



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 Manager supported 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 plain-text strings known as communities.
- SNMP Version 2c (SNMP v2c): The security in SNMP v2c is based on plain-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	<code>swversion</code>	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	OID	R/W	Type	Field Name	Description
avCmVersionOperSystem	.1	R	SnmpAdminString (SIZE (0..50))	Operating System:	An object containing the operating system running on the server.
Communication Manager Software Version					
avCmVersionBuildDate	.2	R	SnmpAdminString (SIZE (0..25))	Built:	An object containing operation system build date.
Communication Manager Software Version					
avCmVersionLoadNumber	.3	R	SnmpAdminString (SIZE (0..15))	Contains:	An object containing the date and time that the license was installed on the Communication Manager server.
Communication Manager Software Version					
avCmVersionRIsNumber	.4	R	SnmpAdminString (SIZE (0..25))	CM Reports as:	An object containing the current Communication Manager release number running on the server.
Communication Manager Software Version					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmVersionRIsString	.5	R	SnmpAdminString (SIZE (0..25))	CM Release String:	An object containing the Communication Manager Software release string.
Communication Manager Software Version					
avCmVersionVMToolsV ersVM Only	.6	R	SnmpAdminString (SIZE (0..28))	VMwaretools version:	An object containing the VMwaretools version string (Only displayed on VMware platform).
Communication Manager Software Version					
avCmVersionTransSav ed	.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.
Communication Manager Software Version					
avCmVersionLicInstalle d	.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.
Communication Manager Software Version					
avCmVersionMemConfi g	.9	R	SnmpAdminString (SIZE (0..20))	CM Memory Config:	An object containing the memory configuration on the Communication Manager server.
Communication Manager Software Version					

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	<code>almdisplay -serv -w</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.2	R	Integer32 (0..400)	ID	An object that displays the abbreviated name of the Source which generated the alarm.
Server Alarms					
avCmServerAlarmSource	.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.
Server Alarms					
avCmServerAlarmEventID	.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.
Server Alarms					
avCmServerAlarmLevel	.1.1.5	R	SnmpAdminString (SIZE (0..4))	Lvl	An object that displays Y or N,

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
Server Alarms					indicating whether or not the alarm has been acknowledged by INADS.
avCmServerAlarmAck	.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).
Server Alarms					
avCmServerAlarmDate	.1.1.7	R	SnmpAdminString (SIZE0..35))	Date	An object that contains the date the Server Alarms was generated.
Server Alarms					
avCmServerAlarmDescription	.1.1.8	R	SnmpAdminString (SIZE0..120))	Description	An object that contains a description of the Server Alarms.
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 CONFIGURATION report 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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmConfigurationTable	.1	n/a	n/a	n/a	A list of the avCmConfiguration entries.
avCmConfigurationEntry	.1.1	n/a	n/a	n/a	A avCmConfiguration entry containing objects of the avCmConfiguration information sent by the switch.
avCmConfigurationBoardIdx	.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	.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:
SYSTEM CONFIGURATION					

Table continues...

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

Sample output of forms

```

List configuration all Page 1
SYSTEM CONFIGURATION
Board Number Board Type Code Vintage Assigned Ports
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
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 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 F5=Help F6=Update F7=Next 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
    
```

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	<code>productid</code>	Product ID
	Bash	<code>server</code>	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					
avCmServerInfoProduct ID	.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					
avCmServerInfoServer1Name	.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	OID	R/W	Type	Field Name	Description
Form/Report name					
					responses are 'active', 'standby', 'dormant', and 'busyout'.
avCmServerInfoServer2 Name	.7	R	SnmpAdminString (SIZE (0..30))	n/a	An object containing the IP address of Server 2.
SERVER STATUS					
avCmServerInfoServer2 IPAddr	.8	R	SnmpAdminString (SIZE (0..50))	n/a	An object containing the IP address of Server 2.
SERVER STATUS					
avCmServerInfoServer2 State	.9	R	SnmpAdminString (SIZE (0..20))	Mode	An object containing the current state of Server 2. Valid responses are 'active', 'standby', 'dormant' and 'busyout'.
SERVER STATUS					
avCmServerInfoServer Type	.10	R	SnmpAdminString (SIZE (0..20))	Server Type	An object containing the hardware server type.
SERVER STATUS					
avCmServerInfoSurvRemoteConfig	.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', 'isp' and 'unset'.
SERVER STATUS					
avCmServerInfoSurvCoreConfig	.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', 'isp' and 'unset'.
SERVER STATUS					
avCmServerInfoStdbyRefresh	.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.
SERVER STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					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 dupserver2
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	<code>display alarms</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmAlarmsTable	.1	n/a	n/a	n/a	A list of the avCmAlarms entries.
avCmAlarmsEntry	.1.1	n/a	n/a	n/a	An avCmAlarms entry containing objects of the avCmAlarms

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					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 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 ALARM REPORT	.1.1.5	R	SnmpAdminString (SIZE (0..9))	Mtce Name	An object that contains the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					Maintenance Object Name.
avCmAlarmsOnBrd 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 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 ALARM REPORT	.1.1.8	R	SnmpAdminString (SIZE (0..8))	Alarm Type	An object that contains the alarm severity.
avCmAlarmsSvcState ALARM REPORT	.1.1.9	R	SnmpAdminString (SIZE (0..4))	Svc State	An object that contains the service state of the alarmed object.
avCmAlarmsAck 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 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 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 Name	On Brd?	Alt Name	Alarm Type	Svc State	Ack? 1 2	Date Alarmed	Date 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	<code>display errors</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	OID	R/W	Type	Field Name	Description
avCmErrorsPort	.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).
ERROR REPORT					
avCmErrorsMtceName	.1.1.5	R	SnmpAdminString (SIZE (0..9))	Mtce Name	An object that contains the Maintenance Object Name.
ERROR REPORT					
avCmErrorsAltName	.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.
ERROR REPORT					
avCmErrorsErrType	.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.
ERROR REPORT					
avCmErrorsAuxData	.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.
ERROR REPORT					
avCmErrorsFirstLastOccurrence	.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.
ERROR REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmErrorsErrCnt	. 1.1.1 0	R	SnmpAdminString (SIZE (0..4))	err Cnt	An object that contains a numeric count of the occurrence of error.
ERROR REPORT					
avCmErrorsErrRt	. 1.1.1 1	R	SnmpAdminString (SIZE (0..4))	Err Rt	An object that contains the error rate occurrences of the error hour.
ERROR REPORT					
avCmErrorsRtHr	. 1.1.1 2	R	SnmpAdminString (SIZE (0..4))	Rt Hr	A DisplayString Object containing the error rate per hour.
ERROR REPORT					
avCmErrorsAlSt	. 1.1.1 3	R	SnmpAdminString (SIZE (0..2))	Alm St	An object that contains the alarm state of the error.
ERROR REPORT					
avCmErrorsAc	. 1.1.1 4	R	SnmpAdminString (SIZE (0..2))	Ac	An object that contains the Maintenance Object active state.
ERROR REPORT					

Sample output of forms

```

display errors Page 1

```

HARDWARE ERROR REPORT - ACTIVE ALARMS										
Port	Mtce Name	Alm Name	Err Type	Aux Data	First/Last Occurrence	Err Cnt	Err Rt	Rt/ Hr	Al St	Ac
	DLY-MTCE		542	60410	05/19/22:06 05/26/22:05	8	0	0	a	n
	NR-CONN		1		05/20/08:32 05/27/10:02	255	1	7	a	y
604	ISDN-SGR		769		05/19/11:00 05/27/09:59	255	1	9	a	y
604	ISDN-SGR		1793		05/19/11:00 05/27/10:01	255	1	7	a	y
002V4	MG-DS1		1	0	05/19/11:03 05/19/11:13	2	12	0	a	n
004V3	MG-DS1		1	0	05/19/11:03 05/19/11:13	2	12	0	a	n
004V7	MG-DS1		1	0	05/19/11:03 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	OID	R/W	Type	Field Name	Description
avCmListStationTable STATIONS	.1	n/a	SEQUENCE OF avCmListStationR angeEntry	n/a	A list of the avCmServerAlarm s entries.
avCmListStationIdx STATIONS	.1.1	n/a	avCmListStationR angeEntry	n/a	A avCmServerAlarm entry containing objects of the avCmServerAlarm information sent by the switch.
avCmListStationExtensi on STATIONS	.1.1.1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object containing an index that uniquely identifies an administered station.
avCmListStationType STATIONS	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Ext	An object containing the stations extension.
avCListStationType STATIONS	.1.1.3	R	SnmpAdminString (SIZE (0..10))	Type	An object containing the station type.
avCmListStationName STATIONS	.1.1.4	R	SnmpAdminString (SIZE (0..28))	ID	An object containing the name assigned to the station.
avCmListStationPort 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
          4620
          no
          1      1
1001      S00001
          4620
          no
          1      1
1002      006V806
          6424D+
          no
          1      1
1003      S00002      IP-1003-Kenny
          4610
          no
          1      1
1004      S00005
          9630SIP
          no
          1      1
1005      S00006
          9620SIP
          no
          1      1
1006      S00007
          9620SIP
          no
          1      1
          press CANCEL to quit -- press NEXT PAGE to continue
          F1=Cancel F2=Refresh F3=Submit F4=Clr F1d 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 xxxxxx	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	OID	R/W	Type	Field Name	Description
avCmListStationRange StartExt	.1	R/W	SnmpAdminString (SIZE (0..17))	n/a	An object containing the starting Extension location. (scalar)
avCmListStationRange Count	.2	R/W	SnmpAdminString (SIZE (1..100))	n/a	An object containing the number of stations to list. (scalar)
avCmListStationRange Table	.3.1	n/a	SEQUENCE OF avCmListStationRa ngeEntry	n/a	A list of the avCmListStationRan ge entries.
avCmListStationRange Entry	.3.1.1	n/a	SEQUENCE OF avCmListStationRa ngeEntry	n/a	A avCmListStationRan ge entry containing objects of the avCmListStationRan ge information sent by the switch
avCmListStationRangeI dx	.3.1.2	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object that uniquely identifies each Server Alarm.
avCmListStationRange Extension	.3.1.3	R	SnmpAdminString (SIZE (0..17))	Ext	An object that contains the station extension.
STATIONS					
avCmListStationRange Name	.3.1.4	R	SnmpAdminString (SIZE (0..8))	Type	An object containing the station type.
STATIONS					
avCmListStationRange Port	.3.1.5	R	SnmpAdminString (SIZE (0..28))	Name	An object containing the name assigned to the station.
STATIONS					
avCmListStationRange Building	.3.1.6	R	SnmpAdminString (SIZE (0..8))	Port	An object containing the stations port assignment.
STATIONS					
avCmListStationRange Floor	.3.1.7	R	SnmpAdminString (SIZE (0..11))	ID	An object containing the building location of the station.
STATIONS					
avCmListStationRange Room	.3.1.8	R	SnmpAdminString (SIZE (0..11))	ID	An object containing the floor location of the station.
STATIONS					

Table continues...


```

display station 1003                                     Page 1 of 5
STATION
Extension: 1003                                         Lock Messages? n          BCC: 0
Type: 4610                                             Security Code: 12345      TN: 1
Port: S00002                                          Coverage Path 1:         COR: 1
Name: IP-1003-Kenny                                   Coverage Path 2:         COS: 1
                                                         Hunt-to Station:        Tests? y

STATION OPTIONS
Loss Group: 19                                         Time of Day Lock Table:
                                                         Personalized Ringing Pattern: 1
                                                         Message Lamp Ext: 1003
                                                         Mute Button Enabled? y
Speakerphone: 2-way
Display Language: english
Survivable GK Node Name:
Survivable COR: internal                               Media Complex Ext:
Survivable Trunk Dest? y                               IP SoftPhone? n
                                                         IP Video? n
Short/Prefixed Registration Allowed: default
                                                         Customizable Labels? y

```

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

```

MIB Groups

```
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	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	<code>list trunk-group</code>	TRUNK_GROUPS
	SAT	<code>display trunk-group</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.2	R	Integer32 (0..2000)	n/a	An object that uniquely identifies each Trunk Group.
TRUNK GROUPS					
avCmListTrunkGrpType	.1.1.3	R	SnmpAdminString (SIZE (0..14))	Board Number	List Command: Does not display this field. Display Command: Service Type
TRUNK GROUPS					
avCmListTrunkGrpName	.1.1.4	R	SnmpAdminString (SIZE (0..28))	Board Type	List Command: Does not display this field. Display Command: Comm Type
TRUNK GROUPS					
avCmListTrunkTAC	.1.1.5	R	SnmpAdminString (SIZE (0..5))	Code	List Command: Does not display this field. Display Command: Trunk Type
TRUNK GROUPS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmListTrunkDirection	.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.
TRUNK GROUP					
avCmListTrunkServiceType	.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.
TRUNK GROUP					
avCmListTrunkCommo nType	.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.
TRUNK GROUP					
avCmListTrunkTrunkTy pe	.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.
TRUNK GROUP					

Sample output of forms

```

list trunk-group                                     Page 1
                                     TRUNK GROUPS
Grp No.  TAC  Group Type  Group Name  No. Mem TN  COR CDR Meas  Out Que
                                     Disp 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 F1d F5=Help F6=Update F7=Next 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
:
:

```

MIB Groups

```
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	<code>list trunk xxxxx count x</code>	TRUNK GROUPS
	SAT	<code>display trunk xxxxx</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListTrunkRangeStartGrp	.1	R/W	Integer32 (0..2000)	n/a	An object containing the starting trunk group. (scalar)
avCmListTrunkRangeCount	.2	R/W	Integer32 (1..100)	n/a	An object containing the number of trunks to list.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					(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	.3.1.2	R	Integer32 (0..2000)	List Command: Grp No Display Command: Group Number	An object that uniquely identifies each Trunk Group.
TRUNK GROUPS					
avCmListTrunkRangeTAC	.3.1.3	R	SnmpAdminString (SIZE (0..17))	TAC	An object that contains the Access Code for the Trunk Group.
TRUNK GROUPS					
avCmListTrunkRangeGrpType	.3.1.4	R	SnmpAdminString (SIZE (0..8))	Type	An object containing the trunk group type.
TRUNK GROUPS					
avCmListTrunkRangeGrpName	.3.1.5	R	SnmpAdminString (SIZE (0..28))	Name	An object containing the name assigned to the trunk.
TRUNK GROUPS					
avCmListTrunkRangeGrpNoMem	.3.1.6	R	Integer32 (0..255)	No. Mem	An object containing the trunk group number of ports assigned.
TRUNK GROUPS					
avCmListTrunkRangeSigGrp	.3.1.7	R	Integer32 (0..999)	Signaling Group	An object containing the signaling group of the sip trunk group.
TRUNK GROUPS					
avCmListTrunkRangeGrpSigType	.3.1.8	R	SnmpAdminString (SIZE (0..8))	Trunk Signaling Type	An object containing the Trunk Signaling Type of the trunk group.
TRUNK GROUPS					

Table continues...

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

Sample output of forms

```
list trunk-group 1 count 100 Page 1
TRUNK GROUPS
Grp No. TAC Group Type Group Name No. Mem TN COR CDR Meas Out Que
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 F1d 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

```

MIB Groups

```
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	<code>display capacity</code>	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
avCmCapacityAsaiActCtrlAsscUse	.1	R	Integer32 (0..99999)	Active Controlling Associations	An object that contains the number of Used Controlling Associations.
SYSTEM CAPACITY					
avCmCapacityAsaiActCtrlAsscAvail	.2	R	Integer32 (0..99999)	Active Controlling Associations	An object that contains the number of available active Associations.
SYSTEM CAPACITY					
avCmCapacityAsaiActCtrlAsscSysLim	.3	R	Integer32 (0..99999)	Active Controlling Associations	An object that contains the System Limit of Active Controlling Associations.
SYSTEM CAPACITY					
avCmCapacityAsaiNotifReqUsed	.4	n/a	Integer32 (0..99999)	Notification Requests Used	An object that contains the number of Used Notification Requests.
SYSTEM CAPACITY					
avCmCapcityAsaiNotifReqAvail	.5	R	Integer32 (0..99999)	Notification Requests	An object that contains the number of Available Notification Requests.
SYSTEM CAPACITY					
avCmCapacityAsaiNotifReqSysLim	.6	R	Integer32 (0..99999)	Notification Requests	An object that contains the system limit of Notification Requests.
SYSTEM CAPACITY					
avCmCapcityAsaiSimActAdjCtrlCallUsed	.7	R	Integer32 (0..99999)	Simultaneous Active Adjunct Controlled Calls	An object that contains the number of Used Simultaneous Active Adjunct Controlled Calls.
SYSTEM CAPACITY					
avCmCapcityAsaiSimActAdjCtrlCalAvail	.8	R	Integer32 (0..99999)	Simultaneous Active Adjunct Controlled Calls	An object that contains the number of available Simultaneous Active Adjunct Controlled Calls.
SYSTEM CAPACITY					
avCmCapacityAsaiSimActAdjCtrlCallSysLim	.9	R	Integer32 (0..99999)	Notification Requests	An object that contains the System Limit of Simultaneous Active

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					Adjunct Controlled Calls.

Sample output of forms

```

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

                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	<code>display capacity</code>	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	OID	R/W	Type	Field Name	Description
avCmCapacityBcmsMeasAgentAvail	.2	R	Integer32 (0..99999)	BCMS Measured Agents	An object that contains the number of Available BCMS Measured Agents.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasAcMemAvail	.3	R	Integer32 (0..99999)	BCMS Measured Agents	An object that contains the System L of Available BCMS Measured Agents.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasAcMemAvail	.4	R	Integer32 (0..99999)	BCMS Measured ACD Members	An object that contains the number of used BCMS Measured ACD members.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasAcMemAvail	.5	R	Integer32 (0..99999)	BCMS Measured ACD Members	An object that contains the number of available BCMS Measured ACD Members.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasAcMemAvail	.6	R	Integer32 (0..99999)	BCMS Measured ACD Members	An object that contains the system limit of available BCMS Measured ACD Members.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasSpliSkillUsed	.7	R	Integer32 (0..99999)	BCMS Measured Splits/Skills	An object that contains the number of Used BCMS Measured Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasSpliSkillAvail	.8	R	Integer32 (0..99999)	BCMS Measured Splits/Skills	An object that contains the number of available BCMS Measured Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasSpliSkillAvail	.9	R	Integer32 (0..99999)	CMS Measured Splits/Skills	An object that contains the number of available CMS Measured Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityBcmsMeasVdnUsed	.10	R	Integer32 (0..99999)	BCMS Measured VDNs	An object that contains the number of used BCMS Measured VDNs.
SYSTEM CAPACITY					

Table continues...

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

Sample output of forms

```

display capacity                                     Page 2 of 14
                                SYSTEM CAPACITY
                                Used Available System
                                ----- 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::avCmCapacityBcmsMeasAcidMemUsed.0 = INTEGER: 0
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAcidMemAvail.0 = INTEGER: 40000
AVAYA-AURA-CM-MIB::avCmCapacityBcmsMeasAcidMemSysLim.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	OID	R/W	Type	Field Name	Description
avCmCapacityCallVecTotalVdnUsed	.1	R	Integer32 (0..99999)	Total Vector Directory Numbers	An object that contains the number of used total Vector Directory Numbers.
SYSTEM CAPACITY					
Total Vector Directory Numbers	.2	R	Integer32 (0..99999)	Total Vector Directory Numbers	An object that contains the number of available total Vector Directory Numbers.
SYSTEM CAPACITY					
avCmCapacityCallVecTotalVdnSysLim	.3	R	Integer32 (0..99999)	Total Vector Directory Numbers	An object that contains the system limit of available total Vector Directory Numbers.
SYSTEM CAPACITY					
avCmCapacityCallVecMeetMeVdnUsed	.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.
SYSTEM CAPACITY					
avCmCapacityCallVecMeetMeVdnAvail	.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.
SYSTEM CAPACITY					
avCmCapacityCallVecMeetMeVdnSysLim	.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.
SYSTEM CAPACITY					
avCmCapacityCallVecMaxExpMeetMePtsUsed	.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.
SYSTEM CAPACITY					
avCmCapacityCallVecMaxExpMeetMePtsAvail	.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.
SYSTEM CAPACITY					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmCapacityCallVec MaxExpMeetMePtsSys Lim	.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.
SYSTEM CAPACITY					
avCmCapacityCallVecT otalVectorsUsed	.10	R	Integer32 (0..99999)	Total Vectors Per System	An object that contains the number of used total vectors per system.
SYSTEM CAPACITY					
avCmCapacityCallVecT otalVectorsAvail	.11	R	Integer32 (0..99999)	Total Vectors Per System	An object that contains the number of available total vectors per system.
SYSTEM CAPACITY					
avCmCapacityCallVecT otalVectorsSysLim	.12	R	Integer32 (0..99999)	Total Vectors Per System	An object that contains the system limit of used total vectors per system.
SYSTEM CAPACITY					
avCmCapacityCallVec MeetMeVectorsUsed	.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.
SYSTEM CAPACITY					
avCmCapacityCallVec MeetMeVectorsAvail	.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.
SYSTEM CAPACITY					
avCmCapacityCallVec MeetMeVectorsSysLim	.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.
SYSTEM CAPACITY					
avCmCapacityCallVecB srAppLocPairsUsed	.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.
SYSTEM CAPACITY					
avCmCapacityCallVecB srAppLocPairsAvail	.17	R	Integer32 (0..99999)	BSR Application- Location Pairs Per System	An object that contains the number of available maximum BSR
SYSTEM CAPACITY					

Table continues...

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

Table continues...

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

Sample output of forms

```

display capacity                                     Page 3 of 14
                SYSTEM CAPACITY
                Used Available System
                ----- 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     500     500
  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	<code>display capacity</code>	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					
avCmCapacityDialPlan ExtUsed	.1	R	Integer32 (0..99999)	Extensions	An object that contains the number of used extensions.
SYSTEM CAPACITY					
avCmCapacityDialPlan ExtAvail	.2	R	Integer32 (0..99999)	Extensions	An object that contains the number of available extensions.
SYSTEM CAPACITY					
avCmCapacityDialPlan ExtSysLim	.3	R	Integer32 (0..99999)	Extensions	An object that contains the system limit of extensions.
SYSTEM CAPACITY					
avCmCapacityDialPlan MiscExtUsed	.4	R	Integer32 (0..99999)	Miscellaneous Extensions	An object that contains the number of used miscellaneous extensions.
SYSTEM CAPACITY					
avCmCapacityDialPlan MiscExtAvail	.5	R	Integer32 (0..99999)	Miscellaneous Extensions	An object that contains the number of available miscellaneous extensions.
SYSTEM CAPACITY					
avCmCapacityDialPlan MiscExtSysLim	.6	R	Integer32 (0..99999)	Miscellaneous Extensions	An object that contains the system limit of miscellaneous extensions.
SYSTEM CAPACITY					

Sample output of forms

```

display capacity                                     Page 4 of 14
                                SYSTEM CAPACITY
                                Used Available System
                                ----- 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	<code>display capacity</code>	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					
avCmCapacityHuntGrp sSpSkUsed	.1	R	Integer32 (0..99999)	Groups/Splits/Skills	An object that contains the number of used Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sSpSkAvail	.2	R	Integer32 (0..99999)	Groups/Splits/Skills	An object that contains the number of available Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sSpSkSysLim	.3	R	Integer32 (0..99999)	Groups/Splits/Skills	An object that contains the system limit of Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityHuntGrp sAdmLogAgtUsed	.4	R	Integer32 (0..99999)	Administered Logical Agents	An object that contains the number of used
SYSTEM CAPACITY					

Table continues...

