPReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMFTQueued.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMFPQueued.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMFTDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMFPDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayGPTDTReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDPReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDTDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDPDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayCCTTRTReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRPReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRTQueued.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRPQueued.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRTDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRPDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCCPTRPDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayCCMFCRTReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRPReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRTDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRPDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayDTMRPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumTodayCLASPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumTodayETRPTTAvail.0 = INTEGER: 8
```

# avCmMeasToneRecSumYest

| MIB group name | OID | Type |
|---|---|---|
| avCmMeasToneRecSumYest Group | enterprises.6889.2.73.8.1.102 | Scalar |

### Description

The avCmMeasToneRecSumYest MIB Group uses the "list measurements tone-receiver summary yesterday" command to retrieve tone-receiver data from the listed hour.

### Releases Supported

6.3.100 and later

### Polling Type

Performance/Utilization

### Polling Interval

No more than once daily because the data is only updated at midnight.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Time-out should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Yellow/Medium: The data collected by this MIB Group might have some impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmMeasToneRecSumYest Group | SAT | list measurements tone-receiver summary yesterday | TONE RECEIVER SUMMARY MEASUREMENTS |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

### Command permissions or user profile

No special permissions needed.

### Objects

| Object Name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| Form/Report name | | | | | |
| avCmMeasToneRecSumYestRunDate | .1 | R | SnmpAdminString (0..28) | Date | An object containing the Date the command was executed. |
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | |
| avCmMeasToneRecSumYestMeasHour | .2 | R | Integer32 (0..99999) | Hour | An object containing the hour the measurement was taken. |
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | |
| avCmMeasToneRecSumYestDTMFHour | .3 | R | Integer32 (0..99999) | DTMF Hour | An object containing the hour the measurement was taken. |
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | |
| avCmMeasToneRecSumYestDTMFTReq | .4 | R | Integer32 (0..99999) | DTMF Total Request | An object containing the system-wide total number of |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | requests for tone receivers of this type for the measurement interval. |
| avCmMeasToneRecSumYestDTMFPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .5 | R | Integer32 (0..99999) | DTMF Peak Request | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumYestDTMFTQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .6 | R | Integer32 (0..99999) | DTMF Total Queued | An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval. |
| avCmMeasToneRecSumYestDTMFPQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .7 | R | Integer32 (0..99))) | DTMF Peak Queued | An object containing the system-wide peak number of requests queued at any one time during the measurement hour for tone receivers of this type. |
| avCmMeasToneRecSumYestDTMFTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .8 | R | Integer32 (0..9999) | DTMF Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumYestDTMFPDenied | .9 | R | Integer32 (0..9999) | DTMF Peak Denied | An object containing the system-wide peak number of requests that were |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| TONE RECEIVER SUMMARY MEASUREMENTS | | | | | denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumYestGPTDHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .10 | R | Integer32 (0..99999) | GPTD Hour | An object containing the Hour the measurement was taken. |
| avCmMeasToneRecSumYestGPTDTReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .11 | R | Integer32 (0..99999) | GPTD Total Req | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| avCmMeasToneRecSumYestGPTDPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .12 | R | Integer32 (0..99999) | GPTD Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumYestGPTDTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .13 | R | Integer32 (0..99999) | GPTD Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumYestGPTDPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .14 | R | Integer32 (0..99999) | GPTD Peak Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| | | | | | were available during the measurement hour. |
| avCmMeasToneRecSumYestCCTTRHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .15 | R | Integer32 (0..99999) | CC-TTR Hour | An object containing the Hour the measurement was taken. |
| aavCmMeasToneRecSumYestCCTTRReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .16 | R | Integer32 (0..99999) | CC-TTR Total Req | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| aavCmMeasToneRecSumYestCCTTRReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .17 | R | Integer32 (0..99999) | CC-TTR Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |
| avCmMeasToneRecSumYestCCTTRTQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .18 | R | Integer32 (0..99999) | CC-TTR Total Queued | An object containing the system-wide total number of requests queued for tone receivers of this type during the measurement interval. |
| avCmMeasToneRecSumYestCCTTRPQueued<br>TONE RECEIVER SUMMARY MEASUREMENTS | .19 | R | Integer32 (0..99999) | CC-TTR Peak Queued | An object containing the system-wide peak number of requests queued at any one time during the measurement hour for tone receivers of this type. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecSumYestCCTTRTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .20 | R | Integer32 (0..99999) | CC-TTR Total Denied | A An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumYestCCTTRPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .21 | R | Integer32 (0..99999) | CC-TTR Peak Denied | An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumYestCCCPTRHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .22 | R | Integer32 (0..99999) | CC-CPTR Hour | An object containing the Hour the measurement was taken. |
| avCmMeasToneRecSumYestCCCPTRTReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .23 | R | Integer32 (0..99999) | CC-CPTR Total Req | An An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| avCmMeasToneRecSumYestCCCPTRPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .24 | R | Integer32 (0..99999) | CC-CPTR Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecSumYestCCCPTRTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .25 | R | Integer32 (0..99999) | CC-CPTR Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumYestCCCPTRPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .26 | R | Integer32 (0..99999) | CC-CPTR Peak Denied | AAn object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumYestCCMFCRHour<br>TONE RECEIVER SUMMARY MEASUREMENTS | .27 | R | Integer32 (0..99999) | CC-MFCR Hour | An object containing the Hour the measurement was taken. |
| avCmMeasToneRecSumYestCCMFCRTReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .28 | R | Integer32 (0..99999) | CC-MFCR Total Req | An object containing the system-wide total number of requests for tone receivers of this type for the measurement interval. |
| avCmMeasToneRecSumYestCCMFCRPReq<br>TONE RECEIVER SUMMARY MEASUREMENTS | .29 | R | Integer32 (0..99999) | CC-MFCR Peak Req | An object containing the system-wide peak number of simultaneous requests for tone receivers of this type that occurred at any one time over the measurement interval. |

*Table continues…*

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmMeasToneRecSumYestCCMFCRTDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .30 | R | Integer32 (0..9999) | CC-MFCR Total Denied | An object containing the system-wide total number of requests that were denied because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumYestCCMFCRPDenied<br>TONE RECEIVER SUMMARY MEASUREMENTS | .31 | R | Integer32 (0..9999) | CC-MFCR Peak Denied | An object containing the system-wide peak number of requests that were denied at any one time because no receivers of this type were available during the measurement hour. |
| avCmMeasToneRecSumYestDTMRPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .32 | R | Integer32 (0..999) | DTMR-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |
| avCmMeasToneRecSumYestGPTDPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .33 | R | Integer32 (0..999) | GPTD-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |
| avCmMeasToneRecSumYestCLASPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .34 | R | Integer32 (0..999) | CLAS-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |
| avCmMeasToneRecSumYestETRPTTAvail<br>TONE RECEIVER SUMMARY MEASUREMENTS | .35 | R | Integer32 (0..999) | ETR-PT Total Avail | An object containing the number of ports available for the type of tone receiver. |

### Sample output of forms