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

Table continues...

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

Table continues...

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

Sample output of forms

```

display capacity                                     Page 5 of 14
                                     SYSTEM CAPACITY
                                     -----
                                     Used Available System
                                     -----
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	<code>display capacity</code>	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	OID	R/W	Type	Field Name	Description
avCmCapacityAnnounceAdmAnnFileAvail	.2	R	Integer32 (0..99999)	Administered Announcement Files	An object that contains the number of available administered announcement files.
SYSTEM CAPACITY					
avCmCapacityAnnounceAdmAnnFileSysLim	.3	R	Integer32 (0..99999)	Administered Announcement Files	An object that contains the system limit of administered announcement files.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2501ValBrdUsed	.4	R	Integer32 (0..99999)	TN2501 VAL Boards	An object that contains the number of used TN2501 VAL Boards.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2501ValBrdAvail	.5	R	Integer32 (0..99999)	TN2501 VAL Boards	An object that contains the number of available TN2501 VAL Boards.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2501ValBrdSysLim	.6	R	Integer32 (0..99999)	TN2501 VAL Boards	An object that contains the system limit of TN2501 VAL Boards.
SYSTEM CAPACITY					
avCmCapacityAnnounceMGValSrcUsed	.7	R	Integer32 (0..99999)	Media Gateway vVAL Sources	An object that contains the number of used Media Gateway vVAL Sources.
SYSTEM CAPACITY					
avCmCapacityAnnounceMGValSrcAvail	.8	R	Integer32 (0..99999)	Media Gateway vVAL Sources	An object that contains the number of available Media Gateway vVAL Sources.
SYSTEM CAPACITY					
avCmCapacityAnnounceMGValSrcSysLim	.9	R	Integer32 (0..99999)	Media Gateway vVAL Sources	An object that contains the system limits of Media Gateway vVAL Sources.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2602Brds80ChUsed	.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.
SYSTEM CAPACITY					
avCmCapacityAnnounceTN2602Brds80ChAvail	.11	R	Integer32 (0..99999)	TN2602 Boards with 80 VoIP Channels	An object that contains the number

Table continues...

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

Sample output of forms

```

display capacity                                     Page 6 of 14
SYSTEM CAPACITY
Used Available System
-----
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	<code>display capacity</code>	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					
avCmCapacityTrunksD S1CirPksUsed	.1	R	Integer32 (0..99999)	DS1 Circuit Packs	An object that contains the number of used Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmCapacityTrunksD S1CirPksAvail	.2	R	Integer32 (0..99999)	DS1 Circuit Packs	An object that contains the number

Table continues...

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

Table continues...

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

Table continues...

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

Table continues...

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

Sample output of forms

```

display capacity                                     Page 7 of 14
                                SYSTEM CAPACITY
                                -----
                                Used Available System
                                -----
                                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	<code>display capacity</code>	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					
avCmCapacityVoiceTermStatWithPtUsed	.1	R	Integer32 (0..99999)	Stations With Port	An object that contains the number of used station with ports.
SYSTEM CAPACITY					
avCmCapacityVoiceTermStatWithPtAvail	.2	R	Integer32 (0..99999)	Stations With Port	An object that contains the number of available station with ports.
SYSTEM CAPACITY					
avCmCapacityVoiceTermStatWithPtSysLim	.3	R	Integer32 (0..99999)	Stations With Port	An object that contains the system limit of station with ports.
SYSTEM CAPACITY					
avCmCapacityVoiceTermTTIportsUsed	.4	n/a	Integer32 (0..99999)	DS1 With Echo Cancellation	An object that contains the number of used DS1 With Echo Cancellation.
SYSTEM CAPACITY					
avCmCapacityVoiceTermTTIportsAvail	.5	R	Integer32 (0..99999)	DS1 With Echo Cancellation	An object that contains the number of available DS1 With Echo Cancellation.
SYSTEM CAPACITY					
avCmCapacityVoiceTermTTIportsSysLim	.6	R	Integer32 (0..99999)	DS1 With Echo Cancellation	An object that contains the system limit of DS1 With Echo Cancellation.
SYSTEM CAPACITY					

Sample output of forms

```

display capacity                                     Page 8 of 14
SYSTEM CAPACITY
VOICE TERMINALS
Used Available System
-----
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	OID	R/W	Type	Field Name	Description
avCmCapacityLicStatTr kPtsUsed	.1	R	Integer32 (0..99999)	Station and Trunk Ports	An object that contains the number of used station and trunk ports.
SYSTEM CAPACITY					
avCmCapacityLicStatTr kPtsAvail	.2	R	Integer32 (0..99999)	Station and Trunk Ports	An object that contains the number of available station and trunk ports.
SYSTEM CAPACITY					
avCmCapacityLicStatTr kPtsLicLim	.3	R	Integer32 (0..99999)	Station and Trunk Ports	An object that contains the system

Table continues...

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

Table continues...

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

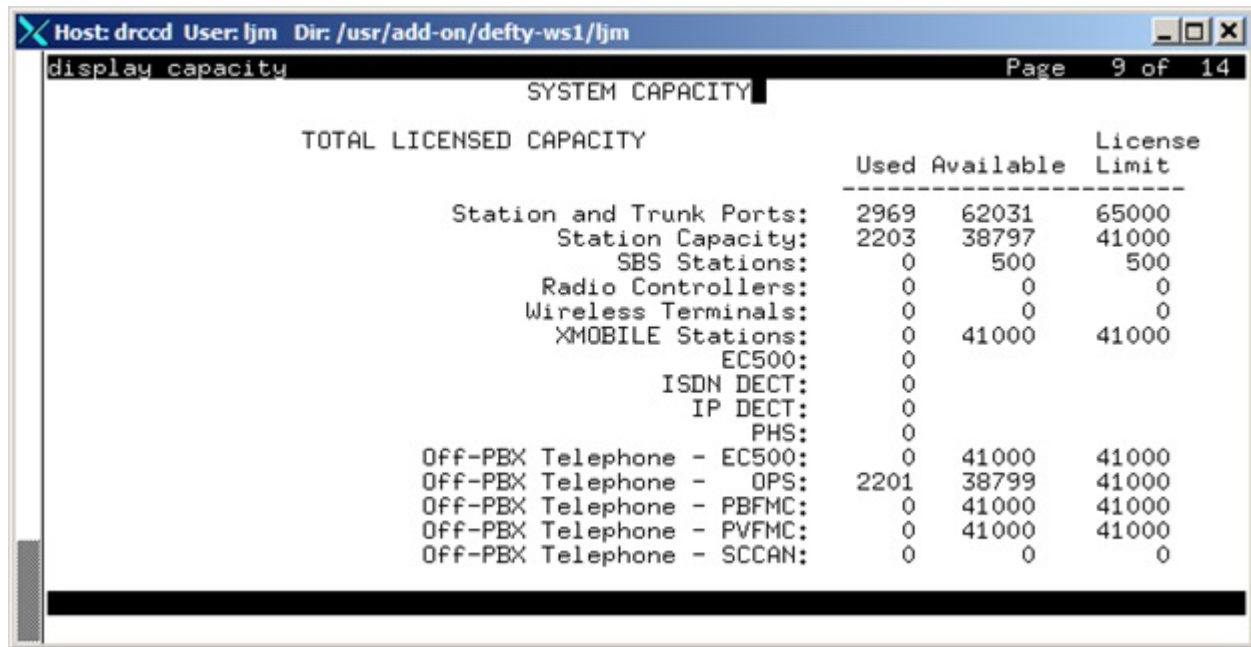
Table continues...

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

Table continues...

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

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
avCmCapacityLicOffPbxTeleEC500Used.0 = INTEGER: 0
avCmCapacityLicOffPbxTeleEC500Avail.0 = INTEGER: 41000
avCmCapacityLicOffPbxTeleEC500LicLimit.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	<code>display capacity</code>	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					
avCmCapacityUsageIPStatUsed	.1	R	Integer32 (0..99999)	IP Stations	An object that contains the number of IP Stations.
SYSTEM CAPACITY					
avCmCapacityUsageIPStatAvail	.2	R	Integer32 (0..99999)	IP Stations	An object that contains the number of available IP Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1CirPksSysLim	.3	R	Integer32 (0..99999)	IP Stations	An object that contains the system limit of IP Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1EchoCanUsed	.4	R	Integer32 (0..99999)	IP Attendant Consoles	An object that contains the number of used IP Attendant Consoles.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1EchoCanUsed	.5	R	Integer32 (0..99999)	IP Attendant Consoles	An object that contains the number of available IP Attendant Consoles.
SYSTEM CAPACITY					
avCmCapacityTrunksDS1EchoCanUsed	.6	R	Integer32 (0..99999)	IP Attendant Consoles	An object that contains the system limit of IP Attendant Consoles.
SYSTEM CAPACITY					
avCmCapacityTrunkslcHtlSdnSipTrkUsed	.7	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the number of used Remote Office Stations.
SYSTEM CAPACITY					
avCmCapacityTrunkslcHtlSdnSipTrkAvail	.8	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the number

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
SYSTEM CAPACITY					of available Remote Office Stations.
avCmCapacityTrunkslc htlsdnSipTrkSysLim	.9	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the system limit of Remote Office Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksls dnCbcTrkUsed	.10	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the number of used Remote Office Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksls dnCbcTrkAvail	.11	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the number of available Remote Office Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksls dnCbcTrkSysLim	.12	R	Integer32 (0..99999)	Remote Office Stations	An object that contains the system limit of Remote Office Stations.
SYSTEM CAPACITY					
avCmCapacityTrunksTr unkGrpsUsed	.13	R	Integer32 (0..99999)	AES Server Licensed IP Stations	An object that contains the number of used AES Server Licensed IP Stations.
SYSTEM CAPACITY					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
display capacity Page 11 of 14
SYSTEM CAPACITY
CONCURRENT USAGE COUNTS
Currently Available System
Used          Limit
-----
IP Stations: 3      17997    18000
IP Stations in TTI State: 0      -        -
IP Attendant Consoles: 0      414      414
Remote Office Stations: 0      18000    18000
Unauthenticated H.323 Stations: 0      100      100
AES Server Licensed IP Stations: 0      -        -

IP PORT USAGE COUNTS
Total IP Station Ports: 25      95389    95414

IP Station Ports Used By
Administered IP Stations and Attendants: 17      -        -
Softphone Enabled on Station Form: 8      -        -
Unnamed Registrations (TTI ip phones): 0      -        -
H.323 Stations via TLS: 0      2000     2000

```

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	<code>display capacity</code>	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/>.

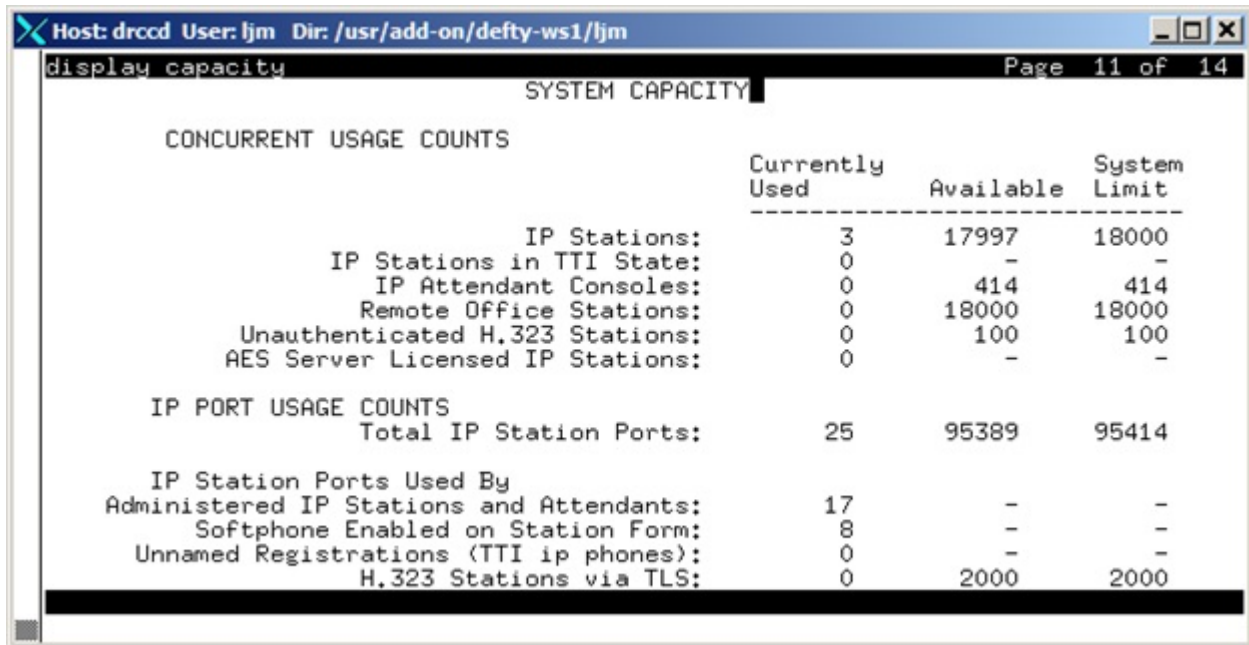
Command permissions or user profile

No special permissions needed.

Objects

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

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	<code>display capacity</code>	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.

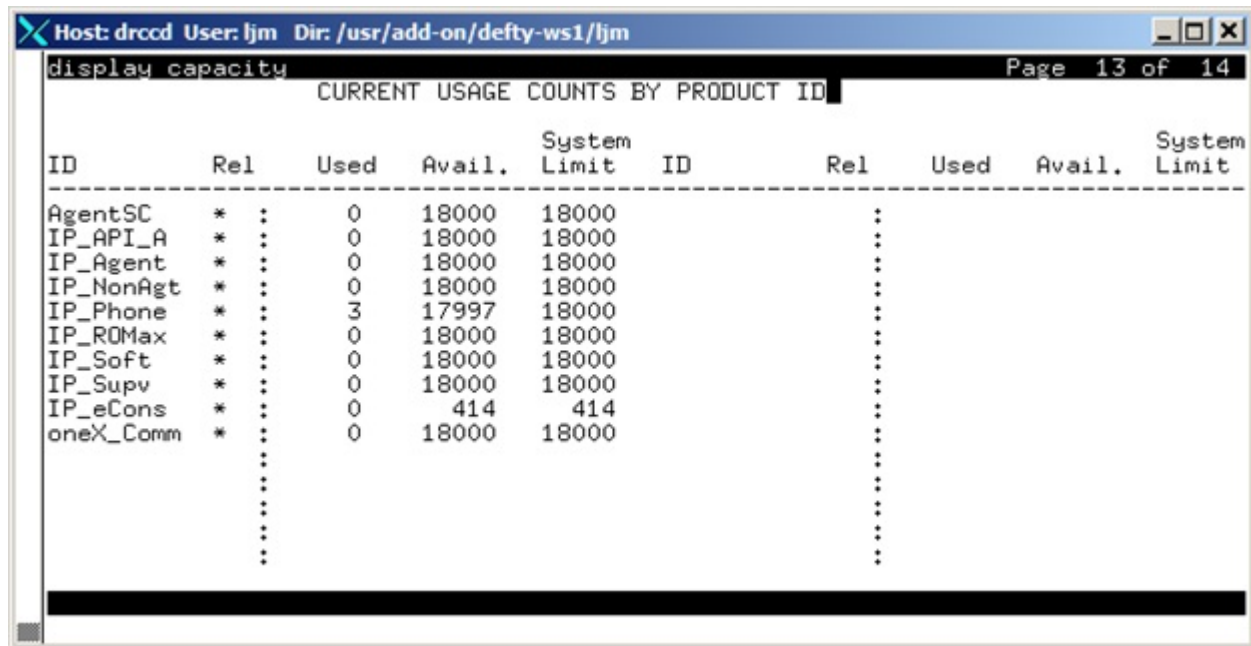
Objects

Object Name	OID	R/W	Type	Field Name	Description
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	OID	R/W	Type	Field Name	Description
avCmCapacityCurrentU sageIdx	.1.1.1	R	SnmpAdminString (SIZE (0..11))	n/a	An object containing an index that uniquely identifies a Product ID.
SYSTEM CAPACITY					
avCmCapacityCurrentU sageID	.1.1.2	R	SnmpAdminString (SIZE (0..11))	ID	An object containing the Product ID of the entry.
SYSTEM CAPACITY					
avCmCapacityCurrentU sageRel	.1.1.3	R	SnmpAdminString (SIZE (0..3))	Rel	An object containing the release of the Product ID.
SYSTEM CAPACITY					
avCmCapacityCurrentU sageUsed	.1.1.4	R	Integer32 (0..999)	ID	An object that contains the Used count of a Product ID.
SYSTEM CAPACITY					
avCmCapacityCurrentU sageAvail	.1.1.5	R	Integer32 (0..999)	Remote Office Stations	An object that contains the available count of a Product ID.
SYSTEM CAPACITY					
avCmCapacityCurrentU sageLicLim	.1.1.6	R	Integer32 (0..999)	Remote Office Stations	An object that contains the licensed limit of a Product ID.
SYSTEM CAPACITY					

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

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list trunk-group Page 1
TRUNK GROUPS
Grp No. TAC Group Type Group Name No. Mem TN COR CDR Meas Out Que 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 No. Port TN Code Sfx Name Night Mode Type Ans Delay Sig 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@kennyl> 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	<code>list trunk</code>	TRUNK GROUPS
	SAT	<code>list member trunk xxxx count xxx</code>	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	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.

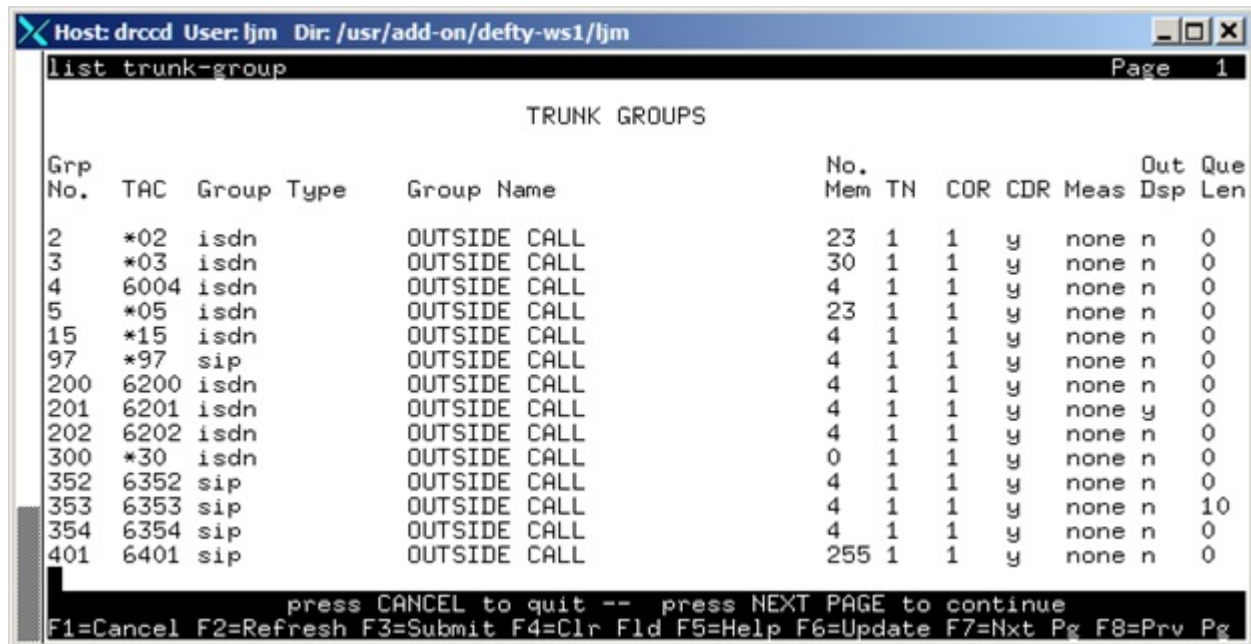
Table continues...

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

Table continues...

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

Sample output of forms



```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list members trunk-group 2 count 10

TRUNK GROUP MEMBERS

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

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

Command successfully completed
Command:

```

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

```


MIB Groups

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

Sample output of forms

```

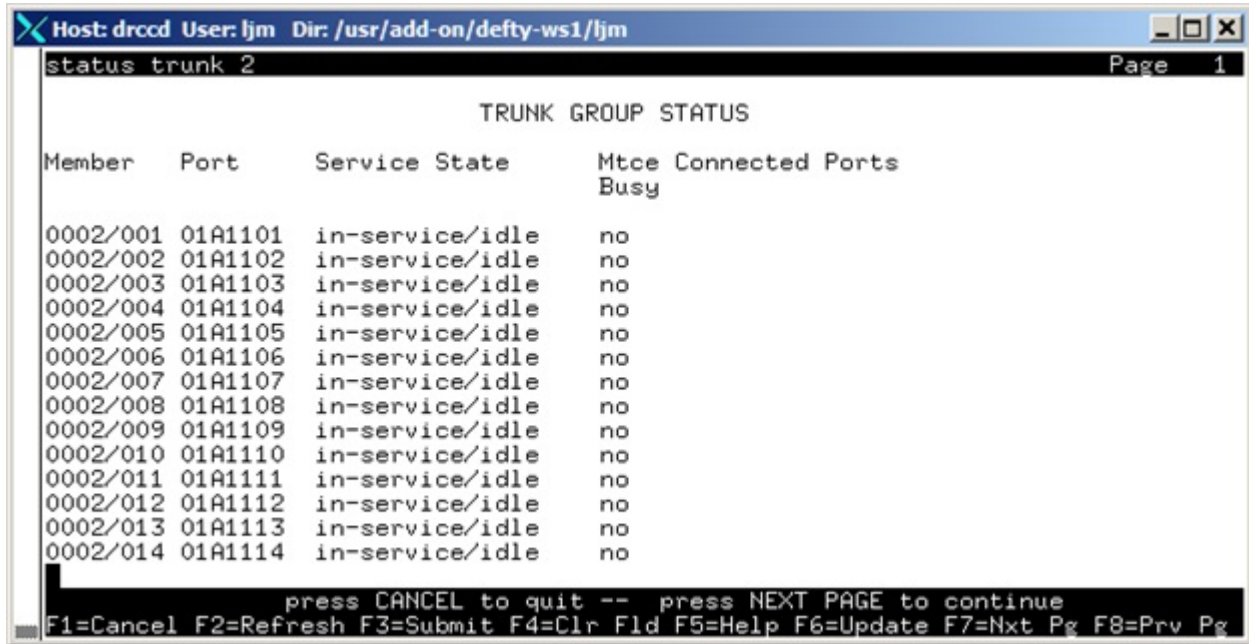
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list trunk-group Page 1

TRUNK GROUPS

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

```



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	<code>list trunk</code>	TRUNK GROUPS
	SAT	<code>STATUS TRUNK xxxx</code>	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	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	.3.1.3	R	Integer32 (0..255)	n/a	An index that contains the Member No. for the Trunk Group.
TRUNK GROUP STATUS					
avCmStatusTrunkRangePort	.3.1.4	R	SnmpAdminString (SIZE (0..12))	Port	An object containing the trunk member Port.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeServiceState	.3.1.5	R	SnmpAdminString (SIZE (0..19))	Service State	An object containing the trunk member service state.
TRUNK GROUP STATUS					
avCmStatusTrunkRangeMtceBusy	.3.1.6	R	SnmpAdminString (SIZE (0..5))	Maintenance Busy	An object containing whether the member is maintenance busy

Table continues...

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

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list trunk-group count 10

TRUNK GROUPS

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

Command successfully completed
Command: 
```

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

TRUNK GROUP STATUS

Member   Port      Service State  Mtce Connected Ports
          Port          Busy

0002/001 01A1101  in-service/idle  no
0002/002 01A1102  in-service/idle  no
0002/003 01A1103  in-service/idle  no
0002/004 01A1104  in-service/idle  no
0002/005 01A1105  in-service/idle  no
0002/006 01A1106  in-service/idle  no
0002/007 01A1107  in-service/idle  no
0002/008 01A1108  in-service/idle  no
0002/009 01A1109  in-service/idle  no
0002/010 01A1110  in-service/idle  no
0002/011 01A1111  in-service/idle  no
0002/012 01A1112  in-service/idle  no
0002/013 01A1113  in-service/idle  no
0002/014 01A1114  in-service/idle  no

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 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
avCmStatusTrunkRangeMtceBusy.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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusTrunkMem Grp	.1	R/W	Integer32 (0..2000)	n/a	An object that contains the trunk group.
avCmStatusTrunkMem Mem	.2	R/W	Integer32 (0..255)	n/a	An object containing the number of trunks to perform status trunk on.
avCmStatusTrunkMem Table	.3	n/a	SEQUENCE OF avCmStatusTrunkMemEntry	n/a	An object that contains the trunk member entry.
avCmStatusTrunkMem Entry	.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.
avCmStatusTrunkMem MemberIdx	.3.1.2	n/a	Integer32 (0..255)	n/a	An index that contains the Member No. for the Trunk Group.
avCmStatusTrunkMem Port	.3.1.3	R	SnmpAdminString (SIZE (0..12))	Port	An object containing the trunk member Port.
STATUS TRUNK					
avCmStatusTrunkMem ServiceState	.3.1.4	R	SnmpAdminString (SIZE (0..19))	Service State	An object containing the trunk member service state.
STATUS TRUNK					
avCmStatusTrunkMem MtceBusy	.3.1.5	R	SnmpAdminString (SIZE (0..5))	Maintenance Busy	An object containing whether the member is maintenance busy
STATUS TRUNK					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmStatusTrunkMem SigGrpId	.3.1.6	R	SnmpAdminString (SIZE (0..12))	Signaling Group ID	An object containing the member signaling group ID.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts1	.3.1.7	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts2	.3.1.8	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts3	.3.1.9	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts4	. 3.1.1 0	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts5	. 3.1.1 1	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts6	. 3.1.1 2	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts7	. 3.1.1 3	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts8	. 3.1.1 4	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					
avCmStatusTrunkMem ConnPorts9	. 3.1.1 5	R	SnmpAdminString (SIZE (0..12))	Connected Ports	An object containing ports connected to the member.
STATUS TRUNK					

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list trunk-group count 10

                                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

Command successfully completed
Command: 
```

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

                                TRUNK GROUP STATUS

Member  Port      Service State      Mtce Connected Ports
                               Busy
-----
0002/001 01A1101  in-service/idle    no
0002/002 01A1102  in-service/idle    no
0002/003 01A1103  in-service/idle    no
0002/004 01A1104  in-service/idle    no
0002/005 01A1105  in-service/idle    no
0002/006 01A1106  in-service/idle    no
0002/007 01A1107  in-service/idle    no
0002/008 01A1108  in-service/idle    no
0002/009 01A1109  in-service/idle    no
0002/010 01A1110  in-service/idle    no
0002/011 01A1111  in-service/idle    no
0002/012 01A1112  in-service/idle    no
0002/013 01A1113  in-service/idle    no
0002/014 01A1114  in-service/idle    no

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 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
```

MIB Groups

```
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
avCmStatusTrunkRangeMtceBusy.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	<code>Status Health</code>	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	OID	R/W	Type	Field Name	Description
avCmStatusHealthOccupancyCp	.9	R	SnmpAdminString (SIZE (0..6))	Occ Cp	An object that contains the call processing occupancy percentage.
Status Health					
avCmStatusHealthOccupancyIdl	.10	R	SnmpAdminString (SIZE (0..6))	OccIdl	An object that contains the idle occupancy percentage.
Status Health					
avCmStatusHealthEntryTmRecOvrLd	.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.
Status Health					
avCmStatusHealthExitTmRecOvrLd	.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.
Status Health					
avCmStatusHealthLogins	.13	R	Integer32 (0..99)	Logins	An object that contains the number of active Logins.
Status Health					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
status health
          OCC: St: 1%   Sm: 2%   Cp: 0% Idl: 97%
          ALARMS:Maj: 1   Min: 3   Wrn: 32
          Logins:02 BUSYOUT:Trk: 0   Stn: 0 Oth: 0
          Entry Time of Most Recent Traffic Overload Interval:
          Exit Time of Most Recent Traffic Overload Interval:

Cab EmTr  Maj Min Wrn PNC          Cab EmTr  Maj Min Wrn PNC
1  auto-   01 01 3 up
2  auto-   01 01 3 up
3  n.a.    01 01 0 dn
7  auto-   01 01 4 up

Use "Status Media-Gateways" for H.248 Gateway status      8:15 THU MAY 28 2015
Command:

```

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	<code>list station</code>	STATIONS
	SAT	<code>status station</code>	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.

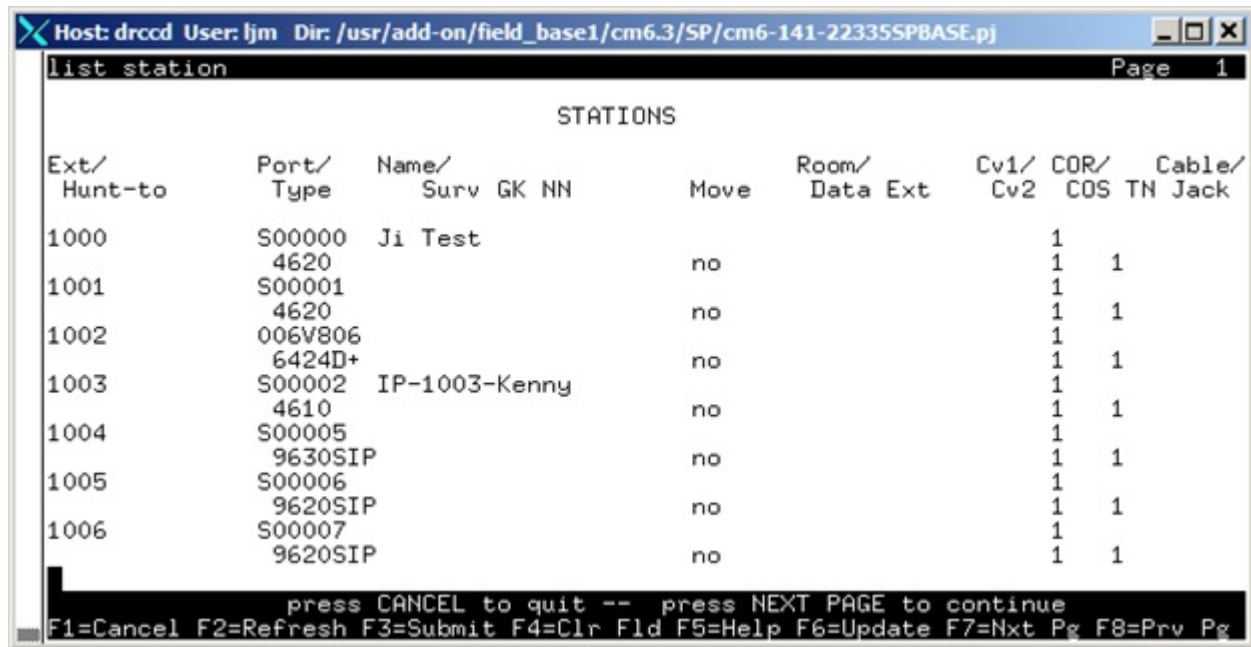
Objects

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

Table continues...

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

Sample output of forms



```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
status station 1000 Page 1 of 7
GENERAL STATUS
Administered Type: 4620 Service State: out-of-service
Connected Type: N/A TCP Signal Status: not connected
Extension: 1000 Network Region: Not Assigned
Port: S00000 Parameter Download: pending
Call Parked? no SAC Activated? no
Ring Cut Off Act? no
Active Coverage Option: 1 one-X Server Status: N/A
EC500 Status: N/A Off-PBX Service State: N/A
Message Waiting:
Connected Ports:
Limit Incoming Calls? no
User Cntrl Restr: none HOSPITALITY STATUS
Group Cntrl Restr: none Awaken at:
User DND: not activated
Group DND: not activated
Room Status: non-guest room

```

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	<code>list station</code>	STATIONS
	SAT	<code>status station xxx</code>	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	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	.3.1.2	R	SnmpAdminString (SIZE (0..17))	Ext	An object containing the stations extension.
GENERAL STATUS					
avCmStatusStationConnType	.3.1.3	R	SnmpAdminString (SIZE (0..15))	Connected Type	An object containing the connected station type.
GENERAL STATUS					
avCmStatusStationRangeServiceState	.3.1.4	R	SnmpAdminString (SIZE (0..22))	Service State	An object containing the Station member service state.
GENERAL STATUS					
avCmStatusStationRangePort	.3.1.5	R	SnmpAdminString (SIZE (0..11))	Port	An object containing the stations port assignment.
GENERAL STATUS					
avCmStatusStationRangeConnPort1	.3.1.6	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the first port connected to the station
GENERAL STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusStationRangeConnPort2	. 3.1.7	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the second port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort3	. 3.1.8	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the third port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort4	. 3.1.9	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the fourth port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort5	. 3.1.10	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the fifth port connected to the station
GENERAL STATUS					
avCmStatusStationRangeConnPort6	. 3.1.11	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the sixth port connected to the station
GENERAL STATUS	1				
avCmStatusStationRangeConnPort7	. 3.1.12	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the seventh port connected to the station
GENERAL STATUS	2				
avCmStatusStationRangeConnPort8	. 3.1.13	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the seventh port connected to the station
GENERAL STATUS	3				
avCmStatusStationRangeConnPort9	. 3.1.14	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the seventh port connected to the station
GENERAL STATUS	4				
avCmStatusStationRangeConnPort10	. 3.1.15	R	SnmpAdminString (SIZE (0..11))	Connected Ports	A DisplayString Object that contains the seventh port
GENERAL STATUS	5				

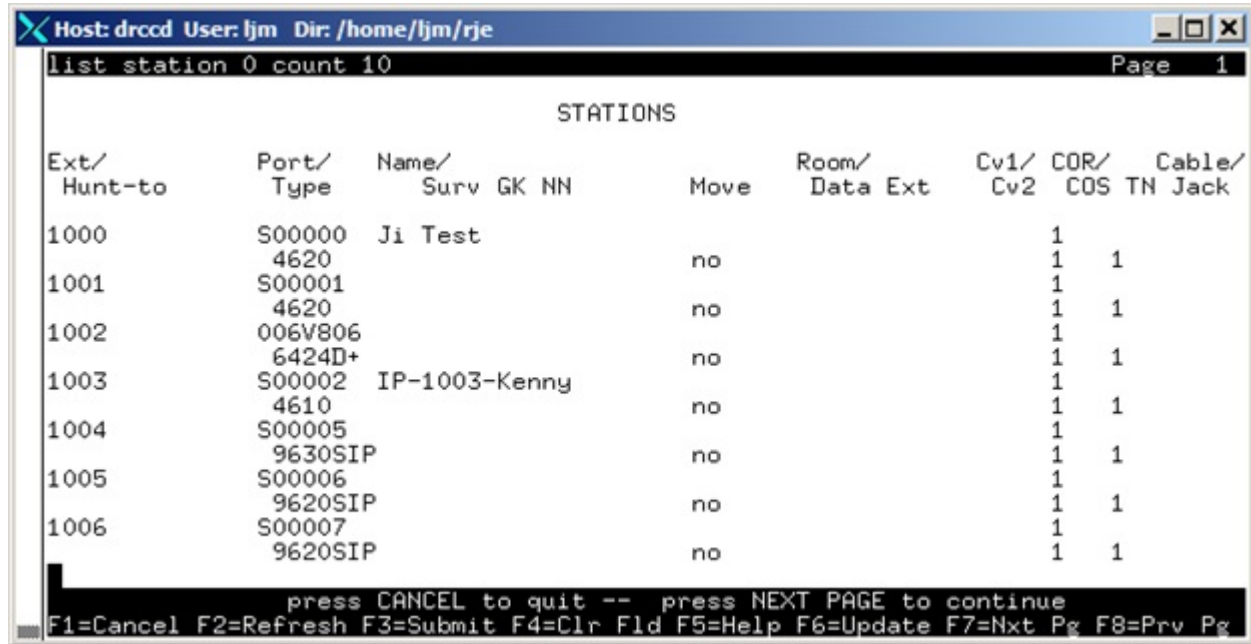
Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					connected to the station
avCmStatusStationRangeSACActive	.3.1.16	R	SnmpAdminString (SIZE (0..4))	SAC Activated	An object containing whether the stations Send All Calls (SAC) button is activated.
GENERAL STATUS					
avCmStatusStationRangeCFdestExt	.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.
GENERAL STATUS					
avCmStatusStationRangeRingCutOff	.3.1.18	R	SnmpAdminString (SIZE (0..39))	Ringer Cutoff	An object containing whether Ring Cut Off is activated for the station.
GENERAL STATUS					
avCmStatusStationRangeSerialNbr	.3.1.19	R	SnmpAdminString (SIZE (0..12))	Serial Number	An object containing the station serial number.
GENERAL STATUS					
avCmStatusStationRangePartID	.3.1.20	R	SnmpAdminString (SIZE (0..12))	Part ID	An object containing the station Part ID.
GENERAL STATUS					
avCmStatusStationRangeSwitchPort	.3.1.21	R	SnmpAdminString (SIZE (0..8))	Switch Port	An object containing the station switch port.
GENERAL STATUS					
avCmStatusStationRangeSwitchIPAddr	.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.
GENERAL STATUS					
avCmStatusStationRangeSwitchIPPort	.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.
GENERAL STATUS					
avCmStatusStationRangeSetIPAddr	.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.
GENERAL STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusStationRangeSetIPPort	.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.
GENERAL STATUS					

Sample output of forms



```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
status station 1000 Page 1 of 7
GENERAL STATUS
Administered Type: 4620 Service State: out-of-service
Connected Type: N/A TCP Signal Status: not connected
Extension: 1000 Network Region: Not Assigned
Port: S00000 Parameter Download: pending
Call Parked? no SAC Activated? no
Ring Cut Off Act? no
Active Coverage Option: 1 one-X Server Status: N/A
EC500 Status: N/A Off-PBX Service State: N/A
Message Waiting:
Connected Ports:
Limit Incoming Calls? no
User Cntrl Restr: none HOSPITALITY STATUS
Group Cntrl Restr: none Awaken at:
User DND: not activated
Group DND: not activated
Room Status: non-guest room

```

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:
:

```

MIB Groups

```
:
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
:
:
avCmStatusStationRangeSetIPAddr."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	<code>list measurements</code> <code>occupancy summary</code>	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 avCmMeasOccSum Entry	n/a	An object that contains a list of the avCmMeasOccSum entries
avCmMeasOccSumEntry	.1.1	n/a	avCmMeasOccSum Entry	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					

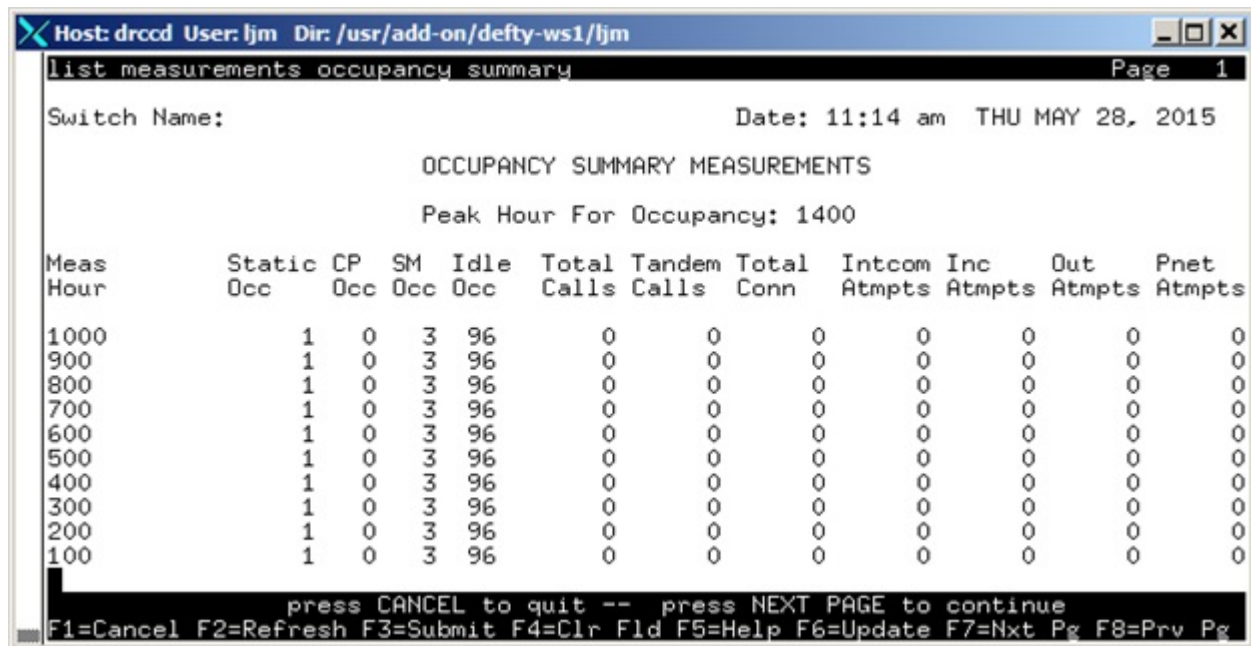
Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasOccSumPeakHour	.1.1.4	R	Integer32 (0..2300)	Peak Hour For Occupancy	An object that contains the Peak Hour for Occupancy.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumStaticOcc	.1.1.5	R	Integer32 (0..100)	Static Occ	Object containing the processor utilized by static processes.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumCP Occ	.1.1.6	R	Integer32 (0..100)	CP Occ	An object containing the processor occupancy utilized by Call Processing processes.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumSM Occ	.1.1.7	R	Integer32 (0..100)	CP Occ	An object containing the processor occupancy utilized by System Processing processes.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumIdle Occ	.1.1.8	R	Integer32 (0..100)	Idle Occ	An object containing the processor occupancy that is unused.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumTotal Call	.1.1.9	R	Integer32 (0..100)	Total Calls	An object containing the total calls connected to the measurement hour.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumTandem Call	.1.1.10	R	Integer32 (0..100)	Tandem Calls	An object containing trunk-to-trunk calls connected for the measurement hour.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumTotal Conn	.1.1.11	R	Integer32 (0..100)	Total Conn	An object containing the total calls connected for the measurement hour.
OCCUPANCY SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasOccSumIntcomAtt	.1.1.1.2	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.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumIncAtt	.1.1.1.3	R	Integer32 (0..100)	Inc Atmpts	An object containing the number of incoming trunk seizures from public network facilities.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumOutAtt	.1.1.1.4	R	Integer32 (0..100)	Out Atmpts	An object containing the number of outgoing trunk seizures from public network facilities.
OCCUPANCY SUMMARY MEASUREMENTS					
avCmMeasOccSumPnetAtt	.1.1.1.5	R	Integer32 (0..100)	Pnet Atmpts	An object containing the number of seizures from public network facilities.
OCCUPANCY SUMMARY MEASUREMENTS					

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	<code>list measurements occupancy last- hour</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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.
avCmMeasLstHrMeas Minute	.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					
avCmMeasOccLstHrCP Occ	.1.1.5	R	Integer32 (0..100)	CP Occ	Object containing the processor utilized by call processing processes.

Table continues...

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

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLstHrOutAtt	. 1.1.1 3	R	Integer32 (0..100)	Out Atmpts	An object containing the number of outgoing trunk seizures from public network facilities.
OCCUPANCY LAST-HOUR MEASUREMENTS					
avCmMeasOccLstHrPnetAtt	. 1.1.1 4	R	Integer32 (0..100)	Pnet Atmpts	An object containing the number of trunk seizures from public network facilities.
OCCUPANCY LAST-HOUR MEASUREMENTS					

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

MIB Groups

```
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	<code>list occupancy busiest-intervals</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasOccBusIntvl Table	.1	n/a	SEQUENCE OF avCmMeasOccBusl ntvlEntry	n/a	An object that contains a list of the avCmMeasOccBusl ntvl entries

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
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					

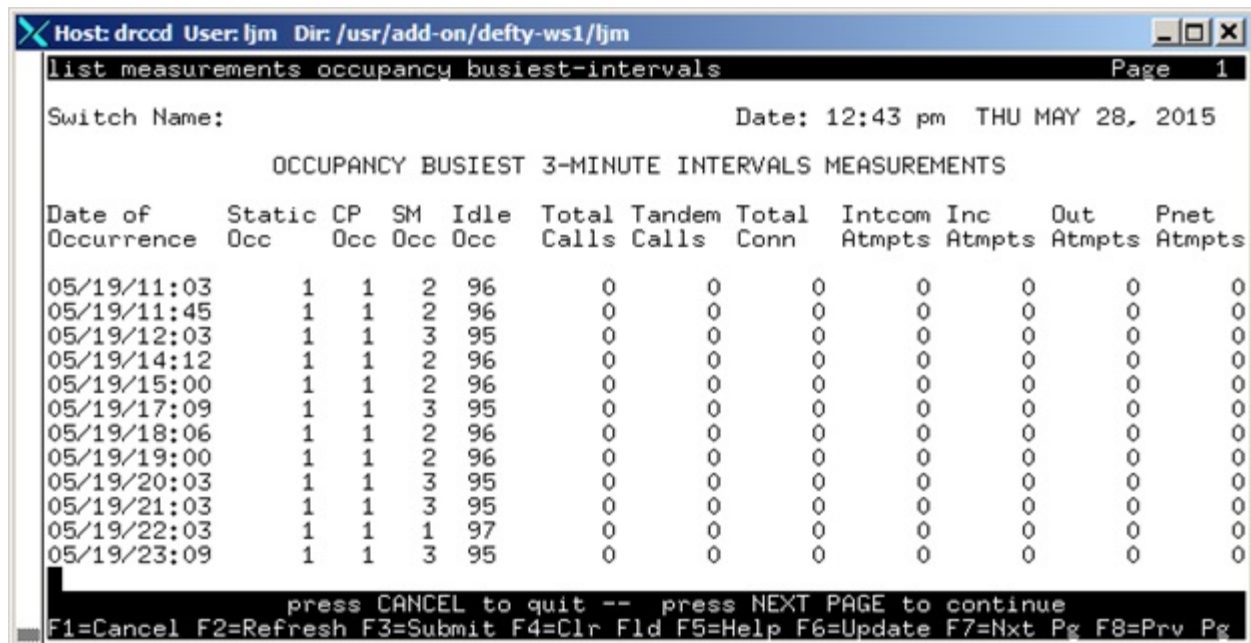
Table continues...