```
list measurements tone-receiver summary yesterday-peak

Switch Name:                                    Date: 4:50 am  MON JUN 1, 2015

                        TONE RECEIVER SUMMARY MEASUREMENTS

      Meas              Total      Peak      Total      Peak      Total      Peak
Hour  Type              Req        Req       Queued     Queued    Denied     Denied

2300  DTMF                   0         0         0         0         0          0
2300  GPTD                   0         0                             0          0
2300  CC-TTR                 0         0         0         0         0          0
2300  CC-CPTR                0         0                             0          0
2300  CC-MFCR                0         0                             0          0

      TR Type           Total Avail         Capabilities

      DTMR-PT                 0             DTMF
      GPTD-PT                 0             GPTD
      CLAS-PT                 0             DTMF,CC-TTR,CC-CPTR,MFCR
      ETR-PT                  8             DTMF,CC-TTR,CC-CPTR,MFCR,GPTD

Command successfully completed
Command:
```

### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmMeasToneRecSumYest
avCmMeasToneRecSumYestRunDate.0 = STRING: 4:46 am MON JUN 1, 2015
avCmMeasToneRecSumYestMeasHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestDTMFHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestDTMFTReq.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMFPReq.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMFTQueued.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMFPQueued.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMFTDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMFPDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestGPTDTReq.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDPReq.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDTDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDPDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestCCTTRTReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRPReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRTQueued.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRPQueued.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRTDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRPDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestCCMFCRTReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRPReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRTDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRPDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMRPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumYestCLASPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumYestETRPTTAvail.0 = INTEGER: 8
```

# avCmSysParamCust

| MIB group name | OID | Type |
|---|---|---|
| avCmSysParamCust Group | enterprises.6889.2.73.8.1.103 | Scalar |

### Description

The avCmSysParamCust MIB Group uses the **`display system-parameters customer-options`** command to retrieve customer options data indicating whether a small selection of features is activated.

### Releases Supported

6.3.100 and later

### Polling Type

Configuration

Inventory and Configuration

### Polling Interval

No more than once daily.

### Default Caching Interval

600 seconds

### Timeout Interval

Initial Time-out should be set to 20 seconds.

### Retry Interval

Initial Retry should be set to 3.

### Limitations

Green/Low: The data collected by this MIB Group is minimal and therefore has a low impact on the system.

### Associated Communication Manager Commands:

| MIB group name | Bash/SAT | Associated command | Form/Report name |
|---|---|---|---|
| avCmSysParamCust Group | SAT | **`display system-parameters customer-options`** | OPTIONAL FEATURES |

### Reference Document

A detailed description of the command and form can be found in the *Maintenance Commands for Avaya Aura® Communication Manager, Branch Gateways and Servers* document. This document can be downloaded from http://support.avaya.com/document/.