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

Table continues...

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

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	<code>list measurements trunk-group summary last-hour</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	OID	R/W	Type	Field Name	Description
Form/Report name					information sent by the switch.
avCmMeasLstHrTrunk Grpldx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasTrkGrpSum LstHrTrunkGroup	.1.1.2	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK GROUP SUMMARY REPORT					
avCmMeasLstHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum LstHrMeasHour	.1.1.4	R	Integer32 (0..2300)	Meas Hour	An object containing the Hour the measurement was taken.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum LstHrGroupSize	.1.1.5	R	Integer32 (0..255)	Grp Siz	An object containing the number of administered trunks in the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum LstHrTotalUsage	.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).
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum LstHrTotalSeize	.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.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum LstHrIncSeize	.1.1.8	R	Integer32 (0..999999)	Inc Seize	An object containing the number of incoming seizures carried on the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum LstHrGrpOvflow	.1.1.9	R	Integer32 (0..999999)	Grp Ovfl	An object containing the number of calls offered to a trunk

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TRUNK GROUP SUMMARY REPORT					group that are not carried or queued.
avCmMeasTrkGrpSumLstHrQueSiz	.1.1.1.0	R	Integer32 (0..9999)	Que Siz	An object containing a number that identifies the number of slots assigned to the trunk group queue.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrCallQued	.1.1.1.1	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.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrQueOvf	.1.1.1.2	R	Integer32 (0..9999)	Que Ovf	An object containing the total number of calls that were not queued because the queue was full.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrQueAbd	.1.1.1.3	R	Integer32 (0..9999)	Que Abd	An object containing the total number of calls that were removed from the queue.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrOutSrv	.1.1.1.4	R	Integer32 (0..999)	Out Srv	An object containing the number of trunks in the group that are out of service
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrPercentAtb	.1.1.1.5	R	Integer32 (0..100)	% ATB	An object containing the percentage of time all trunks the group were simultaneously in use.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumLstHrPercentOutBlk	.1.1.1.6	R	Integer32 (0..100)	% Out Blk	An object containing the percentage of offered calls that are not carried on the group.
TRUNK GROUP SUMMARY REPORT					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements trunk-group summary last-hour Page 1
Switch Name:                               Date: 3:23 pm THU MAY 28, 2015

TRUNK GROUP SUMMARY REPORT

Peak Hour For All Trunk Groups: 1400

Grp  Grp  Grp  Grp  Meas  Total  Total  Inc.  Grp  Que  Call  Que  Que  Out  %  %
No.  Siz  Type Dir  Hour Usage Seize Seize Ovfl Siz Qued Ovfl Abd Srv ATB Blk
1    2    sip  two  1400 0     0     0     0   0   0   0   0   0   0   0
2    23   isdn two  1400 0     0     0     0   0   0   0   0   0   0   0
3    30   isdn two  1400 0     0     0     0   0   0   0   0   0   0   0
4    4    isdn two  1400 0     0     0     0   0   0   0   0   0   0   0
5    23   isdn two  1400 0     0     0     0   0   0   0   0   0   0   0
15   4    isdn two  1400 0     0     0     0   0   0   0   0   0   0   0
97   4    sip  two  1400 0     0     0     0   0   0   0   0   0   0   0
200  4    isdn two  1400 0     0     0     0   0   0   0   0   0   0   0
201  4    isdn two  1400 0     0     0     0   0   0   0   0   0   0   0
202  4    isdn two  1400 0     0     0     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 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	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	OID	R/W	Type	Field Name	Description
Form/Report name					information sent by the switch.
avCmMeasTrkGrpSum TodayTrunkGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each increment of data.
avCmMeasTrkGrpSum TodayTrunkGroup	.1.1.2	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayPeakHour	.1.1.4	R	Integer32 (0..2300)	Peak Hour For All Trunk Groups	An object containing the peak traffic hour for all trunk groups.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayMeasHour	.1.1.5	R	Integer32 (0..2300)	Meas Hour	An object containing the Hour the measurement was taken.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayGroupSize	.1.1.6	R	Integer32 (0..255)	Grp Siz	An object containing the number of administered trunks in the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayTotalUsage	.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).
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayTotalSeize	.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.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayIncSeize	.1.1.9	R	Integer32 (0..999999)	Inc Seize	An object containing the number of incoming seizures

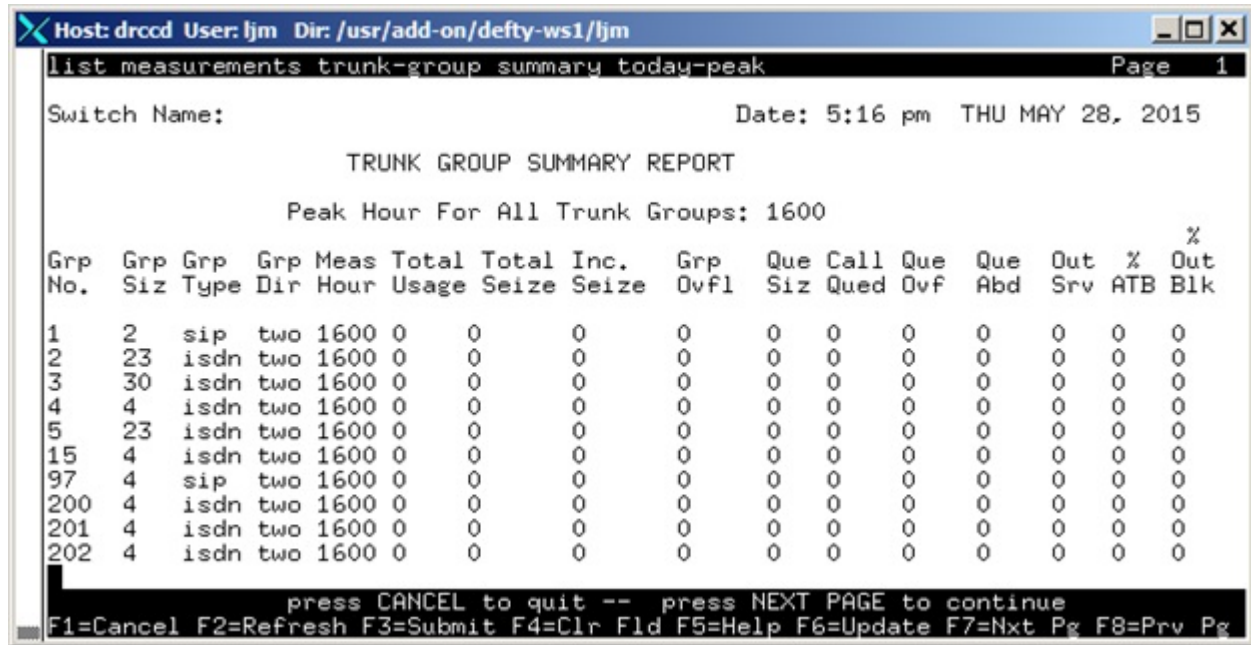
Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TRUNK GROUP SUMMARY REPORT					carried on the trunk group.
avCmMeasTrkGrpSum TodayGrpOvflow	. 1.1.1 0	R	Integer32 (0..999999)	Grp Ovfl	An object containing the number of calls offered to a trunk group that are not carried or queued.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayQueSiz	. 1.1.1 1	R	Integer32 (0..9999)	Que Siz	An object containing a number that identifies the number of slots assigned to the trunk group queue.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayCallQued	. 1.1.1 2	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.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayQueOvf	. 1.1.1 3	R	Integer32 (0..9999)	Que Ovf	An object containing the total number of calls that were not queued because the queue was full.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayQueAbd	. 1.1.1 4	R	Integer32 (0..9999)	Que Abd	An object containing the total number of calls that were removed from the queue.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayOutSrv	. 1.1.1 5	R	Integer32 (0..999)	Out Srv	An object containing the number of trunks in the group that are out of service
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayPercentAtb	. 1.1.1 6	R	Integer32 (0..100)	% ATB	An object containing the percentage of time all trunks the group were simultaneously in use.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum TodayPercentOutBlk	. 1.1.1 7	R	Integer32 (0..100)	% Out Blk	An object containing the percentage of offered calls that are

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
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	<code>list measurements trunk-group summary yesterday</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.2	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestPeakHour	.1.1.4	R	Integer32 (0..2300)	Peak Hour For All Trunk Groups	An object containing the peak traffic hour for all trunk groups.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestMeasHour	.1.1.5	R	Integer32 (0..2300)	Meas Hour	An object containing the Hour the measurement was taken.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestGroupSize	.1.1.6	R	Integer32 (0..255)	Grp Siz	An object containing the number of administered trunks in the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSumYestTotalUsage	.1.1.7	R	Integer32 (0..9999)	Total Usage	An object containing the total time trunks are busy with calls during the
TRUNK GROUP SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					measurement period (in CCS).
avCmMeasTrkGrpSum YestTotalSeize	.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.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum YestIncSeize	.1.1.9	R	Integer32 (0..999999)	Inc Seize	An object containing the number of incoming seizures carried on the trunk group.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum YestGrpOvflow	.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.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum YestQueSiz	.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.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum YestCallQued	.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.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum YestQueOvf	.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.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum YestQueAbd	.1.1.14	R	Integer32 (0..9999)	Que Abd	An object containing the total number of calls that were removed from the queue.
TRUNK GROUP SUMMARY REPORT					
avCmMeasTrkGrpSum YestOutSrv	.1.1.15	R	Integer32 (0..999)	Out Srv	An object containing the number of trunks in the group

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TRUNK GROUP SUMMARY REPORT					that are out of service
avCmMeasTrkGrpSum YestPercentAtb	. 1.1.1	R	Integer32 (0..100)	% ATB	An object containing the percentage of time all trunks the group were simultaneously in use.
TRUNK GROUP SUMMARY REPORT	6				
avCmMeasTrkGrpSum YestPercentOutBlk	. 1.1.1	R	Integer32 (0..100)	% Out Blk	An object containing the percentage of offered calls that are not carried on the group.
TRUNK GROUP SUMMARY REPORT	7				

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements trunk-group summary yesterday-peak Page 1
Switch Name: Date: 5:21 pm THU MAY 28, 2015
TRUNK GROUP SUMMARY REPORT
Peak Hour For All Trunk Groups: 2300
Grp  Grp  Grp  Grp  Meas  Total  Total  Inc.  Grp  Que  Call  Que  Que  Out  %  Out
No.  Siz  Type Dir  Hour  Usage  Seize  Seize  Ovfl  Siz  Que  Ovfl  Abd  Srv  ATB Blk
2    23  isdn two 2300 0    0    0    0    0    0  0    0    0    0    0    0
3    30  isdn two 2300 0    0    0    0    0    0  0    0    0    0    0    0
4    4   isdn two 2300 0    0    0    0    0    0  0    0    0    0    0    0
5    23  isdn two 2300 0    0    0    0    0    0  0    0    0    0    0    0
15   4   isdn two 2300 0    0    0    0    0    0  0    0    0    0    0    0
97   4   sip  two 2300 0    0    0    0    0    0  0    0    0    0    0    0
200  4   isdn two 2300 0    0    0    0    0    0  0    0    0    0    0    0
201  4   isdn two 2300 0    0    0    0    0    0  0    0    0    0    0    0
202  4   isdn two 2300 0    0    0    0    0    0  0    0    0    0    0    0
300  0   isdn two 2300 0    0    0    0    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 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	<code>list measurements trunk-group outage-trunk last- hour</code>	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.

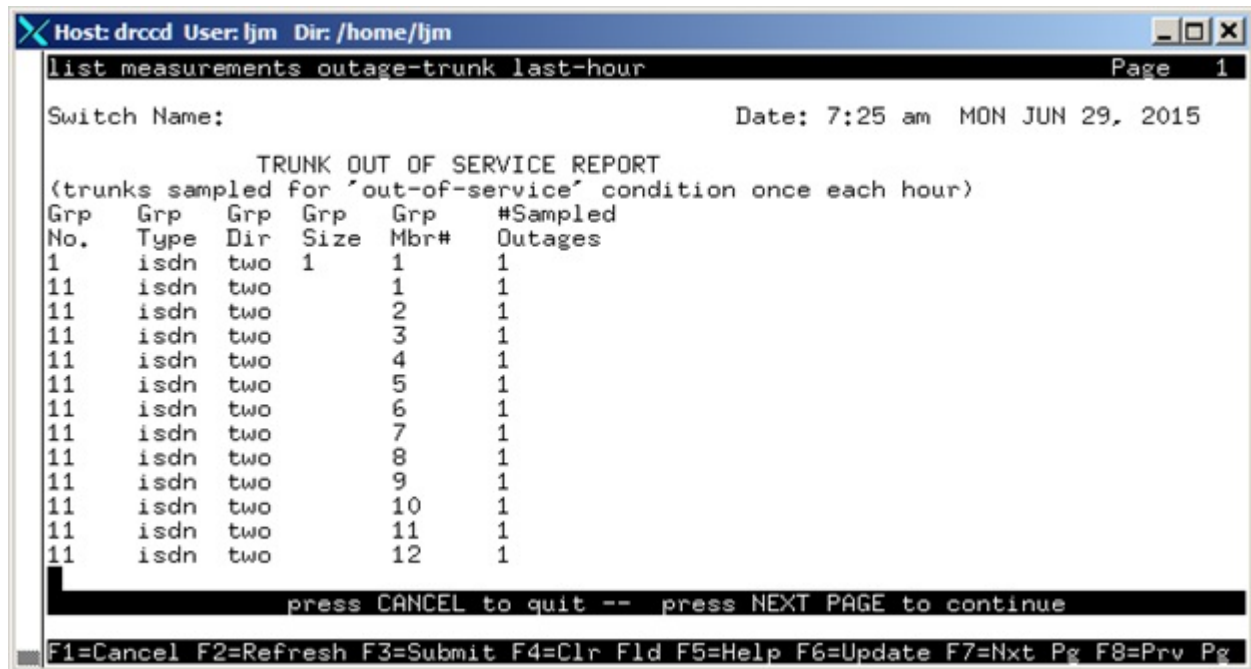
Objects

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

Table continues...

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

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

Sample output of forms

```

Host: drccd User: ljm Dir: /home/ljm
list measurements outage-trunk today Page 1
Switch Name: Date: 7:27 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    7
11   isdn two  1    1    7
11   isdn two  2    2    7
11   isdn two  3    3    7
11   isdn two  4    4    7
11   isdn two  5    5    7
11   isdn two  6    6    7
11   isdn two  7    7    7
11   isdn two  8    8    7
11   isdn two  9    9    7
11   isdn two 10   10   7
11   isdn two 11   11   7
11   isdn two 12   12   7
press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr F1d 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/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	<code>list measurements outage-trunk yesterday</code>	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	OID	R/W	Type	Field Name	Description
avCmMeasOutTrkYest RunDate	.1.1.4	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkYest GrpSize	.1.1.5	R	Integer32 (0..999)	Grp Size	An object containing the number of members.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkYest GrpMbr	.1.1.6	R	Integer32 (0..2300)	Grp Mbr#	An object containing the member that was out of service.
TRUNK OUT OF SERVICE REPORT					
avCmMeasOutTrkYest Outages	.1.1.7	R	Integer32 (0..999)	#Sampled Outages	An object containing the number of sampled outages for the trunk group member.
TRUNK OUT OF SERVICE REPORT					

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    1    24
11   isdn two  2    2    24
11   isdn two  3    3    24
11   isdn two  4    4    24
11   isdn two  5    5    24
11   isdn two  6    6    24
11   isdn two  7    7    24
11   isdn two  8    8    24
11   isdn two  9    9    24
11   isdn two 10   10   24
11   isdn two 11   11   24
11   isdn two 12   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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasLightUseTrkLstHrRunDate	.1.1.4	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkLstHrGrpSize	.1.1.5	R	Integer32 (0..999)	Grp Size	An object containing the number of members.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkLstHrGrpMbr	.1.1.6	R	Integer32 (0..2300)	Grp Mbr#	An object containing the member that was out of service.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkLstHrCallsCarried	.1.1.7	R	Integer32 (0..999)	Calls Carried	An object containing the number of calls carried over the trunk member.
TRUNK LIGHTLY USED REPORT					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements lightly-used-trunk last-hour Page 1
Switch Name: Date: 8:00 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 F1d 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 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	<code>list measurements lightly-used-trunk today</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
TRUNK LIGHTLY USED REPORT					command was executed.
avCmMeasLightUseTrk TodayGrpSize	.1.1.5	R	Integer32 (0..999)	Grp Size	An object containing the number of members.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrk TodayGrpMbr	.1.1.6	R	Integer32 (0..2300)	Grp Mbr#	An object containing the member that was out of service.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrk TodayCallsCarried	.1.1.7	R	Integer32 (0..999)	Calls Carried	An object containing the number of calls carried over the trunk member.
TRUNK LIGHTLY USED REPORT					

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 F1d 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	<code>list measurements lightly-used-trunk yesterday</code>	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					
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	.1.1.3	R	Integer32 (0..2000)	Trunk Group	An object containing the trunk group number.
TRUNK LIGHTLY USED REPORT					
avCmMeasLightUseTrkYestRunDate	.1.1.4	R	SnmpAdminString (SIZE (0..27))	Date	An object containing the Date the command was executed.

Table continues...

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

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements lightly-used-trunk yesterday Page 1
Switch Name: Date: 8:17 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 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	<code>list measurements security-violations summary</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasSecViolationSumTable	.1	n/a	SEQUENCE OF AvCmMeasSecViolationSumEntry	n/a	An object that contains a list of the avCmMeasSecViolationSum entries
AvCmMeasSecViolationSumEntry	.1.1	n/a	AvCmMeasSecViolationSumEntry	n/a	A avCmMeasSecViolationSum entry containing objects of the avCmMeasSecViolationSum information sent by the switch.
avCmMeasSecViolationSumPortTypeldx	.1.1.1	n/a	SnmpAdminString (SIZE (0..11))	n/a	An object that uniquely identifies each increment of data.
avCmMeasSecViolationSumPortType	.1.1.2	R	SnmpAdminString (SIZE (0..11))	Port Type	An object containing the port type.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the Date the command was executed.
SECURITY VIOLATIONS SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasSecViolationSumCountSince	.1.1.4	R	SnmpAdminString (SIZE (0..11))	Counted Since	An object containing when the counts started being kept.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidBC	.1.1.5	R	Integer32 (0..9999999)	Valid Barrier Codes	An object containing the total number of times a entered a valid barrier code.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidBC	.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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumBC	.1.1.7	R	Integer32 (0..9999999)	Total Barrier Codes	An object containing the total number of security violations for barrier codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidStnSecCode	.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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidStnSecCode	.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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidTrkSecCode	.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.
SECURITY VIOLATIONS SUMMARY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasSecViolationSumInvalidTrkSecCode	. 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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumTotValidSecCode	. 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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumTotInvalidSecCode	. 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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumTotSecCode	. 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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidStnAC	. 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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidStnAC	. 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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidTrkAC	. 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.
SECURITY VIOLATIONS SUMMARY REPORT					
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	OID	R/W	Type	Field Name	Description
Form/Report name					
SECURITY VIOLATIONS SUMMARY REPORT					trunks that generated invalid authorization codes.
avCmMeasSecViolationSumValidRemAccAC	.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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidRemAccAC	.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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidAtdAC	.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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidAtdAC	.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.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumValidTotAC	.1.1.23	R	Integer32 (0..9999999)	Total Valid Authorization Codes	An object containing the number of calls that generated valid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumInvalidTotAC	.1.1.24	R	Integer32 (0..9999999)	Total Invalid Authorization Codes	An object containing the number of calls that generated invalid authorization codes.
SECURITY VIOLATIONS SUMMARY REPORT					
avCmMeasSecViolationSumTotAC	.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.
SECURITY VIOLATIONS SUMMARY REPORT					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements security-violations summary

Switch Name:                               Date: 8:31 am  FRI MAY 29, 2015

                SECURITY VIOLATIONS SUMMARY REPORT
                Counted Since: system initialization

Barrier Codes  Station Security Codes  Authorization Codes
-----
                Origination
Valid          0      Station  Trunk  Total  Station  Trunk  Remote  Attd  Total
Invalid        0          0      0      0      0          0      0      0      0      0
Sec Viol       0          0      0      0      0          0      0      0      0      0

Command successfully completed
Command:

```

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	<code>list media-gateway</code>	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.