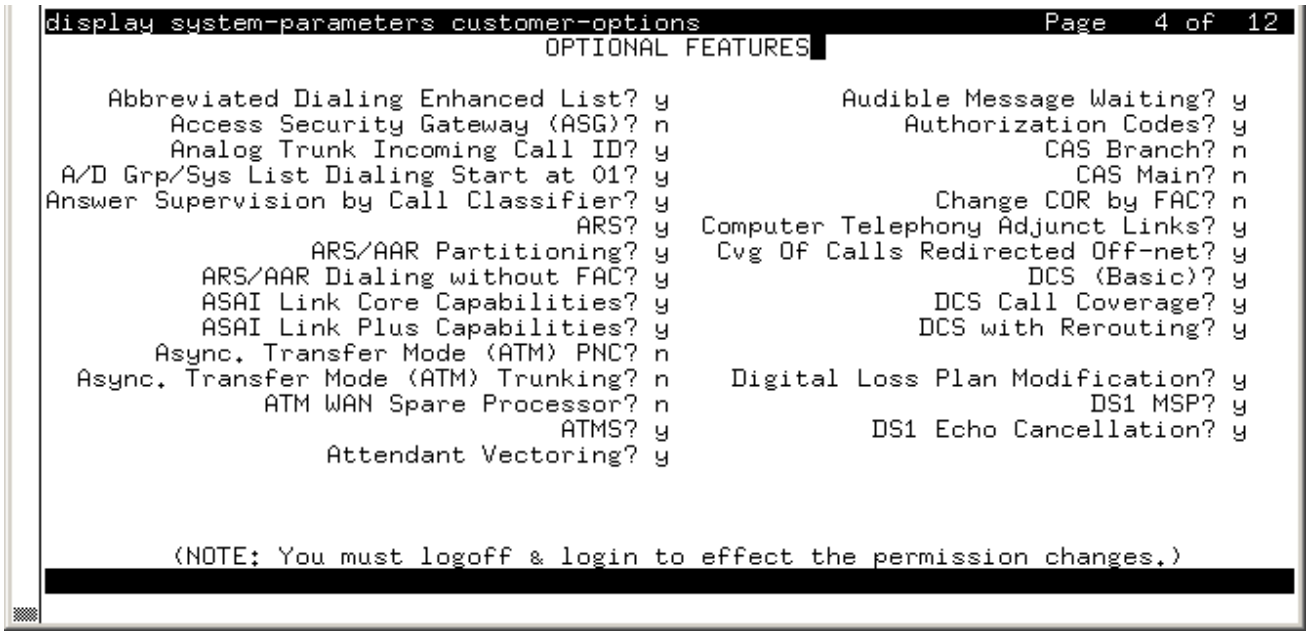
### Command permissions or user profile

No special permissions needed.

## Objects

| Object Name<br>Form/Report name | OID | R/W | Type | Field Name | Description |
|---|---|---|---|---|---|
| avCmSysParamCustPlat<br>OPTIONAL FEATURES | .1 | R | SnmpAdminString (SIZE (0..6)) | Platform | An object containing the platform of the server. |
| avCmSysParamCustESS<br>OPTIONAL FEATURES | .2 | R | SnmpAdminString (SIZE (0..2)) | Enterprise Survivable Server | An object containing whether the Enterprise Survivable Server feature is enabled. |
| avCmSysParamCustLSP<br>OPTIONAL FEATURES | .3 | R | SnmpAdminString (SIZE (0..2)) | Local Survivable Processor | An object containing whether the Local Survivable Processor feature is enabled. |
| avCmSysParamCustTenantPart<br>OPTIONAL FEATURES | .4 | R | SnmpAdminString (SIZE (0..2)) | Tenant Partitioning | An object containing whether the Tenant Partitioning feature is enabled. |
| avCmSysParamCustPortNetSup<br>OPTIONAL FEATURES | .5 | R | SnmpAdminString (SIZE (0..2)) | Port Network Support | An object containing whether the Port Network Support feature is enabled. |

## Sample output of forms



### Sample Output of SNMP Walk command:

```
server1> snmpwalk -t 20 -v2c -Os -c private xxx.xxx.xxx.xxx -m /usr/share/snmp/mibs/AVAYA-
AURA-CM-MIB.txt avCmSysParamCust
avCmSysParamCustPlat.0 = STRING: 28
avCmSysParamCustESS.0 = STRING: n
avCmSysParamCustLSP.0 = STRING: n
avCmSysParamCustTenantPart.0 = STRING: y
avCmSysParamCustPortNetSup.0 = STRING: y
```

# Chapter 3: SNMP administration

## Adding an SNMP agent using the web interface

### Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration** > **Server (Maintenance)**.
3. In the SNMP section, click **Access**.
4. Click **Add/Change**.
5. On the Access page:
   - To create an SNMPv1 user, in the SNMP Version 1 section, enter the following details:
     - IP address
     - Access
     - Community Name
   - To create an SNMPv2 user, in the SNMP Version 2 section, enter the following details:
     - IP address
     - Access
     - Community Name
   - To create an SNMPv3 user, in the SNMP Version 3 section, enter the following details:
     - Access
     - User Name
     - Authentication Protocol
     - Authentication Password
     - Privacy Protocol
     - Privacy Password
6. Click **Submit**.

## Access field descriptions

| Name | Description |
|---|---|
| **IP address** | Specifies the IP address of the SNMP polling system. |
| **Access** | Specifies the access permission for the user:<br>• read-only: Community or user can only query for information.<br>• read-write: Community or user can query agents for information (SNMPGETs) and send commands to an agent (SNMPSETs). |
| **Community Name** | Specifies the SNMP community name. The community name can have a minimum length of 1 and a maximum length of 31 characters. The system does not allow certain characters, such as:<br>• `<br>• \<br>• ‘<br>• &<br>• (blank)<br>• ”<br>• ;<br>• =<br>• , |
| **User Name** | Specifies a user to send traps to a destination. The user name can have a minimum length of 1 and a maximum length of 31 characters. The system does not allow certain characters, such as:<br>• `<br>• \<br>• ‘<br>• &<br>• (blank)<br>• ”<br>• ;<br>• =<br>• , |
| **Authentication Protocol** | Specifies the authentication protocol in use. The options are:<br>• MD5 |

*Table continues…*

| Name | Description |
|---|---|
| | • SHA |
| **Authentication Password** | Specifies a password for authentication and privacy. The password must have a minimum length of 8 and a maximum length of 64 characters. The system does not allow certain characters, such as:<br>• `<br>• \<br>• ‘<br>• &<br>• (blank)<br>• ”<br>• ;<br>• =<br>• , |
| **Privacy Protocol** | Specifies the privacy protocol in use. The options are:<br>• DES<br>• AES128 |
| **Privacy Password** | Specifies a password that the user specified in the **User Name** field must provide for privacy. The password must have a minimum length of 8 and a maximum length of 64 characters. The system does not allow certain characters, such as:<br>• `<br>• \<br>• ‘<br>• &<br>• (blank)<br>• ”<br>• ;<br>• =<br>• , |

# Modifying an SNMP agent using the web interface

## Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration** > **Server (Maintenance)**.

3. In the SNMP section, click **Access**.
4. Click **Add/Change**.
5. Update the following:
   - IP Addresses for SNMP Access
   - SNMP Users/Communities
6. Click **Submit**.

**Example**

# Deleting an SNMP agent using the web interface

**Procedure**

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration** > **Server (Maintenance)**.
3. In the SNMP section, click **Access**.
4. Select the agent that you want to delete.
5. Click **Delete**.

**Example**

# Viewing the status of agents using the web interface

**Procedure**

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration** > **Server (Maintenance)**.
3. In the SNMP section, click **Agent Status**.

# Adding an SNMP trap using the web interface

**Procedure**

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration** > **Server (Maintenance)**.
3. In the SNMP section, click **FP Traps**.
4. Click **Add/Change**.

5. On the Add Trap Destination page:
   - To create an SNMPv1 trap, in the SNMP Version 1 section, enter the following details:
     - IP address
     - Community Name
   - To create an SNMPv2 trap, in the SNMP Version 2 section, enter the following details:
     - IP address
     - Notification
     - Community Name
   - To create an SNMPv3 trap, in the SNMP Version 3 section, enter the following details:
     - IP address
     - Notification
     - User Name
     - Authentication Protocol
     - Authentication Password
     - Privacy Protocol
     - Privacy Password
     - Engine ID
6. Click **Submit**.

## FP Traps field descriptions

| Name | Description |
|---|---|
| **IP address** | Specifies the IP address of the SNMP polling system. |
| **Port** | Specifies the port number. The default port is 162. The value range is from 0 to 65535. |
| **Notification** | Refers to traps or inform requests. |
| **Community Name** | Specifies the SNMP community name. The community name can have a minimum length of 1 and a maximum length of 31 characters. The system does not allow certain characters, such as:<br>• `<br>• \<br>• ‘<br>• &<br>• (blank)<br>• ” |

*Table continues…*

| Name | Description |
|---|---|
| | • ;<br>• =<br>• , |
| **User Name** | Specifies a user to send traps to a destination. The user name can have a minimum length of 1 and a maximum length of 31 characters. The system does not allow certain characters, such as:<br>• `<br>• \<br>• ‘<br>• &<br>• (blank)<br>• ”<br>• ;<br>• =<br>• , |
| **Authentication Protocol** | Specifies the authentication protocol in use. The options are:<br>• MD5<br>• SHA |
| **Authentication Password** | Specifies a password for authentication and privacy. The password must have a minimum length of 8 and a maximum length of 64 characters. The system does not allow certain characters, such as:<br>• `<br>• \<br>• ‘<br>• &<br>• (blank)<br>• ”<br>• ;<br>• =<br>• , |
| **Privacy Protocol** | Specifies the privacy protocol in use. The options are:<br>• DES<br>• AES128 |
| **Privacy Password** | Specifies a password that the user specified in the **User Name** field must provide for privacy. The password must have a minimum length of 8 and a |