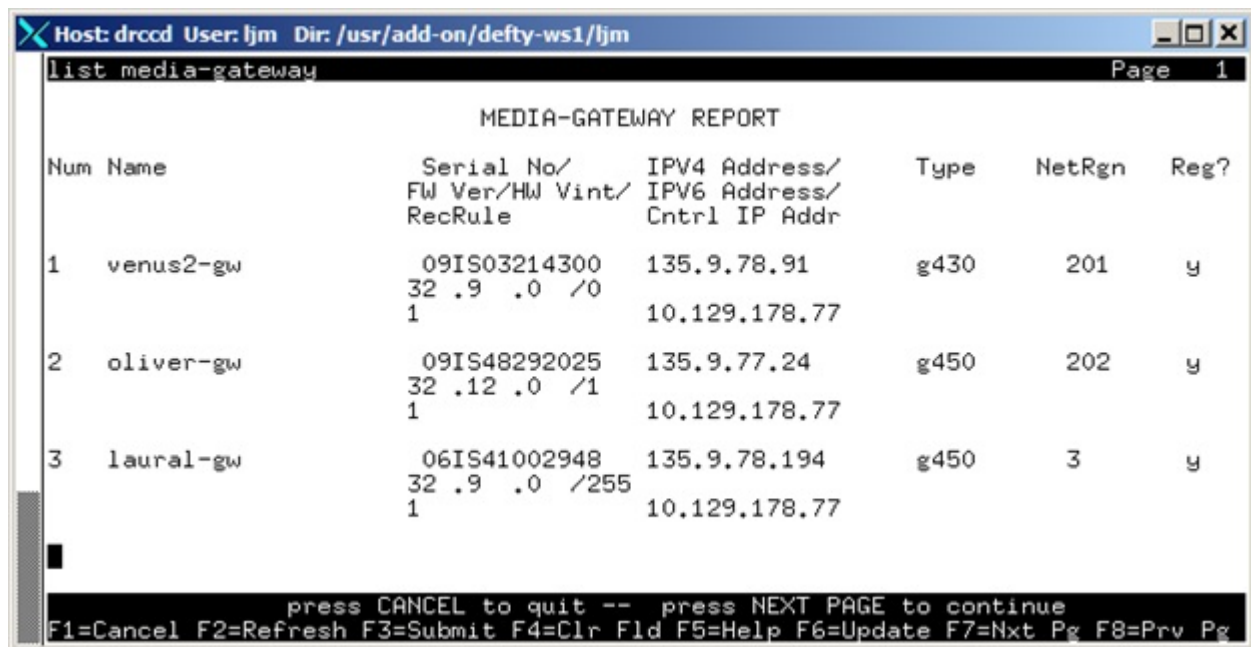
Objects

Object Name	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	.1.1.2	R	Integer32 (0..250)	Num	An object containing the Gateway Number.
MEDIA-GATEWAY REPORT					
avCmListMedGatewayName	.1.1.3	R	SnmpAdminString (SIZE (0..28))	Name	An object containing the Name of the gateway.
MEDIA-GATEWAY REPORT					
avCmListMedGatewaySerialNum	.1.1.4	R	SnmpAdminString (SIZE (0..13))	Serial Number	An object containing the Serial Number.
MEDIA-GATEWAY REPORT					
avCmListMedGatewayFWVersHWVint	.1.1.5	R	SnmpAdminString (SIZE (0..17))	FW Version/HW Vintage	An object containing the FW Version/HW Vintage.
MEDIA-GATEWAY REPORT					
avCmListMedGatewayRecRule	.1.1.6	R	SnmpAdminString (SIZE (0..5))	RecRule	An object containing the recovery rule for the gateway.
MEDIA-GATEWAY REPORT					
avCmListMedGatewayIPv4Address	.1.1.7	R	SnmpAdminString (SIZE (0..16))	IPv4 Address	An object containing the IPV4 Address of the gateway.
MEDIA-GATEWAY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmListMedGatewayI PV6Address	. 1.1.8	R	SnmpAdminString (SIZE (0..41))	IPV6 Address	An object containing the IPV6 Address of the gateway.
MEDIA-GATEWAY REPORT					
avCmListMedGateway ContrlAddr	. 1.1.9	R	SnmpAdminString (SIZE (0..41))	Cntrl IP Addr	An object containing the control IP Address.
MEDIA-GATEWAY REPORT					
avCmListMedGatewayT ype	. 1.1.1 0	R	SnmpAdminString (SIZE (0..9))	Type	An object containing the gateway type.
MEDIA-GATEWAY REPORT					
avCmListMedGateway Region	. 1.1.1 1	R	SnmpAdminString (SIZE (0..250))	NetRgn	An object containing the network region assigned to the gateway.
MEDIA-GATEWAY REPORT					
avCmListMedGateway Registered	. 1.1.1 2	R	SnmpAdminString (SIZE (0..2))	Reg?	An object containing whether the gateway is registered.
MEDIA-GATEWAY REPORT					

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	<code>list media-gateway</code>	SYSTEM CONFIGURATION
	SAT	<code>list configuration media-gateway</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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 uniquely identifies a media gateway.
avCmListConfigMedGatewayBoardIdx	.1.1.2	n/a	SnmpAdminString (SIZE (0..10))	n/a	An object 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	.1.1.3	R	SnmpAdminString (SIZE (0..28))	Board Number	An object 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).
SYSTEM CONFIGURATION					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmListConfigMedGatewayBoardType	.1.1.4	R	SnmpAdminString (SIZE (0..20))	Board Type	An object containing the type of board.
SYSTEM CONFIGURATION					
avCmListConfigMedGatewayCode	.1.1.5	R	SnmpAdminString (SIZE (0..11))	Code	An object that contains a the board code and suffix of the board.
SYSTEM CONFIGURATION					
avCmListConfigMedGatewayVintage	.1.1.6	R	SnmpAdminString (SIZE (0..11))	Vintage	An object that contains vintage of the board.
SYSTEM CONFIGURATION					
avCmListConfigMedGatewayAssignedPorts	.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.
SYSTEM CONFIGURATION					

Sample output of forms

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

MEDIA-GATEWAY REPORT

Num Name          Serial No/      IPV4 Address/   Type   NetRgn  Reg?
FW Ver/HW Vint/  IPV6 Address/
RecRule          Cntrl IP Addr

1  venus2-gw      09IS03214300   135.9.78.91    g430   201    y
    32 .9 .0 /0
    1           10.129.178.77

2  oliver-gw     09IS48292025   135.9.77.24    g450   202    y
    32 .12 .0 /1
    1           10.129.178.77

3  laural-gw     06IS41002948   135.9.78.194   g450   3      y
    32 .9 .0 /255
    1           10.129.178.77

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 configuration media-gateway 1

SYSTEM CONFIGURATION

Board          Board Type          Code      Vintage          Assigned Ports
Number         Board Type          Code      Vintage          u=unassigned t=tti p=psa
001V1         ICC MM              S8300D   HW01 FW001
001V3         ANA MM              MM714BP  HW20 FW201  u u u u u u u u

Command successfully completed
Command: █
```

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	OID	R/W	Type	Field Name	Description
avCmStatusMedGatewayAlmMajor	.1	R	Integer32 (0..9999)	Alarms Major	An object that contains the number of major alarms.
GATEWAY STATUS					
avCmStatusMedGatewayAlmMinor	.2	R	Integer32 (0..9999)	Alarms Major	An object that contains the number of minor alarms.
GATEWAY STATUS					
avCmStatusMedGatewayAlmWarning	.3	R	Integer32 (0..9999)	Alarms Warning	An object that contains the number of warning alarms.
GATEWAY STATUS					
avCmStatusMedGatewayBusyOutTrunks	.4	R	Integer32 (0..9999)	BUSYOUT Trunks	An object that contains the number of Busied Out Trunks.
GATEWAY STATUS					
avCmStatusMedGatewayBusyOutStations	.5	R	Integer32 (0..9999)	BUSYOUT Stations	An object that contains the number of Busied Out stations.
GATEWAY STATUS					
avCmStatusMedGatewayH248LinksDown	.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.
GATEWAY STATUS					
avCmStatusMedGatewayH248LinksUp	.7	R	Integer32 (0..9999)	Links Up	An object containing the total number of

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
GATEWAY STATUS					media gateways administered in a system that do have a H.248 link established to the media gateway controller.
avCmStatusMedGatewayNbrLogins	.8	R	Integer32 (0..99)	# Logins	An object containing the total number of logins into the system.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms1	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms2	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms3	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms4	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms5	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms6	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms7	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms8	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms9	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms10	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms11	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms12	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms13	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms14	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms15	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms16	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms17	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms18	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms19	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms20	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms21	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms22	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms23	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms24	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms25	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms26	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms27	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms28	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms29	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms30	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms31	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms32	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms33	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms34	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms35	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms36	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms37	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms38	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms39	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms40	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms41	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms42	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms43	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms44	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms45	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms46	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms47	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms48	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms49	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms50	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms51	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms52	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms53	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms54	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms55	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms56	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms57	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms58	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms59	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms60	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms61	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms62	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms63	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms64	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms65	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms66	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms67	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms68	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms69	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms70	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms71	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms72	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms73	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms74	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms75	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms76	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms77	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms78	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms79	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms80	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms81	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms82	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms83	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms84	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms85	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms86	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms87	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms88	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms89	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms90	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms91	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms92	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms93	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms94	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms95	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms96	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms97	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms98	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms99	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms100	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms101	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms102	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms103	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms104	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms105	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms106	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms107	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms108	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms109	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms110	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms111	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms112	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms113	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms114	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms115	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms116	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms117	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms118	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms119	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms120	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms121	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms122	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms123	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms124	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms125	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms126	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms127	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms128	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms129	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms130	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms131	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms132	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms133	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms134	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms135	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms136	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms137	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms138	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms139	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms140	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms141	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms142	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms143	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms144	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms145	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms146	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms147	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms148	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms149	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms150	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms151	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms152	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms153	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms154	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms155	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms156	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms157	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms158	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms159	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms160	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms161	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms162	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms163	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms164	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms165	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms166	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms167	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms168	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms169	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms170	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms171	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms172	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms173	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms174	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms175	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms176	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms177	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms178	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms179	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms180	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms181	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms182	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms183	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms184	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms185	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms186	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms187	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms188	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms189	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms190	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms191	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms192	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms193	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms194	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms195	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms196	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms197	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms198	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms199	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms200	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms201	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms202	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms203	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms204	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms205	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms206	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms207	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmStatusMedGatewayAlarms208	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms209	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms210	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms211	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms212	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms213	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms214	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms215	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms216	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms217	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms218	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms219	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms220	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms221	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms222	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms223	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms224	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms225	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms226	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms227	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms228	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms229	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms230	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms231	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms232	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms233	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms234	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms235	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms236	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms237	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms238	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms239	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms240	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms241	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms242	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms243	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedGatewayAlarms244	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms245	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms246	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms247	.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.
GATEWAY STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmStatusMedGatewayAlarms248	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms249	.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.
GATEWAY STATUS					
avCmStatusMedGatewayAlarms250	.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.
GATEWAY STATUS					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
status media-gateways

ALARM SUMMARY          BUSY-OUT SUMMARY      H.248 LINK SUMMARY
Major: 0              Trunks: 0             Links Down: 0        # Logins: 02
Minor: 1              Stations: 0            Links Up: 9
Warning: 9

GATEWAY STATUS

Alarms                Alarms                Alarms                Alarms                Alarms
MG Mj Mn Wn Lk      MG Mj Mn Wn Lk      MG Mj Mn Wn Lk      MG Mj Mn Wn Lk      MG Mj Mn Wn Lk
1  0l 0l 0lup      10 0l 0l 0lup
2  0l 0l 3lup
3  0l 0l 0lup
4  0l 0l 4lup
5  0l 0l 0lup
6  0l 1l 2lup
8  0l 0l 0lup
9  0l 0l 0lup

Command:

```

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:

```

MIB Groups

```
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:
```

```
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:
```

MIB Groups

```
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 SAT Bash/SAT	<code>list multimedia</code> <code>ip-unregistered</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
	.1	n/a	SEQUENCE OF AvCmListIpUnregist eredEntry	n/a	An object that contains a list of the avCmListIpUnregist ered entries.
	.1.1	n/a	AvCmListMedGatew ayEntry	n/a	A avCmListIpUnregist ered entry containing objects of the avCmListIpUnregist ered 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	OID	R/W	Type	Field Name	Description
Form/Report name					
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

```

Host: drccd User: ljm Dir: /usr/add-on/defty-wsl/ljm
list multimedia ip-unregistered

UNREGISTERED IP TELEPHONES

Ext      IP STATION      Port      Registered?
1000     S00000          S00000    n
1001     S00001          S00001    n
1003     S00002          S00002    n
1004     S00005          S00005    n
1005     S00006          S00006    n
1006     S00007          S00007    n
1008     S00008          S00008    n
1009     S00009          S00009    n
1012     S00010          S00010    n
4006     S00012          S00012    n
4007     S00013          S00013    n
4200     S00019          S00019    n
4300     S00020          S00020    n
538-4007 S00022          S00022    n

Command successfully completed
Command:

```

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
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.
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	OID	R/W	Type	Field Name	Description
avCmListSurvProcessType	. 1.1.4	R	SnmpAdminString (SIZE (0..6))	Type	An object containing the type of survivable processor.
SURVIVABLE PROCESSORS					
avCmListSurvProcessReg	. 1.1.5	R	SnmpAdminString (SIZE (0..2))	Reg	An object containing whether the survivable processor is registered.
SURVIVABLE PROCESSORS					
avCmListSurvProcessActive	. 1.1.6	R	SnmpAdminString (SIZE (0..2))	Act	An object containing whether the survivable processor is active.
SURVIVABLE PROCESSORS					
avCmListSurvProcessTranslationsUpdated	. 1.1.7	R	SnmpAdminString (SIZE (0..18))	Translations Updated	An object containing when the survivable processor translations were last updated.
SURVIVABLE PROCESSORS					
avCmListSurvProcessNetRgn	. 1.1.8	R	SnmpAdminString (SIZE (0..9999))	Net Rgn	An object containing the network region the survivable processor is using.
SURVIVABLE PROCESSORS					
avCmListSurvProcessIpAddress	. 1.1.9	R	SnmpAdminString (SIZE (0..41))	IP Address	An object containing the IP address the survivable processor is using.
SURVIVABLE PROCESSORS					
avCmListSurvProcessIPv6Name	. 1.1.10	R	SnmpAdminString (SIZE (0..16))	IPV6 Address	An object containing the Name of the IPV6 address the survivable processor is using.
SURVIVABLE PROCESSORS					
avCmListSurvProcessIPv6Address	. 1.1.11	R	SnmpAdminString (SIZE (0..41))	IPV6 Address	An object containing the IPV6 address the survivable processor is using.
SURVIVABLE PROCESSORS					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list survivable-processor

SURVIVABLE PROCESSORS
Record Name/      Type      Reg Act      Translations      Net
Number  IP Address                                     Updated           Rgn
-----  -
1      kenny-ess  ESS D        y   n           22:05 5/11/2015  1
      10.129.178.146
      No V6 Entry

Command successfully completed
Command:

```

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
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 avCmDispSurvProcess information sent by the switch.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispSurvProcess NameIdx	. 1.1.1	n/a	SnmpAdminString (SIZE (0..16))	n/a	An object that identifies each increment of data.
avCmDispSurvProcess NodeName	. 1.1.2	R	SnmpAdminString (SIZE (0..16))	Name	An object that contains the name of the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess Type	. 1.1.3	R	SnmpAdminString (SIZE (0..13))	Type	An object containing the name of the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess ClusterId	. 1.1.4	R	InavCmDispSurvPr ocessClusterId	Cluster ID/MID	An object containing the cluster id or MID of the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess ActivesrvIP	. 1.1.5	R	SnmpAdminString (SIZE (0..41))	ACTI Address	An object containing the survivable processor active IP address.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess AID	. 1.1.6	R	Integer32 (0..999)	A Server ID	An object containing the survivable processor A server ID.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess Anodename	. 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					
avCmDispSurvProcess AIP	. 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					
avCmDispSurvProcess BID	. 1.1.9	R	Integer32 (0..999)	B Server ID	An object containing the survivable processor B server ID.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess Bnodename	. 1.1.1 0	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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispSurvProcess BIP	. 1.1.1 1	R	SnmpAdminString (SIZE (0..41))	SERVER B V4 Address	An object containing the survivable processor SERVER B V4 IP Address.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess SystemPref	. 1.1.1 2	R	SnmpAdminString (SIZE (0..2))	System Preferred	An object containing whether System Preferred enabled for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess Priorityscore	. 1.1.1 3	R	Integer32 (0..100)	Priority Score	An object containing the Priority Score for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess LocalPref	. 1.1.1 4	R	SnmpAdminString (SIZE (0..2))	Local Preferred	An object containing whether Local Preferred enabledfor the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess LocalOnly	. 1.1.1 5	R	SnmpAdminString (SIZE (0..2))	Local Only	An object containing whether Local Only enabled for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess V6NodeName	. 1.1.1 6	R	SnmpAdminString (SIZE (0..16))	V6 Node Name	An object containing the IPV6 Node Name for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess V6IP	. 1.1.1 7	R	SnmpAdminString (SIZE (0..41))	V6 Address	An object containing the IPV6 Address for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess AV6NodeName	. 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.
SURVIVABLE PROCESSORS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmDispSurvProcess AV6IP	. 1.1.1 9	R	SnmpAdminString (SIZE (0..41))	SERVER B V6 Address	An object containing the server A IPV6 Address for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess BV6NodeName	. 1.1.2 0	R	SnmpAdminString (SIZE (0..16))	SERVER B V6 Node Name	SERVER B V6 Address for the survivable processor.
SURVIVABLE PROCESSORS					
avCmDispSurvProcess BV6IP	. 1.1.2 1	R	SnmpAdminString (SIZE (0..41))	SERVER B V6 Address	SERVER B V6 Address for the survivable processor.
SURVIVABLE PROCESSORS					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
display survivable-processor kenny-ess Page 1 of 7
SURVIVABLE PROCESSOR
Type: duplex-ess Cluster ID/MID: 3 Processor Ethernet Network Region: 1
Community: 1 Enable PE for H.323 Endpoints? y
Enable PE for H.248 Gateways? y
ACTIVE SERVER
V4 Node Name: kenny-ess Address: 10.129.178.146
V6 Node Name: Address:
SERVER A
Server ID: 3
V4 Node Name: kenny-ess1 Address: 10.129.178.78
V6 Node Name: Address:
SERVER B
Server ID: 4
V4 Node Name: kenny-ess2 Address: 10.129.178.145
V6 Node Name: Address:
PORT NETWORK PARAMETERS
Community Size: all System Preferred: y
Priority Score: 1 Local Preferred: n
Local Only: n

```

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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListNodeNamesAllTable	.1	R	SEQUENCE OF AvCmListNodeNamesAllEntry	Groups/Splits/Skills	An object that contains the number of available Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmListNodeNamesAllEntry	.1.1	R	AvCmListNodeNamesAllEntry	Groups/Splits/Skills	An object that contains the system limit of Groups/Splits/Skills.
SYSTEM CAPACITY					
avCmListNodeNamesAllNameIdx	.1.1.1	R	SnmpAdminString (SIZE (0..16))	Administered Logical Agents	An object that contains the number of used administered logical agents.
SYSTEM CAPACITY					
avCmListNodeNamesAllName	.1.1.2	R	SnmpAdminString (SIZE (0..16))	Administered Logical Agents	An object that contains the number of available administered logical agents.
SYSTEM CAPACITY					
avCmListNodeNamesAllType	.1.1.3	R	SnmpAdminString (SIZE (0..6))	Administered Logical Agents	An object that contains the system limit of administered logical agents.
SYSTEM CAPACITY					
avCmListNodeNamesAllIPAddress	.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.
SYSTEM CAPACITY					

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

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					esV4 information sent by the switch..
avCmCapacityCallV ecMeetMeVdnUsed	. 1.1.1	R	SnmpAdminString (SIZE (0..16))	n/a	An object that identifies each increment of data..
avCmCapacityHuntG rpsSpSkSysLim	. 1.1.2	R	SnmpAdminString (SIZE (0..16))	Name	An object containing the Name of the node.
NODE NAMES					
avCmCapacityHuntG rpsAdmLogAgtUsed	. 1.1.3	R	SnmpAdminString (SIZE (0..6))	Type	An object containing the type of node name.
NODE NAMES					
avCmListNodeNames V4IPAddress	. 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=C1r F1d 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
avCmListNodenNamesV6Group	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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListNodeNamesV6Table	.1	R	SEQUENCE OF AvCmListNodeNamesV6Entry	n/a	A list of the avCmListNodeNamesV6 entries.
avCmListNodeNamesV4Entry	.1.1	R	AvCmListNodeNamesV6Entry	n/a	A avCmListNodeNamesV6 entry containing objects of the avCmListNodeNamesV6 information sent by the switch.
avCmCapacityCallVecMeetMeVdnUsed	.1.1.1	R	SnmpAdminString (SIZE (0..16))	n/a	An object that identifies each increment of data.
avCmCapacityHuntGroupsSpSkSysLim	.1.1.2	R	SnmpAdminString (SIZE (0..16))	Name	An object containing the Name of the node.
NODE NAMES					
avCmCapacityHuntGroupsAdmLogAgtUsed	.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

```

Host: drccd User: ljm Dir: /home/ljm
list node-names v6 Page 1
NODE NAMES
Type      Name                IP Address
IP        Xfirev61a04        2002:8709:b5fe:0:204:dff:fee7:1e71
IP        abc                 1111:1111:1111:1111:1111:1111:1111:1111
IP        abc1                1111:1111:1111:1111:1111:1111:1111:2222
IP        abc2                1111:1111:1111:1111:1111:1111:2222:1111
IP        abc3                1111:1111:1111:1111:1111:1111:2222:1111
IP        b4sp-icc-v6        fe80::2ca:feff:fe22:4196
IP        clv61a08           2002:8709:b5fe:0:204:dff:fe00:102
IP        clv61a08loop       2002:8709:b5fe:0:204:dff:fe00:102
IP        clv61a09           2002:8709:b5fe:0:204:dff:fe4b:15d3
IP        dewalt-v6          2002:8709:b5fe::1:3
IP        dewalt1-v6         2002:8709:b5fe::1:1
IP        dewalt2-v6         2002:8709:b5fe::1:2
IP        gatewayv6-1       2002:8709:b5fe::1
IP        gatewayv6-2       2002:8709:b5fe::2
IP        genesis-srv-v6    2002:8709:84fa::3
IP        hilti-v6           2002:8709:b5fe::54
press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr F1d 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 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."lzw-procr6" = STRING: lzw-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	<code>list announcement</code>	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.

Sample output of forms

Announcement Extension	Type	Name	Source	Num of Files
88010	integrated	ann88010	07B11	1
88011	integrated	ann88011	07B11	1
88012	integrated	ann88012	07B11	1
88013	integrated	ann88013	07B11	1
88014	integrated	ann88014	07B11	1
88015	integrated	ann88015	07B11	1
88016	integrated	ann88016	07B11	1
88017	integrated	ann88017	07B11	1
88018	integrated	ann88018	07B11	1
88019	integrated	ann88019	07B11	1
88020	integrated	ann88020	07B11	1
88021	integrated	ann88021	07B11	1
88022	integrated	ann88022	07B11	1
88023	integrated	ann88023	07B11	1
88024	integrated	ann88024	07B11	1
88025	integrated	ann88025	07B11	1

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 / 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	<code>list multimedia ip-unregistered xxxxx count x</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list multimedia ip-unregistered 0 count 10

UNREGISTERED IP TELEPHONES

Ext      IP STATION      Port      Registered?
1000     S00000          n
1001     S00001          n
1003     S00002          n
1004     S00005          n
1005     S00006          n
1006     S00007          n
1008     S00008          n
1009     S00009          n
1012     S00010          n
4006     S00012          n

Command successfully completed
Command: █
```

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	<code>display time</code>	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/>.