*Table continues…*

| Name | Description |
|---|---|
| | maximum length of 64 characters. The system does not allow certain characters, such as:<br>• `<br>• \<br>• ‘<br>• &<br>• (blank)<br>• ”<br>• ;<br>• =<br>• , |
| **Engine ID** | Specifies the unique SNMP Engine ID if you set the **Notification** field to `inform`. This field is disabled and set to `[local Engine ID]` if you set the **Notification** field to `trap`. |

# Generating a trap test using the web interface

### About this task

Use the procedure to send a test trap to the configured FP trap destination.

### Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration** > **Server (Maintenance)**.
3. In the SNMP section, click **FP Traps**.
4. Click **Generate Test Trap**.

# Modifying an administered SNMP trap using the web interface

### Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration** > **Server (Maintenance)**.
3. In the SNMP section, click **Agent Status**.

4. In the SNMP section, click **FP Traps**.
5. In theCurrent Settings section, select the trap that you want to modify.
6. Make the changes to the trap destination.
7. Click **Change**.
8. In the SNMP section, click **Agent Status**.

# Deleting an administered SNMP trap using the web interface

### Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration** > **Server (Maintenance)**.
3. In the SNMP section, click **FP Traps**.
4. In the Current Settings section, select the trap that you want to delete.
5. Click **Delete**.

# Viewing the AVAYA-AURA-CM-MIB.dat information

### Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration** > **Server (Maintenance)**.
3. In the SNMP section, click **Access**.
4. Click **View AVAYA-AURA-CM-MIB Data**.

# Viewing the AVAYA-AURA-CMALARM-MIB.dat information

### Procedure

1. Log in to the Avaya Aura® Communication Manager web interface.
2. Click **Administration** > **Server (Maintenance)**.
3. In the SNMP section, click **FP Traps**.
4. Click **View AVAYA-AURA-CM-ALARM-MIB Data**.

# Chapter 4: SNMP BASH Commands

## snmpagentsstatus

Use this command to display the status of SNMP agents.

**Syntax:**

```
snmpagentsstatus [-s process]
```

where,[*process*] is CMFPAgent, CMLoadAgent, or CMSubAgent whose status is to be displayed.

**Example:**

```
snmpagentsstatus [-s CMFPAgent]
```

## snmptrapconfig

Use this command to configure SNMP traps. You can add, modify, or delete a trap.

**Syntax:**

- For SNMP v1 and SNMP v2:

```
snmptrapconfig -v 1|2  --trap  -i <addr> [--old_ipaddr <ipaddr>] --port<number> -c
<comm_name> [-o <comm_name> ] --add | --delete | --change where,
```

-v: SNMP version

--trap: Trap entry

-i: Destination IP address

--old_ipaddr: Previous destination IP address

--port: Port Number

-c: Community name

-o: Previous community name

--add: Add trap

--delete: Delete trap

--change: Modify trap

- For SNMP v3:

```
snmptrapconfig -v 3 --trap -i <ipaddr> [--old_ipaddr <ipaddr>] -u <user> [-o
<user> ] [ -s authNoPrivauthPriv] [ -a auth_passwd [-p --priv_prot <protocol>] --add
| --delete | --change where,
```

-v: SNMP version

--trap: Trap entry

-i: Destination IP address

--old_ipaddr: Previous destination IP address

-u: User name

-o: Previous community name

-s: Security model

-a: Authentication password

--auth_prot: Authentication protocol

-p: Privacy password

--priv_prot: Privacy protocol

--add: Add trap

--delete: Delete trap

--change: Modify trap

**Example:**

- Version 1:

```
snmptrapconfig -v 1 --trap -i 135.9.36.44 --port162-c public--add
```

```
snmptrapconfig -v 1 --trap -i 135.9.36.43 --old_ipaddr 135.9.36.44--port 162 -c
private -o public--change
```

```
snmptrapconfig -v 1 --trap -i 135.9.36.43 --port 162
-c private --delete
```

- Version 2:

```
snmptrapconfig -v 2 --trap -i 135.9.36.44 --port 162 -c public
-add
```

```
snmptrapconfig -v 2 --trap -i 135.9.36.43 --old_ipaddr 135.9.36.44 --port 162 -c
private -o public--change
```

```
snmptrapconfig -v 1 --trap -i 135.9.36.43 --port 162
-c private --delete
```

- Version 3:

```
snmptrapconfig -v 3 --trap -i 135.9.36.44 -u user1 -sauthNoPriv-aauthpasswd--
auth_protMD5-pprivpasswd --priv_prot DES --add
```

```
snmptrapconfig -v 3 --trap -i 135.9.36.44 -u username-ouser1 -sauthNoPriv-
aauthpasswd--auth_protMD5-pprivpasswd --priv_prot DES --change
```

```
snmptrapconfig -v 3 --trap -i 135.9.36.44 -u username  --delete
```

# snmpuserconfig

Use the **snmpuserconfig** command to configure SNMP users. You can add, modify, or delete a user.

### Syntax:

- For SNMP v1 and SNMP v2:

```
snmpuserconfig -v 1|2 -r|-w -i <ipaddr> [--old_ipaddr <ipaddr>] -c<comm_name> [-o
<comm_name>] --add | --delete | --change where,
```

-v: SNMP version

-r: Read-only access

-w: Read-write access

-i: Destination IP address

--old_ipaddr: Previous destination IP address

-c: Community name

-o: Previous community name

--add: Add user

--delete: Delete user

--change: Modify user

- For SNMP v3:

```
snmpuserconfig -v 3 -r|-w -u <user> [-o <user>] [-s]authNoPriv | authPriv [-a
auth_passwd] [--auth_prot<protocol>][-p <priv_passwd>] [--priv_prot <protocol>] --
add | --delete | --change where,
```

-v: SNMP version

-r: Read-only access

-w: Read/write access

-u: User name

-o: Previous user name

-s: Security model

-a: Authentication password

--auth_prot: Authentication protocol

-p: Privacy password

--priv_prot: Privacy protocol

--add: Add user

--delete: Delete user

--change: Modify user

### Example:

- Version 1:

```
snmpuserconfig -v 1 -r -i 135.9.36.44 -c public--add
snmpuserconfig -v 1 -r -i 135.9.36.43 --old_ipaddr135.9.36.44-c private-o public --change
snmpuserconfig -v 1 -r -i 135.9.36.43 -c private --delete
```

- Version 2:

```
snmpuserconfig -v 2 -w -i 135.9.36.44 -cpublic--add
snmpuserconfig -v 2 -r -i 135.9.36.43 --old_ipaddr135.9.36.44-cprivate -opublic --change
snmpuserconfig -v 2 -w -i 135.9.36.43 -c private--delete
```

- Version 3:

```
snmpuserconfig -v3 -w -u user1 -sauthPriv-aauthpasswd--auth_protMD5-pprivpasswd-p--
priv_protDES --add
snmpuserconfig -v3 -w -u username -ouser1-sauthPriv-aauthpasswd--auth_protMD5-
pprivpasswd--priv_protDES--change
snmpuserconfig -v3 -w -u user1 --delete
```

# testcustalm

Use the **testcustalm** command to test the working of the alarm processing between the system and the receiver.

### Syntax:

```
testcustalm
```

No command-line parameter is required with this command.

### Example:

```
testcustalm
```

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