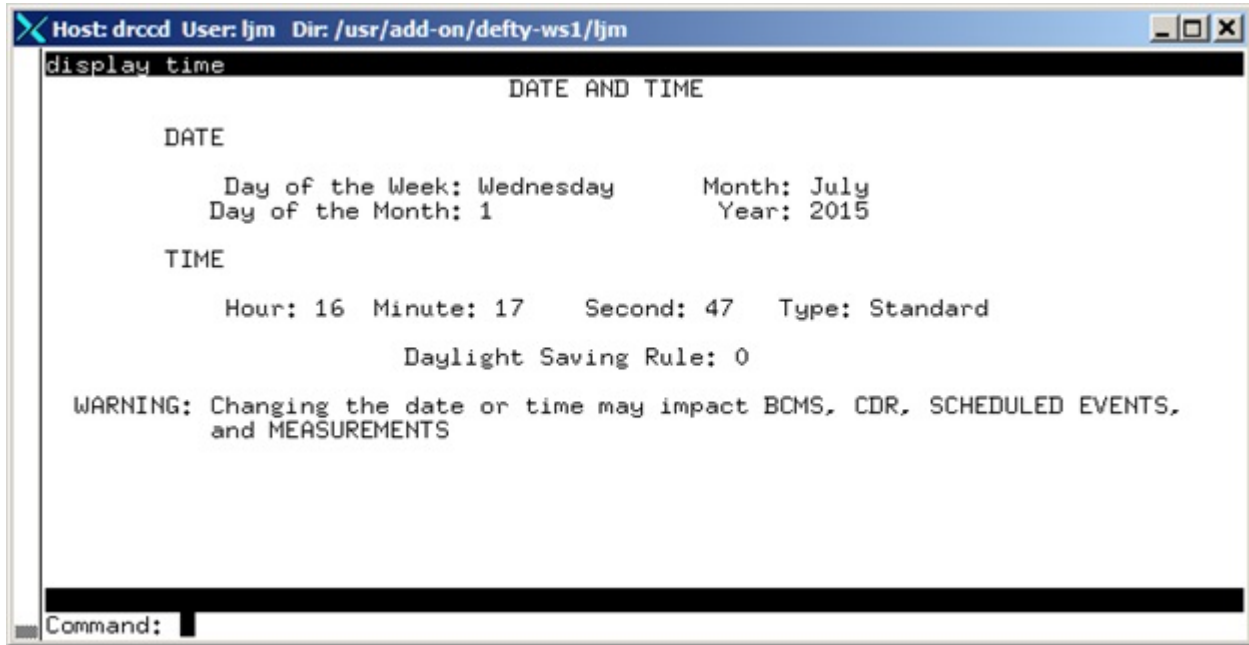
Command permissions or user profile

No special permissions needed.

Objects

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmDispTimeDayOfWeek	.1	R	SnmpAdminString (SIZE (0..10))	Day of the Week	An object that contains the day of the week.
DATE AND TIME					
avCmDispTimeMonth	.2	R	SnmpAdminString (SIZE (0..10))	Month	An object that contains the month of the year.
DATE AND TIME					
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	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	OID	R/W	Type	Field Name	Description
avCmMessagingAlarmIdx	.1.1.1	n/a	Integer32 (0..400)	n/a	An object that uniquely identifies each Messaging Alarm.
avCmMessagingAlarmID	.1.1.2	R	Integer32 (0..400)	ID	An object that uniquely identifies each Messaging Alarm.
Messaging Alarms					
avCmMessagingAlarmApp	.1.1.3	R	SnmpAdminString (SIZE (0..13))	APP	An object that displays the application name associated with the alarm.
Messaging Alarms					
avCmMessagingAlarmSource	.1.1.4	R	SnmpAdminString (SIZE (0..25))	Source	An object that displays the abbreviated name of the Source which generated the alarm.
Messaging Alarms					
avCmMessagingAlarmEventID	.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.
Messaging Alarms					
avCmMessagingAlarmLevel	.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).
Messaging Alarms					
avCmMessagingAlarmAck	.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.
Messaging Alarms					
avCmMessagingAlarmLoc	.1.1.8	R	Integer32 (0..400)	Location	An object that displays the location of the alarm origination.
Messaging Alarms					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMessagingAlarm Date	. 1.1.9	R	SnmpAdminString (SIZE (0..6))	Date	An object that contains the date the Messaging Alarm was generated.
Messaging Alarms					
avCmMessagingAlarm Description	. 1.1.1 0	R	SnmpAdminString (SIZE (0..9))	Description	An object that contains a description of the Messaging Alarm.
Messaging Alarms					

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 #012200000000: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	<code>display initcauses</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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.
avCmInitCausesTimeldx	.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 avCmInitCausesTimeldx serves as the
avCmInitCausesTime	.1.1.3	R	SnmpAdminString (SIZE (0.13))	Time	An object containing the time of the event.
INITIALIZATION CAUSES					
avCmInitCausesCause	.1.1.4	R	SnmpAdminString (SIZE (0..25))	Cause	An object containing the cause of the event.
INITIALIZATION CAUSES					
avCmInitCausesAction	.1.1.5	R	Integer32 (0..9)	Action	An object containing the reset level of the vent.
INITIALIZATION CAUSES					
avCmInitCausesEscalated	.1.1.6	R	SnmpAdminString (SIZE (0..6))	Escalated	An object containing whether or not event escalated.
INITIALIZATION CAUSES					
avCmInitCausesMode	.1.1.7	R	SnmpAdminString (SIZE (0..9))	Mode	An object containing the mode.
INITIALIZATION CAUSES					

Sample output of forms

```
Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
display initcauses
```

INITIALIZATION CAUSES				
Cause	Action	Escalated	Mode	Time
Initialized	4	no	Standby	05/12 09:05
Internal Request	1	no	Standby	05/12 09:05
Initialized	4	no	Standby	05/12 09:12
Internal Request	1	no	Standby	05/12 09:12
Internal Request	4	no	Active	05/12 09:13
Craft Request	4	no	Active	05/12 09:21
Interchange	4	no	Standby	05/19 09:35
Internal Request	1	no	Standby	05/19 09:36
Internal Request	1	no	Standby	05/19 09:36
Interchange-Craft	4	no	Active	05/19 09:36
Initialized	4	no	Active	05/19 09:40
Initialized	4	no	Active	05/19 09:50
Initialized	4	no	Active	05/19 09:53
Initialized	4	no	Active	05/19 10:59

```
Command successfully completed
Command: █
```

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	OID	R/W	Type	Field Name	Description
avCmMeasAnnIntegAIIListHrTable	.1	n/a	SEQUENCE OF avCmMeasAnnIntegAIIListHrEntry	n/a	An object containing the avCmMeasAnnIntegAIIListHr entries.
avCmMeasAnnIntegAIIListHrEntry	.1.1	n/a	avCmMeasAnnIntegAIIListHrEntry	n/a	An object containing the avCmMeasAnnIntegAIIListHr information that the switch sent.
avCmMeasAnnIntegAIIListHrIdx	.1.1.1	n/a	SnmpAdminString (SIZE (0..17))	n/a	An object that uniquely identifies each increment of data.
avCmMeasAnnIntegAIIListHrExtension	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Extension	An object containing the announcement extension.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAIIListHrRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date when the command was executed.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAIIListHrSource	.1.1.4	R	SnmpAdminString (SIZE (0..6))	Source	An object containing the Source board or the media module.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAIIListHrPlayPorts	.1.1.5	R	Integer32 (0..99999)	Play Ports	An object containing the number of play ports for the source.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAIIListHrMaxCallrsPeriod	.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					
avCmMeasAnnIntegAIIListHrAllPortsBusyPeriod	.1.1.7	R	Integer32 (0..99999)	All Ports Busy in Period	An object containing the number of times

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENT MEASUREMENTS					all the ports on the source were busy during the period.
avCmMeasAnnIntegAllstHrName	.11.8	R	SnmpAdminString (SIZE (0..25))	Name	An object containing the name of the announcement. The name is maximum 24 characters.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllstHrMeasHour	.11.9	R	Integer32 (0..99999)	Meas Hour	An object containing the measurement hour.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllstHrPlayRequests	.11.10	R	Integer32 (0..99999)	Play Reqts	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllstHrCallsQueued	.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.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllstHrASP	.11.12	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.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllstHrPSP	.11.13	R	Integer32 (0..9999)	PSP	An object containing the peak speed to play an announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasAnnIntegAllstHrQueueDrops	.11.1.4	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.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllstHrMportPlays	.11.1.5	R	Integer32 (0..99999)	Mport Plays	An object containing the number of times the announcement is played simultaneously from multiple ports during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllstHrMxPorts	.11.1.6	R	Integer32 (0..99)	Mx Pt	An object containing the maximum number of ports used for the announcement during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllstHrMaxCallers	.11.1.7	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.
VOICE ANNOUNCEMENT MEASUREMENTS					

Sample output of forms

```

Host: drccd User: ljm Dir: /usr/add-on/defty-ws1/ljm
list measurements announcement integ-all last-hour Page 1
Switch Name:                               Date: 10:13 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

Ext      Name (first 24 chars)      Meas Play  Calls      Queue Mport Mx Max
      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 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	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	OID	R/W	Type	Field Name	Description
Form/Report name					
					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	.1.1.8	R	SnmpAdminString (SIZE (0..25))	Name	An object containing the name of the announcement. The

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENT MEASUREMENTS					name is maximum 24 characters.
avCmMeasAnnIntegAll TodayMeasHour	. 1.1.9	R	Integer32 (0..99999)	Meas Hour	An object containing the measurement hour.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayPlayRequests	. 1.1.1 0	R	Integer32 (0..99999)	Play Reqts	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayCallsQueued	. 11.1 1	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.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayASP	. 1.1.1 2	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.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayPSP	. 11.1 3	R	Integer32 (0..9999)	PSP	An object containing the peak speed to play an announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayQueueDrops	. 11.1 4	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
VOICE ANNOUNCEMENT MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					(VDN of origin Announcements) aborted are included. Calls in the queue that the agent answered are excluded from the count.
avCmMeasAnnIntegAll TodayMportPlays	. 11.1 5	R	Integer32 (0..99999)	Mport Plays	An object containing the number of times the announcement is played simultaneously from multiple ports during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayMxPorts	. 11.1 6	R	Integer32 (0..99)	Mx Pt	An object containing the maximum number of ports used for the announcement during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAll TodayMaxCallers	. 11.1 7	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.
VOICE ANNOUNCEMENT MEASUREMENTS					

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

Ext      Name (first 24 chars)      Meas Play  Calls  Queue Mport Mx Max
        Name (first 24 chars)      Hour Reqts Que   ASP  PSP Drops Plays Pt Cls
88010    ann88010                   900 0     0     0    0    0    0    0  0  0
88011    ann88011                   900 0     0     0    0    0    0    0  0  0
88012    ann88012                   900 0     0     0    0    0    0    0  0  0
88013    ann88013                   900 0     0     0    0    0    0    0  0  0
88014    ann88014                   900 0     0     0    0    0    0    0  0  0
88015    ann88015                   900 0     0     0    0    0    0    0  0  0
88016    ann88016                   900 0     0     0    0    0    0    0  0  0
88017    ann88017                   900 0     0     0    0    0    0    0  0  0
88018    ann88018                   900 0     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 F1d 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	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	OID	R/W	Type	Field Name	Description
Form/Report name					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	.1.1.2	R	SnmpAdminString (SIZE (0..17))	Extension	An object containing the announcement extension.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestRunDate	.1.1.3	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date when the command was executed.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestSource	.1.1.4	R	SnmpAdminString (SIZE (0..6))	Source	An object containing the Source board or the media module.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestPlayPorts	.1.1.5	R	Integer32 (0..99999)	Play Ports	An object containing the number of play ports for the source.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestMaxCallrsPeriod	.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					
avCmMeasAnnIntegAllYestAllPortsBusyPeriod	.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					
avCmMeasAnnIntegAllYestName	.1.1.8	R	SnmpAdminString (SIZE (0..25))	Name	An object containing the name of the announcement. The name is maximum 24 characters.
VOICE ANNOUNCEMENT MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasAnnIntegAllYestMeasHour	.1.1.9	R	Integer32 (0..99999)	Meas Hour	An object containing the measurement hour.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestPlayRequests	.1.1.10	R	Integer32 (0..99999)	Play Reqts	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestCallsQueued	.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.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestASP	.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.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestPSP	.11.13	R	Integer32 (0..9999)	PSP	An object containing the peak speed to play an announcement.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestQueueDrops	.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
VOICE ANNOUNCEMENT MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					the queue that the agent answered are excluded from the count.
avCmMeasAnnIntegAllYestMportPlays	.11.1.5	R	Integer32 (0..99999)	Mport Plays	An object containing the number of times the announcement is played simultaneously from multiple ports during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestMxPorts	.11.1.6	R	Integer32 (0..99)	Mx Pt	An object containing the maximum number of ports used for the announcement during the period.
VOICE ANNOUNCEMENT MEASUREMENTS					
avCmMeasAnnIntegAllYestMaxCallers	.11.1.7	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.
VOICE ANNOUNCEMENT MEASUREMENTS					

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

Ext      Name (first 24 chars)      Meas Play  Calls  Queue Mport Mx Max
        Name (first 24 chars)      Hour Reqts Que   ASP  PSP Drops Plays Pt Cls
88010   ann88010                    2300 0     0     0     0     0     0     0
88011   ann88011                    2300 0     0     0     0     0     0     0
88012   ann88012                    2300 0     0     0     0     0     0     0
88013   ann88013                    2300 0     0     0     0     0     0     0
88014   ann88014                    2300 0     0     0     0     0     0     0
88015   ann88015                    2300 0     0     0     0     0     0     0
88016   ann88016                    2300 0     0     0     0     0     0     0
88017   ann88017                    2300 0     0     0     0     0     0     0
88018   ann88018                    2300 0     0     0     0     0     0     0

press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr F1d 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	<code>status mg- announcements</code>	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.
avCmStatusMGAnnMG Num	. 1.1.2	R	Integer32 (0..9999)	MG Num	An object containing the media gateway number.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
avCmStatusMGAnnMG Type	. 1.1.3	R	SnmpAdminString (SIZE (0..9))	MG Type	An object containing the media gateway type.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
avCmStatusMGAnnEna bled	. 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	OID	R/W	Type	Field Name	Description
avCmStatusMGAnnStorUsedTotal	.1.1.5	R	SnmpAdminString (SIZE (0..5))	CF Storage Usage(MB) Total/Annc /Avail	An object containing the amount of available storage.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
lavCmStatusMGAnnStorUsedUsed	.1.1.6	R	SnmpAdminString (SIZE (0..5))	CF Storage Usage(MB) Total/Annc /Avail	An object containing the amount of available storage.
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.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
avCmStatusMGAnnCfStatIns	.1.1.8	R	SnmpAdminString (SIZE (0..4))	CF Status Ins	An object containing the announcement status.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
avCmStatusMGAnnCfStatAct	.1.1.9	R	SnmpAdminString (SIZE (0..4))	CF Status Act	An object containing the announcement status.
MEDIA GATEWAY ANNOUNCEMENT STATUS					
avCmStatusMGAnnCfStatErr	.1.1.10	R	SnmpAdminString (SIZE (0..4))	CF Status Err	An object containing the announcement status.
MEDIA GATEWAY ANNOUNCEMENT STATUS					

Sample output of forms

```

status mg-announcements

```

MEDIA GATEWAY ANNOUNCEMENT STATUS					
MG Num	MG Type	Announcements Enabled?	CF Storage Total	Usage (MB) /Annc /Avail	CF Status Ins/Act/Err
1	g430	n	n/a		
2	g450	n	n/a		
3	g450	n	n/a		
4	g450	y	n/a		
5	g450	n	n/a		
6	g450	n	n/a		
8	g450	n	n/a		
9	g450	n	n/a		
10	g450	n	n/a		

```

Command successfully completed
Command: █

```

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

```

MIB Groups

```
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	<code>list integrated- annc-boards</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	OID	R/W	Type	Field Name	Description
Form/Report name					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	.1.1.8	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	OID	R/W	Type	Field Name	Description
Form/Report name					
INTEGRATED ANNOUNCEMENTS					announcement in seconds.
avCmListIntegAnnSize	.1.1.1	R	Integer32 (0..99999)	Size	An object containing the size of the announcement in kilobytes.
INTEGRATED ANNOUNCEMENTS	1				

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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterCodec	.1.1.10	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterPktSize	.1.1.11	R	Integer32 (0..999)	Pkt Size	An object containing the packet size.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterTimeCall	.1.1.12	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the time of the call.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterBufSize	.1.1.13	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Size	An object containing the size of the jitter buffer.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterBufOrn	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Jitter Buffer Orn	An object containing the Orn of the jitter buffer.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
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	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterAvgJitter	.1.1.16	R	SnmpAdminString (SIZE (0..5))	Jitter Avg	An object containing the average jitter.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterPeakJitter	.1.1.17	R	SnmpAdminString (SIZE (0..5))	Jitter Peak	An object containing the peak jitter.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					
avCmMeasIpVoStatHrJitterFarIpAddr	.1.1.18	R	SnmpAdminString (SIZE (0..41))	FarEnd IP-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS NETWORK REGION JITTER REPORT					

Sample output of forms

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

Meas Hour	Board Loc	Calling Number	Called Number/ FarEnd IP-Addr	Codec	Pkt Size (ms)	Time of Call (ms)	Jitter-Buffer (ms)	Orn	Urn	Avg (ms)	Peak (ms)
100	01A06	5021618	5022210 10,216,0,251	g711m	20	4051	1198	19	11	1092	1198
100	01A06	5021618	5022210 10,216,0,252	g711m	20	4041	996	8	3	996	996
100	01A06	5021618	5022210 10,216,0,251	g711m	20	4043	987	19	11	987	987
100	01A06	5021678	5022682 10,216,0,252	g711m	20	4017	596	10	12	596	596
100	01A06	5021985	5022661 10,216,0,252	g711m	20	4009	595	10	11	595	595

```
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
:
```

MIB Groups

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

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIPVoStatHrPkLosRunTime	. 1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosBoardLoc	. 1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosCallingNum	. 1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosCalledNum	. 1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosCodec	. 1.1.1 0	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosPktSize	. 1.1.1 1	R	Integer32 (0..999)	Pkt Size	An object containing the network region where the media processor is located.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosDstReg	. 1.1.1 2	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.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosAvg	. 1.1.1 3	R	Integer32 (0..6)	RT-Delay Avg	An object containing the UDP port assigned to the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					media process for the call.
avCmMeasIPVoStatHrPkLosPeak	. 1.1.1 4	R	Integer32 (0..999)	RT-Delay Peak	An object containing the packet size of each data stream of the call in milliseconds.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosTimeCall	. 1.1.1 5	R	Integer32 (0..9999)	Time of Call	An object containing the number of total packets lost for the call.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosDataCall	. 1.1.1 6	R	SnmpAdminString (SIZE (0..3))	Data Call	An object containing the indication of data calls.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosEncrypc	. 1.1.1 7	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.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					
avCmMeasIPVoStatHrPkLosEC	. 1.1.1 8	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS NETWORK REGION PKTLOSS REPORT					

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
Meas Board Calling Number/          Time      Pkt      Total Packet
Hour Loc   Called#/FEAddr  Codec     Reg   of  UDP   Size #lost  Loss  Sil
100 01A14  5020055      g711m    2    4205 30308 20    292   31   n
100 01A14  5020155      10.129.137.155
100 01A14  5020076      g711m    2    5311 30350 20    268   30   n
100 01A14  5020176      10.129.137.176
100 01A14  5020097      g711m    2    3751 30392 20    374   30   n
100 01A14  5020197      10.129.137.197
100 01A14  5020069      g711m    2    1327 30336 20    1170  30   n
100 01A14  5020169      10.129.137.169
100 01A14  5020082      g711m    2    0625 30362 20    618   30   n
0   01A14  5020182      10.129.137.182
0   01A14  5020040      g711m    2    0413 30278 20    492   30   n
0   01A14  5020140      10.129.137.140
0   01A14  5020030      g711m    2    2607 30258 20    1186  29   n
0   01A14  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
avCmMeasIpVoStatHrRtDel	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 STATISTICS 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	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	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 STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtdelMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtdelRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtdelBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtdelCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS 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	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtDelCodec	.1.1.1 0	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtDelPktSize	.1.1.1 1	R	Integer32 (0..999)	Pkt Size	An object containing the packet size of each data stream of the call in milliseconds.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtDelDstReg	.1.1.1 2	R	Integer32 (0..9999)	Dst Reg	An object containing the network region where the media processor is located.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtDelAvg	.1.1.1 3	R	Integer32 (0..9999)	RT-Delay Avg	An object containing the average two-way packet delay in milliseconds.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtDelPeak	.1.1.1 4	R	Integer32 (0..9999)	RT-Delay Peak	An object containing the peak two-way packet delay in the call.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtDelTimeCall	.1.1.1 5	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.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					
avCmMeasIpVoStatHrRtDelDataCall	.1.1.1 6	R	SnmpAdminString (SIZE (0..2))	Data Call	An object containing the indication of data calls.
IP VOICE STATISTICS NETWORK REGION RTDELAY REPORT					

Table continues...

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

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
Meas Board  Calling Number/          Pkt   RT-Delay Time
Hour Loc    Called#/FE-Addr   Codec (ms) Dst Reg (ms)  Avg Peak of Data
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
avCmMeasIpVoStatHrData	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object containing the measurement hour.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataBoardLoc	. 1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataCallingNum	. 1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataCalledNum	. 1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataCodec	. 1.1.10	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataDataType	. 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)
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataPktSize	. 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.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatHrDataLostPerc	. 1.1.1 3	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.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataPeakJitter	. 1.1.1 4	R	Integer32 (0..9999)	Peak Jit	An object containing the peak jitter during the call in milliseconds.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataPeakDly	. 1.1.1 5	R	Integer32 (0..9999)	Dly	An object containing the two-delay during the call in milliseconds.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataDataEC	. 1.1.1 6	R	SnmpAdminString (SIZE (0..2))	EC	an object containing the status of echo cancellation.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					
avCmMeasIpVoStatHrDataFarIPAddr	. 1.1.1 7	R	SnmpAdminString (SIZE (0..41))	FarEnd IPAddr	An object containing the far end IP address.
IP VOICE STATISTICS NETWORK REGION DATA REPORT					

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

Meas  Board  Calling  Called Num/  Data  Packet  Peak
Hour  Loc   Number  Farend IPAddr Codec  Type  Size  Loss  Jit  Dly  EC
1400  01A05  4010    4042        135.9.78.247 g711m mod-pt 10    0    0    1    n
1400  01A05  4010    4042        135.9.78.247 g711m mod-pt 10    0    0    1    n
1400  01A05  4010    4042        135.9.78.247 g711m mod-pt 10    0    0    1    n
1400  01A05  4010    4042        135.9.78.247 g711m mod-pt 10    0    0    1    n
1400  01A05  4010    4042        135.9.78.247 g711m mod-pt 10    0    0    1    n

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
avCmMeasIpVoStatSumJitterYest	enterprises.6889.2.73.8.1.68	Table

Description

The avCmMeasIpVoStatSumJitterLstHr MIB group displays 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	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	OID	R/W	Type	Field Name	Description
Form/Report name					with the information that the switch sent.
avCmMeasIpVoStatSumJitterLstHrRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumJitterLstHrHourIdx	.1.1.2	n/a	Integer32 (0..2300)	n/a	An index containing the measurements of the jitter voice statistics.
avCmMeasIpVoStatSumJitterLstHrIdx	.1.1.3	n/a	Integer32 (0..9999)	n/a	A unique index for the jitter voice statistics.
avCmMeasIpVoStatSumJitterLstHrIdx	.1.1.4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..17))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrDstReg	.1.1.10	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrCodec	.1.1.11	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrPktSize	.1.1.12	R	Integer32 (0..999)	Pkt Size	An object containing the packet size.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrTimeCall	.1.1.13	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the time of the call.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrBufSize	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Size	An object containing the size of the jitter buffer.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrBufOrn	.1.1.15	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Orn	An object containing the jitter buffer orn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrBufUrn	.1.1.16	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Urn	An object containing the jitter buffer urn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrAvgJitter	.1.1.17	R	SnmpAdminString (SIZE (0..5))	Jitter Avg	An object containing the average jitter recorded.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrPeakJitter	.1.1.18	R	SnmpAdminString (SIZE (0..5))	Jitter Peak	An object containing the peak jitter recorded.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterLstHrFarIpAddr	.1.1.19	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY JITTER REPORT					

Sample output of forms

```
list measurements ip voice-stats summary jitter last-hour Page 1
Switch Name: IP VOICE STATISTICS SUMMARY JITTER REPORT
Date: 2:24 am MON JUN 1, 2015
Src Meas Board Calling Number/ Dst Pkt Time Jitter-Buffer Jitter
Reg Hour Loc Called#/FEAddr Reg Codec (ms) Call (ms) Orn Urn Avg Peak
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
avCmMeasIpVoStatSumJitterYest	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
avCmMeasIpVoStatSumJitterToday	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY JITTER REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasIpVoStatSumJitterTodayRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..17))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayDstReg	.1.1.10	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayCodec	.1.1.11	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayPktSize	.1.1.12	R	Integer32 (0..999)	Pkt Size	An object containing the packet size.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayTimeCall	.1.1.13	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the time of the call.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayBufSize	.1.1.1.4	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Size	An object containing the size of the jitter buffer.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayBufOrn	.1.1.1.5	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Orn	An object containing the jitter buffer orn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayBufUrn	.1.1.1.6	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Urn	An object containing the jitter buffer urn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayAvgJitter	.1.1.1.7	R	SnmpAdminString (SIZE (0..5))	Jitter Avg	An object containing the average jitter recorded.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayPeakJitter	.1.1.1.8	R	SnmpAdminString (SIZE (0..5))	Jitter Peak	An object containing the peak jitter recorded.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterTodayFarIpAddr	.1.1.1.9	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY JITTER REPORT					

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
Src Meas  Board  Calling Number/ Dst      Pkt  Time  Jitter-Buffer  Jitter
Reg Hour  Loc   Called#/FEAddr  Reg  Codec  (ms) Call (ms)  Orn  Urn  Avg  Peak
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
avCmMeasIpVoStatSumJitterYest	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
avCmMeasIpVoStatSumJitterYest	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.4	R	Integer32 (0..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestMeasHour	.1.1.5	R	Integer32 (0..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..17))	Board Loc	An object containing the board location.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestDstReg	.1.1.10	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestCodec	.1.1.11	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestPktSize	.1.1.12	R	Integer32 (0..999)	Pkt Size	An object containing the packet size.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestTimeCall	.1.1.13	R	SnmpAdminString (SIZE (0..5))	Time of Call	An object containing the time of the call.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestBufSize	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Size	An object containing the size of the jitter buffer.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestBufOrn	.1.1.15	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Orn	An object containing the jitter buffer orn.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestBufUrn	.1.1.16	R	SnmpAdminString (SIZE (0..4))	Jitter-Buffer Urn	An object containing the jitter buffer urn.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestAvgJitter	.1.1.17	R	SnmpAdminString (SIZE (0..5))	Jitter Avg	An object containing the average jitter recorded.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestPeakJitter	.1.1.18	R	SnmpAdminString (SIZE (0..5))	Jitter Peak	An object containing the peak jitter recorded.
IP VOICE STATISTICS SUMMARY JITTER REPORT					
avCmMeasIpVoStatSumJitterYestFarIpAddr	.1.1.19	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY JITTER REPORT					

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
Src Meas  Board  Calling Number/ Dst  Pkt  Time  Jitter-Buffer  Jitter
Reg Hour  Loc   Called#/FEAddr  Reg  Codec  Size of Size  Orn  Urn  Avg  Peak
3   1000  01A03  5021143          3    g711m  20  1139  267  0   15  256  267
3   1000  01A03  5021143          3    g711m  20  1129  246  0   15  246  246
3   1000  01A03  5022468          3    g711m  20  1129  246  0   15  246  246
3   1000  01A03  5022468          3    g711m  20  1129  246  0   15  246  246

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
avCmMeasIpVoStatSumPkLosYest	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	<code>list measurements ip voice-stats pktloss last-hour</code>	IP VOICE STATISTICS 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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumPktLossLstHrHourIdx	.. 1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the PktLoss voice statistics.
avCmMeasIpVoStatSumPktLossLstHrIdx	.. 1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the pktloss voice statistics.
avCmMeasIpVoStatSumPktLossLstHrRegion	.. 1.1.4	R	Integer32 (0..2000)	List Command: Region	An object that containing the network region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLossLstHrMeasHour	. 1.1.5		Integer32 (0..2300)	Measurement Hour	An object containing the hour.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLossLstHrRunTime	. 1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLossLstHrBoardLoc	.. 1.1.7		SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLossLstHrCallingNum	.. 1.1.8		SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLossLstHrCalledNum	.. 1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumPkLosLstHrDstReg	.. 1.1.1 0	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrCodec	.. 1.1.1 1	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrTimeCall	.. 1.1.1 2	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.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrUDPPort	.. 1.1.1 3		SnmpAdminString (SIZE (0..6))	UDP Port	An object containing the port used by the media processor for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrPktSize	.. 1.1.1 4	R	Integer32 (0..999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrTotnumLostPkts	.. 1.1.1 5	R	Integer32 (0..9999)	Total # lost Pkts	An object containing the total packets lost during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrPktLossPercent	.. 1.1.1 6		SnmpAdminString (SIZE (0..3))	Packet Loss	An object containing the peak packet loss for a call. The packet loss is measured at 10-second intervals.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumPkLosLstHrSilSup	.. 1.1.1.7	R	SnmpAdminString (SIZE (0..2))	Sil Sup	An object containing the status of silence suppression during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosLstHrFEAddr	.. 1.1.1.8	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

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
avCmMeasIpVoStatSumPkLosToday	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
avCmMeasIpVoStatSumPkLosToday	SAT	<code>list measurements</code> <code>ip voice-stats</code> <code>pktloss today</code>	IP VOICE STATISTICS 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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	..1.1.4	R	Integer32 (0..2000)	List Command: Region	An object that containing the network region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayMeasHour	.1.1.5		Integer32 (0..2300)	Measurement Hour	An object containing the hour.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayBoardLoc	.. 1.1.7		SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayCallingNum	.. 1.1.8		SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayCalledNum	.. 1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayDstReg	.. 1.1.10	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayCodec	.. 1.1.11	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosTodayTimeCall	.. 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.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
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	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosTodayPktSize	.. 1.1.1 4	R	Integer32 (0..999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosTodayTotnumLosPkts	.. 1.1.1 5	R	Integer32 (0..9999)	Total # lost Pkts	An object containing the total packets lost during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosTodayPktLossPerc	.. 1.1.1 6		SnmpAdminString (SIZE (0..3))	Packet Loss	An object containing the peak packet loss for a call. The packet loss is measured at 10-second intervals.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosTodaySilSup	.. 1.1.1 7	R	SnmpAdminString (SIZE (0..2))	Sil Sup	An object containing the status of silence suppression during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPktLosTodayFEAddr	.. 1.1.1 8	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

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
of UDP Size #lost Loss Sil
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
avCmMeasIpVoStatSumPkLosYest	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 STATISTICS 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	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	OID	R/W	Type	Field Name	Description
Form/Report name					
					SumPkLosYest entry with the information that the switch sent.
avCmMeasIpVoStatSumPkLosYestRegIdx	.. 1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
	.. 1.1.2	n/a	Integer32 (1..2300)	n/a	An index containing the measurements of the PktLoss voice statistics.
avCmMeasIpVoStatSumPkLosYestHourIdx	.. 1.1.3	n/a	Integer32 (1..9999)	n/a	An index containing the measurements of the pktloss voice statistics.
	.. 1.1.4	R	Integer32 (0..2000)	List Command: Region	An object that containing the network region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestMeasHour	.. 1.1.5		Integer32 (0..2300)	Measurement Hour	An object containing the hour.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestRunTime	.. 1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestBoardLoc	.. 1.1.7		SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestCallingNum	.. 1.1.8		SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasIpVoStatSumPkLosYestCalledNum	.. 1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestDstReg	.. 1.1.1 0	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestCodec	.. 1.1.1 1	R	SnmpAdminString (SIZE (0..8))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestTimeCall	.. 1.1.1 2	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.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestUDPPort	.. 1.1.1 3		SnmpAdminString (SIZE (0..6))	UDP Port	An object containing the port used by the media processor for the call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestPktSize	.. 1.1.1 4	R	Integer32 (0..999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestTotnumLosPkts	.. 1.1.1 5	R	Integer32 (0..9999)	Total # lost Pkts	An object containing the total packets lost during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestPktLossPerc	.. 1.1.1 6		SnmpAdminString (SIZE (0..3))	Packet Loss	An object containing the peak packet loss for a call. The

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					packet loss is measured at 10-second intervals.
avCmMeasIpVoStatSumPkLosYestSilSup	.. 1.1.1.7	R	SnmpAdminString (SIZE (0..2))	Sil Sup	An object containing the status of silence suppression during a call.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					
avCmMeasIpVoStatSumPkLosYestFEAddr	.. 1.1.1.8	R	SnmpAdminString (SIZE (0..41))	FEAddr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY PKTLOSS REPORT					

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
Src Meas  Board  Calling  Number/  Dst      Time      Pkt  Total  Packet
Reg Hour  Loc   Called#  /FEAddr  Reg Codec  of UDP  Size #lost  Loss  Sil
          :          :          :          :          :      :      :      :      :
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

```

MIB Groups

```
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*, 555-233-505. 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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.4	R	Integer32 (1..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrMeasHour	.1.1.5	R	Integer32 (1..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrDstReg	.1.1.10	R	Integer32 (0..9999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrDstReg	.1.1.11	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrCodec	.1.1.12	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrAvg	.1.1.13	R	Integer32 (0..9999)	RT-Delay Avg	An object containing the average two-way packet delay in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrPeak	.1.1.14	R	Integer32 (0..999)	RT-Delay Peak	An object containing the peak two-way packet delay during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumRtdelLstHrTimeCall	. 1.1.1 5	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..
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrDataCallr	. 1.1.1 6	R	SnmpAdminString (SIZE (0..2))	Data Call	An object containing the indication of a data call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrEncryp	. 1.1.1 7	R	SnmpAdminString (SIZE (0..2))	Encryp	An object containing the status of encryption during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrEC	. 1.1.1 8	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelLstHrFEAddr	. 1.1.1 9	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

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
Src Meas Board  Calling Number/      Pkt      RT-Delay  Time
Reg Hour Loc   Called#/FE-Addr (ms) Dst   (ms) Peak  of Data
                (ms) Reg Codec          (ms) (ms) Call Call Encl 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
avCmMeasIpVoStatSumRtdelToday	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
avCmMeasIpVoStatSumRtdelToday	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*, 555-233-505. 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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.4	R	Integer32 (1..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayMeasHour	.1.1.5	R	Integer32 (1..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumRtdelTodayBoardLoc	. 1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayCallingNum	. 1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayCalledNum	. 1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayDstReg	. 1.1.10	R	Integer32 (0..9999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayDstReg	. 1.1.11	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayCodec	. 1.1.12	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayAvg	. 1.1.13	R	Integer32 (0..9999)	RT-Delay Avg	An object containing the average two-way packet delay in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
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	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayTimeCall	.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..
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayDataCallr	.1.1.16	R	SnmpAdminString (SIZE (0..2))	Data Call	An object containing the indication of a data call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayEncryp	.1.1.17	R	SnmpAdminString (SIZE (0..2))	Encryp	An object containing the status of encryption during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayEC	.1.1.18	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelTodayFEAddr	.1.1.19	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

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

Src Meas Board   Calling Number/   Pkt      RT-Delay   Time
Reg Hour Loc     Called#/FE-Addr  Size Dst   (ms) Peak   of Data
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
```

MIB Groups

```
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
avCmMeasIpVoStatSumRtdelYest	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*, 555-233-505. 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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.4	R	Integer32 (1..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestMeasHour	.1.1.5	R	Integer32 (1..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestDstReg	.1.1.10	R	Integer32 (0..9999)	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestDstReg	.1.1.11	R	Integer32 (0..9999)	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestCodec	.1.1.12	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestAvg	.1.1.13	R	Integer32 (0..9999)	RT-Delay Avg	An object containing the average two-way packet delay in milliseconds.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestPeak	.1.1.14	R	Integer32 (0..999)	RT-Delay Peak	An object containing the peak two-way packet delay during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
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	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					exceeded. The timestamp is displayed in the MMSS (minutes seconds) format..
avCmMeasIpVoStatSumRtdelYestDataCallr	.1.1.1.6	R	SnmpAdminString (SIZE (0..2))	Data Call	An object containing the indication of a data call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestEncryp	.1.1.1.7	R	SnmpAdminString (SIZE (0..2))	Encryp	An object containing the status of encryption during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestEC	.1.1.1.8	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					
avCmMeasIpVoStatSumRtdelYestFEAddr	.1.1.1.9	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY RTDELAY REPORT					

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
Src Meas Board  Calling Number/      Pkt      RT-Delay  Time
Reg Hour Loc    Called#/FE-Addr  Size Dst   (ms) Peak  of Data
                (ms) Reg Codec  Avg Peak  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
avCmMeasIpVoStatSumLstHr	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*, 555-233-505 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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	OID	R/W	Type	Field Name	Description
Form/Report name					
					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	OID	R/W	Type	Field Name	Description
avCmMeasIpVoStatSumDataLstHrCalledNum	. 1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrDstReg	. 1.1.1 0	R	SnmpAdminString (SIZE (0..9999))	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrCodec	. 1.1.1 1	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrDataType	. 1.1.1 2	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)
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrPktSize	. 1.1.1 3	R	SnmpAdminString (SIZE (0..999))	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstLossPerc	. 1.1.1 4	R	SnmpAdminString (SIZE (0..4))	Loss %	An object containing the packet loss during a call. The packet loss is calculated at 10-second intervals.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstHrPeakJitter	. 1.1.1 5	R	SnmpAdminString (SIZE (0..9999))	Peak Jit	An object containing the peak jitter during a call in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					

Table continues...


```

:
:
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
avCmMeasIpVoStatSumDataYest	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
avCmMeasIpVoStatSumDataToday	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*, 555-233-505. 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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumDataTodayTable	.1	n/a	SEQUENCE OF avCmMeasIpVoStatSumDataTodayEntry	n/a	An object containing the avCmMeasIpVoStatSumDataToday entries.
avCmMeasIpVoStatSumDataTodayEntry	.1.1	n/a	avCmMeasIpVoStatSumDataTodayEntry	n/a	An object containing the avCmMeasIpVoStatSumDataToday entry with the information that the switch sent..
avCmMeasIpVoStatSumDataTodayRegIdx	.1.1.1	n/a	Integer32 (1..2000)	n/a	An index in the network region.
avCmMeasIpVoStatSumDataTodayHourIdx	.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	.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	.1.1.4	R	Integer32 (1..2000)	List Command: Region	An object containing the network region.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayMeasHour	.1.1.5	R	Integer32 (1..2300)	Measurement Hour	An object that containing the measurement hour.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayRunTime	.1.1.6	R	SnmpAdminString (SIZE (0..28))	Date	An object containing the date

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayBoardLoc	.1.1.7	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the board location.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayCallingNum	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Calling Number	An object containing the calling number.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayDstReg	.1.1.10	R	SnmpAdminString (SIZE (0..9999))	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayCodec	.1.1.11	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayDataType	.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)
IP VOICE STATISTICS SUMMARY DATA REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumDataTodayPktSize	. 1.1.1 3	R	SnmpAdminString (SIZE (0..999))	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataLstLossPerc	. 1.1.1 4	R	SnmpAdminString (SIZE (0..4))	Loss %	An object containing the packet loss during a call. The packet loss is calculated at 10-second intervals.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayPeakJitter	. 1.1.1 5	R	SnmpAdminString (SIZE (0..9999))	Peak Jit	An object containing the peak jitter during a call in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayPeakDly	. 1.1.1 6	R	SnmpAdminString (SIZE (0..9999))	Dly	An object containing the peak two-way packet delay during a call in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayEC	. 1.1.1 7	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataTodayFEAddr	. 1.1.1 8	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY DATA REPORT					

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
Src Meas  Board  Calling Number/  Dst      Data      Packet      Peak
Reg Hour  Loc   Called#/FE IPAdr  Reg  Codec  Type      Size      Loss      Jit  Dly  EC
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
avCmMeasIpVoStatSumDataYest	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
avCmMeasIpVoStatSum DataYest	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*, 555-233-505 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	OID	R/W	Type	Field Name	Description
avCmMeasIpVoStatSu mDataYestTable	.1	n/a	SEQUENCE OF AvCmMeasIpVoStat SumDataYestEntry	n/a	An object containing the avCmMeasIpVoStat SumDataYest entries.
avCmMeasIpVoStatSu mDataYestEntry	.1.1	n/a	AvCmMeasIpVoStat SumDataYestEntry	n/a	An object containing the avCmMeasIpVoStat SumDataYest entry

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					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	OID	R/W	Type	Field Name	Description
avCmMeasIpVoStatSummaryDataYestCalledNum	.1.1.9	R	SnmpAdminString (SIZE (0..17))	Called Number	An object containing the called number.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSummaryDataYestDstReg	.1.1.10	R	SnmpAdminString (SIZE (0..9999))	Dst Reg	An object containing the destination region.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSummaryDataYestCodec	.1.1.11	R	SnmpAdminString (SIZE (0..58))	Codec	An object containing the codec used for the call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSummaryDataYestDataType	.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)
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSummaryDataYestPktSize	.1.1.13	R	SnmpAdminString (SIZE (0..999))	Pkt Size	An object containing the packet size of each data stream in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSummaryDataLstLossPerc	.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.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSummaryDataYestPeakJitter	.1.1.15	R	SnmpAdminString (SIZE (0..9999))	Peak Jit	An object containing the peak jitter during a call in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasIpVoStatSumDataYestPeakDly	.1.1.16	R	SnmpAdminString (SIZE (0..9999))	Dly	An object containing the peak two-way packet delay during a call in milliseconds.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestEC	.1.1.17	R	SnmpAdminString (SIZE (0..2))	EC	An object containing the status of echo cancellation during a call.
IP VOICE STATISTICS SUMMARY DATA REPORT					
avCmMeasIpVoStatSumDataYestFEAddr	.1.1.18	R	SnmpAdminString (SIZE (0..41))	FE-Addr	An object containing the far-end IP address.
IP VOICE STATISTICS SUMMARY DATA REPORT					

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
Src Meas  Board  Calling Number/  Dst      Data      Packet      Peak
Reg Hour  Loc   Called#/FE IPAdr  Reg  Codec  Type      Size      Loss      Jit  Dly  EC
          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	<code>list measurements announcement all last-hour</code>	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	OID	R/W	Type	Field Name	Description
avCmMeasAnnAllLstHr Table	.1	n/a	SEQUENCE OF avCmMeasAnnAllLs tHrEntry	n/a	An object containing the avCmMeasAnnAllLs tHr entries.
avCmMeasAnnAllLstHr Entry	.1.1	n/a	avCmMeasAnnAllLs tHrEntry	n/a	An object containing the avCmMeasAnnAllLs tHrEntry with the information that the switch sent.
avCmMeasAnnAllLstHrI dx	. 1.1.1	n/a	Integer32 (0..17))	n/a	An object that uniquely identifies all data increments.
avCmMeasAnnAllLstHr Extension	. 1.1.2	n/a	Integer32 (0..17))	Extension	An index containing the announcement extension.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr RunDate	. 1.1.3	R	Integer32(0..28))	Date	An object containing the date when the command was executed.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr Name	. 1.1.4	R	Integer32(0..25))	Name	An object containing the announcement name.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr MeasHou	. 1.1.5	R	Integer32(0..9999))	Measurement Hour	An object that containing the measurement hour.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr PlayRequests	. 1.1.6	R	Integer32(0..9999))	Play Reqts	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr CallsQueued	. 1.1.7	R	Integer32 (0..9999))	Calls Que	An object containing the number of calls

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENTS MEASUREMENTS					in queue to be assigned a port.
avCmMeasAnnAllLstHr ASP	. 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.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr PSP	. 1.1.9	R	Integer32 (0..9999)	PSP	An object containing the peak speed to play an announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr QueueDrops	1.1.1 0	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.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr MportPlays	1.1.1 1	R	Integer32 (0..9999)	Mport Plays	An object containing the number of times an announcement is played simultaneously by multiple ports.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr MxPorts	1.1.1 2	R	Integer32(0..99)	Mx Pt	An object containing the peak numbers of ports used for announcements in a specific period.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllLstHr MaxCallers	1.1.1 3	R	Integer32 (0..999)	Max Cls	An object containing the peak number callers

Table continues...

Object 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
Ext      Name (first 24 chars)      Meas Hour  Play Reqts  Calls Que  ASP  PSP  Queue Drops  Mport Plays  Mx Max
                               Meas Hour  Reqts  Que  ASP  PSP  Drops Plays  Pt Cls
88040    ann88040                    1300 0      0      0      0      0      0      0      0      0
88041    ann88041                    1300 0      0      0      0      0      0      0      0      0
88010    ann88010                    1300 0      0      0      0      0      0      0      0      0
88011    ann88011                    1300 0      0      0      0      0      0      0      0      0
88012    ann88012                    1300 0      0      0      0      0      0      0      0      0
88013    ann88013                    1300 0      0      0      0      0      0      0      0      0
88014    ann88014                    1300 0      0      0      0      0      0      0      0      0
88015    ann88015                    1300 0      0      0      0      0      0      0      0      0
88016    ann88016                    1300 0      0      0      0      0      0      0      0      0
88017    ann88017                    1300 0      0      0      0      0      0      0      0      0
88018    ann88018                    1300 0      0      0      0      0      0      0      0      0
88019    ann88019                    1300 0      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	<code>list measurements announcement all yesterday-peak</code>	VOICE ANNOUNCEMENTS MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505. 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
avCmMeasAnnAllToday Table	.1	n/a	SEQUENCE OF avCmMeasAnnAllTo dayEntry	n/a	An object containing the avCmMeasAnnAllTo day entries.
avCmMeasAnnAllToday Entry	.1.1	n/a	avCmMeasAnnAllTo dayEntry	n/a	An object containing the avCmMeasAnnAllTo dayentry 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	OID	R/W	Type	Field Name	Description
avCmMeasAnnAllToday Extension	. 1.1.2	n/a	Integer32 (0..17))	Extension	An index containing the announcement extension.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday RunDate	. 1.1.3	R	Integer32(0..28))	Date	An object containing the date when the command was executed.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday Name	. 1.1.4	R	Integer32(0..25))	Name	An object containing the announcement name.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday MeasHou	. 1.1.5	R	Integer32(0..9999))	Measurement Hour	An object that containing the measurement hour.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday PlayRequests	. 1.1.6	R	Integer32(0..9999))	Play Reqts	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday CallsQueued	. 1.1.7	R	Integer32 (0..9999))	Calls Que	An object containing the number of calls in queue to be assigned a port.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday ASP	. 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.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday PSP	. 1.1.9	R	Integer32 (0..9999))	PSP	An object containing the peak speed to play an announcement.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday QueueDrops	1.1.1 0	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.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday MportPlays	1.1.1 1	R	Integer32 (0..9999)	Mport Plays	An object containing the number of times an announcement is played simultaneously by multiple ports.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday MxPorts	1.1.1 2	R	Integer32(0..99)	Mx Pt	An object containing the peak numbers of ports used for announcements in a specific period.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllToday MaxCallers	1.1.1 3	R	Integer32 (0..999)	Max CIs	An object containing the peak number callers simultaneously connected to a port for an announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					

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											
Ext	Name (first 24 chars)	Meas Hour	Play Reqts	Calls Que	ASP	PSP	Queue Drops	Mport Plays	Mx Pt	Max 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	<code>list measurements announcement all yesterday-peak</code>	VOICE ANNOUNCEMENTS MEASUREMENTS

Reference Document

A detailed description of the command and form can be found in the *Avaya Aura® Communication Manager Reports*, 555-233-505. 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
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.
avCmMeasAnnAllYestIndex	.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	OID	R/W	Type	Field Name	Description
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYestName	.1.1.4	R	SnmpAdminString (SIZE (0..25))	Name	An object containing the announcement name.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYestMeasHou	.1.1.5	R	Integer32 (0..9999)	Measurement Hour	An object that containing the measurement hour.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYestPlayRequests	.1.1.6	R	Integer32 (0..9999)	Play Reqts	An object containing the number of play requests for the announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYestCallsQueued	.1.1.7	R	Integer32 (0..9999)	Calls Que	An object containing the number of calls in queue to be assigned a port.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYestASP	.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.
VOICE ANNOUNCEMENTS MEASUREMENTS					
AvCmMeasAnnAllYestPSP	.1.1.9	R	Integer32 (0..9999)	PSP	An object containing the peak speed to play an announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYestQueueDrops	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
VOICE ANNOUNCEMENTS MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					aborted by VOA (VDN of origin Announcements) are included. Calls in the queue answered by an agent are not included.
avCmMeasAnnAllYest MportPlays	1.1.1 1	R	Integer32 (0..9999)	Mport Plays	An object containing the number of times an announcement is played simultaneously by multiple ports.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYest MxPorts	1.1.1 2	R	Integer32 (0..99)	Mx Pt	An object containing the peak numbers of ports used for announcements in a specific period.
VOICE ANNOUNCEMENTS MEASUREMENTS					
avCmMeasAnnAllYest MaxCallers	1.1.1 3	R	Integer32 (0..999)	Max Cls	An object containing the peak number callers simultaneously connected to a port for an announcement.
VOICE ANNOUNCEMENTS MEASUREMENTS					

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

Ext	Name (first 24 chars)	Meas Hour	Play Reqts	Calls Que	ASP	PSP	Queue Drops	Mport Plays	Mx Pt	Max 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	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	.1.1.2	R	SnmpAdminString (SIZE (0..99999))	Date	An object containing the date when the command was run.
avCmPlatCmdsRunTime	.1.1.3	R	SnmpAdminString (SIZE (0..9))	Time	An object containing the time when the command was run.
avCmPlatCmdsSeqNumber	.1.1.4	R	SnmpAdminString (SIZE (0..10))	Sequence Number	An object containing the sequence number of the command.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmPlatCmdsPriority	. 1.1.5	R	SnmpAdminString (SIZE (0..99999))	Priority	An object containing the priority of the command.
Command History					
avCmPlatCmdsServerName	. 1.1.6	R	SnmpAdminString (SIZE (0..26))	Server Name	An object containing the server name where the command was run.
Command History					
avCmPlatCmdsLoginId	. 1.1.7	R	SnmpAdminString (SIZE (0..26))	Login Id	An object containing the login ID of the user who ran the command.
Command History					
avCmPlatCmdsCommand	. 1.1.8	R	SnmpAdminString (SIZE (0..201))	Command	An object containing the command that was run.
Command History					

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
```

MIB Groups

```
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
avCmPlatCmdsCommand.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*, 555-233-505 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					
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	.1.1.2	R	SnmpAdminString (SIZE (0..9999))	List Command: Grp No	An object that uniquely identifies each signaling group.
SIGNALING GROUPS					
avCmListSigGrpType	.1.1.3	R	SnmpAdminString (SIZE (0..14))	List Command: Group Type	An object containing the signaling group type.
SIGNALING GROUPS					
avCmListSigGrpFAS	.1.1.4	R	SnmpAdminString (SIZE (0..2))	List command: FAS	An object containing the status of FAS for the signaling group.
SIGNALING GROUPS					
avCmListSigGrpTrkBrd s	.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	OID	R/W	Type	Field Name	Description
Form/Report name					
SIGNALING GROUPS					signaling group uses.
avCmListSigGrpPriDChannel	.1.1.6	R	SnmpAdminString (SIZE (0..11))	List command: Pri D-Ch	An object containing the primary D Channel of the signaling group.
SIGNALING GROUPS					
avCmListSigGrpSecDChannel	.1.1.7	R	SnmpAdminString (SIZE (0..11))	List command Sec D-Ch	An object containing the primary D Channel of the signaling group.
SIGNALING GROUPS					
avCmListSigGrpMaxNCATSC	.1.1.8	R	SnmpAdminString (SIZE (0..999))	List command: Max NCA TSC	An object containing the maximum NCA TSC for the signaling group.
SIGNALING GROUPS					
avCmListSigGrpMaxCA TSC	.1.1.9	R	SnmpAdminString (SIZE (0..999))	List command: Max CA TSC	An object containing the maximum CA TSC for the signalling group.
SIGNALING GROUPS					
avCmListSigGrpMaxNCATSCs	.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.
SIGNALING GROUPS					
avCmListSigGrpNearNode	.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.
SIGNALING GROUPS					
avCmListSigGrpFarNode	.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.
SIGNALING GROUPS					

Sample output of forms

```
list signaling-group
```

SIGNALING GROUPS											
Grp No.	Group Type	FAS?	Trunk Brds	Pri D-Ch/ Near-node	Sec D-Ch/ Far-node	Max NCA	TSC	Max CA	TSC	No. NCA	Adm'd TSCs
1	isdn-pri	y	1	01A1324		0		0		0	
3	sip	y	1	procr	vit-sys1-sm2	0		0		0	
4	sip	y	1	clan-1a02	vit-sys1-sm2	0		0		0	
11	h.323	y	1	clan-1a02	cm1-procr	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/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
avCmListSigGrpNoAdmNCATSCs.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	<code>list signaling-group</code>	SIGNALING GROUPS
	SAT	<code>status signaling-group</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusSigGrpTable	.1	n/a	SEQUENCE OF AvCmStatusSigGrp Entry	n/a	An object containing the avCmStatusSigGrp entries.
avCmStatusSigGrpEntry	.1.1	n/a	AvCmStatusSigGrp Entry	n/a	An object containing the avCmStatusSigGrp entry with the information that the switch sent.
avCmStatusSigGrpIdx	.1.1.1	n/a	Integer32 (0..2000)	n/a	An object that uniquely identifies each SigGrp group.
avCmStatusSigGrpGrpNumber	.1.1.2	R	Integer32 (0..9999)	Status command: Group State	An object that uniquely identifies each signaling group.
SIGNALING GROUPS					
SIGNALING GROUPS	.1.1.3	R	SnmpAdminString (SIZE (0..14))	Status command: Group State	An object containing the signaling group type.
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	<code>list hunt-group</code>	HUNT GROUPS

Reference Document

A detailed description of the command and form can be found in document referenced by *Administering Avaya Aura® Communication Manager*, 03-300509. 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					
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 avCmListHuntGrpen try with the information that the switch sent.

Table continues...

Object 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	.1.1.2	R	Integer32 (0..9999)	Grp No	An object that uniquely identifies each hunt group.
HUNT GROUPS					
avCmListHuntGrpRunDate	.1.1.3	R	Integer32 (0..28)	Grp Name	An object containing the hunt group name.
HUNT GROUPS					
avCmListHuntGrpGrpName	.1.1.4	R	Integer32 (0..17)	Ext	An object containing the extension of the hunt group.
HUNT GROUPS					
avCmListHuntGrpGroupSize	.1.1.5	R	Integer32 (0..8)	Grp Type	An object containing the extension of the hunt group.
HUNT GROUPS					
avCmListHuntGrpMeasureHour	.1.1.6	R	Integer32 (0..4)	ACD/MEAS	An object containing the indication whether the hunt group is ACD and measured.
HUNT GROUPS					
avCmListHuntGrpTotalUsage	.1.1.7	R	Integer32 (0..2)	Vec	An object containing the indication whether the hunt group is a vector.
HUNT GROUPS					
avCmListHuntGrpCallsAns	.1.1.8	R	Integer32 (0..5)	MCH	An object containing the indication whether the hunt group is Multiple Call Handling.
HUNT GROUPS					
avCmListHuntGrpGrpQueue	.1.1.9	R	Integer32 (0..2)	Que	An object containing the indication whether the hunt group has a queue.
HUNT GROUPS					
avCmListHuntGrpCallsQueue	.1.1.10	R	Integer32 (0..9999)	No Mem	An object containing the number of group members.
HUNT GROUPS					
avCmListHuntGrpQueueOverflow	.1.1.11	R	SnmpAdminString (SIZE (0..5))	Cov Pathl	An object containing the indication whether the hunt group has a coverage path.
HUNT GROUPS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmListHuntGrpTime Avail	. 1.1.1 2	R	SnmpAdminString (SIZE (0..5))	Cov Pathl	An object containing the indication whether the hunt group has NotifCtgAdj.
HUNT GROUPS					
avCmListHuntGrpSpeedAns	. 1.1.1 3	R	SnmpAdminString (SIZE (0..3))	Dom Ctrl	An object containing the indication whether the hunt group has Domain Control.
HUNT GROUPS					
avCmListHuntGrpTyp	. 1.1.1 4	R	SnmpAdminString (SIZE (0..2))	Message Center	An object containing the indication whether the hunt group has Message Center.
HUNT GROUPS					
avCmListHuntGrpAban	. 1.1.1 5	R	SnmpAdminString (SIZE (0..8))	Message Center Name	An object containing the name of Message Center.
HUNT GROUPS					

Sample output of forms

```
list hunt-group Page 1
HUNT GROUPS
Grp  Grp      Grp  ACD/  No.  Cov  Notif/  Dom  Message
No.  Name/    Type MEAS Vec MCH  Que Mem Path Ctg Adj Ctrl  Center
1    test    ucd-mia n/-  n  none n  3    n    n
   10000
2    test 2    ucd-mia n/-  n  none n  2    n    n
   10001
3    test 3    ucd-mia n/-  n  none n  2    n    n
   10003
4    test 4    ucd-mia y/N  n  none n  0    n    n
   10004
5    test 5    ucd-mia n/-  n  none y  5    n    n
   10005
6    123456789012345678901234567 ucd-mia n/-  n  none n  2    n    n
   10006
7    test 7    ucd-mia n/-  n  none n  3    n    n
   10007
press CANCEL to quit -- press NEXT PAGE to continue
F1=Cancel F2=Refresh F3=Submit F4=Clr F1d 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
avCmListHuntGrpGrpAcidMeas.1 = STRING: n/-
avCmListHuntGrpGrpAcidMeas.2 = STRING: n/-
:
:
avCmListHuntGrpGrpAcidMeas.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*, 03-300509. 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					
avCmMeasHuntGrpLstHrTable	.1	n/a	SEQUENCE OF AvCmStatusHuntGrpYestEntry	n/a	An object containing the avCmMeasHuntGrpLstHr entries.
avCmMeasHuntGrpLstHrEntry	.1.1	n/a	AvCmStatushuntGrpYestEntry	n/a	An object containing the avCmMeasHuntGrpLstHr entry with the information that the switch sent.
avCmMeasHuntGrpLstHrHuntGrpIdx	.1.1.1	n/a	Integer32 (0..9999)	n/a	An object that uniquely identifies each increment of data.
avCmMeasHuntGrpLstHrHuntGrpNo	.1.1.2	R	Integer32 (0..9999)	Hunt Group	An object containing the hunt group number.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrRunDate	.1.1.3	R	Integer32 (0..28)	Date	An object containing the date when the command was run.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrGrpName	.1.1.4	R	Integer32 (0..28)	Grp Name	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrGroupSiz	.1.1.5	R	Integer32 (0..999)	Grp Siz	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrMeasHour	.1.1.6	R	Integer32 (0..9999)	Meas Hour	An object containing the measurement hour.
HUNT GROUP MEASUREMENTS					
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	OID	R/W	Type	Field Name	Description
Form/Report name					
HUNT GROUP MEASUREMENTS					busy processing calls.
avCmMeasHuntGrpLst HrCallsAns	. 1.1.8	R	Integer32 (0..999999)	Calls Ans	An object containing the number of calls answered.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrGrpQue	. 1.1.9	R	Integer32 (0..2)	Que	An object containing the indication whether the hunt group has a queue.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrCallsQue	. 1.1.1 0	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.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrQueOvfl	. 1.1.1 1	R	Integer32 (0..99999)	Que Ovfl	An object containing the number of calls received when all hunt group queues are fully occupied.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrTimeAvail	. 1.1.1 2	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.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrSpeedAns	. 1.1.1 3	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
HUNT GROUP MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					forced first announcement is not included.
avCmMeasHuntGrpLstHrTyp	.1.1.1.4	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.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrAban	.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.
HUNT GROUP MEASUREMENTS					

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
1    test      3    200  0      0      n  0    0    108  0
      ucd
2    test 2     2    200  0      0      n  0    0    72  0
      ucd
3    test 3     2    200  0      0      n  0    0    72  0
      ucd
4    test 4     0    200  0      0      n  0    0    0   0
      ucd
5    test 5     5    200  0      0      y  0    0    180 0
      ucd
6    123456789012345678901234567 2    200  0      0      n  0    0    72  0
      ucd

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.1.1 = INTEGER: 0
avCmMeasHuntGrpLstHrQueOvfl.1.2 = 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*, 03-300509. 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					
avCmMeasHuntGrpTodayTable	.1	n/a	SEQUENCE OF AvCmStatusHuntGrpYestEntry	n/a	An object containing the avCmMeasHuntGrp Today entries.
avCmMeasHuntGrpTodayEntry	.1.1	n/a	AvCmStatushuntGrpYestEntry	n/a	An object containing the avCmMeasHuntGrp Today 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	OID	R/W	Type	Field Name	Description
avCmMeasHuntGrpTodayHuntGrpNo	. 1.1.2	R	Integer32 (0..9999)	Hunt Group	An object containing the hunt group number.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayRunDate	. 1.1.3	R	Integer32 (0..28)	Date	An object containing the date when the command was run.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayGrpName	. 1.1.4	R	Integer32 (0..28)	Grp Name	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayGroupSiz	. 1.1.5	R	Integer32 (0..999)	Grp Siz	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayMeasHour	. 1.1.6	R	Integer32 (0..9999)	Meas Hour	An object containing the measurement hour.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayTotalUsage	. 1.1.7	R	Integer32 (0..99999)	Total Usage	An object containing the total amount of time hunt groups are busy processing calls.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayCallsAns	. 1.1.8	R	Integer32 (0..999999)	Calls Ans	An object containing the number of calls answered.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayGrpQue	. 1.1.9	R	Integer32 (0..2)	Que	An object containing the indication whether the hunt group has a queue.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayCallsQue	. 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.
HUNT GROUP MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasHuntGrpTodayQueOvfl	.1.1.1.1	R	Integer32 (0..99999)	Que Ovfl	An object containing the number of calls received when all hunt group queues are fully occupied.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayTimeAvail	.1.1.1.2	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.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodaySpeedAns	.1.1.1.3	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.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayTyp	.1.1.1.4	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.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpTodayAban	.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
HUNT GROUP MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					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
1    test      3    200  0      0      n  0    0    108  0
      ucd
2    test 2     2    200  0      0      n  0    0    72  0
      ucd
3    test 3     2    200  0      0      n  0    0    72  0
      ucd
4    test 4     0    200  0      0      n  0    0    0   0
      ucd
5    test 5     5    200  0      0      y  0    0    180 0
      ucd
6    123456789012345678901234567 2    200  0      0      n  0    0    72  0
      ucd

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
```

MIB Groups

```
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	<code>list measurements hunt-group yesterday</code>	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*, 03-300509. 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					
avCmMeasHuntGrpYestTable	.1	n/a	SEQUENCE OF AvCmStatusHuntGrpYestEntry	n/a	An object containing the avCmMeasHuntGrpYestentries.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasHuntGrpYestEntry	.1.1	n/a	AvCmStatshuntGrpYestEntry	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	.1.1.2	R	Integer32 (0..9999)	Hunt Group	An object containing the hunt group number.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrRunDate	.1.1.3	R	Integer32 (0..28)	Date	An object containing the date when the command was run.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrGrpName	.1.1.4	R	Integer32 (0..28)	Grp Name	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrGroupSiz	.1.1.5	R	Integer32 (0..999)	Grp Siz	An object containing the size of the hunt group.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrMeasHour	.1.1.6	R	Integer32 (0..9999)	Meas Hour	An object containing the measurement hour.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrTotalUsage	.1.1.7	R	Integer32 (0..99999)	Total Usage	An object containing the total amount of time hunt groups are busy processing calls.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrCallsAns	.1.1.8	R	Integer32 (0..999999)	Calls Ans	An object containing the number of calls answered.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLstHrGrpQue	.1.1.9	R	Integer32 (0..2)	Que	An object containing the indication

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
HUNT GROUP MEASUREMENTS					whether the hunt group has a queue.
avCmMeasHuntGrpLst HrCallsQue	. 1.1.1 0	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.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrQueOvfl	. 1.1.1 1	R	Integer32 (0..99999)	Que Ovfl	An object containing the number of calls received when all hunt group queues are fully occupied.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrTimeAvail	. 1.1.1 2	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.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrSpeedAns	. 1.1.1 3	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.
HUNT GROUP MEASUREMENTS					
avCmMeasHuntGrpLst HrTyp	. 1.1.1 4	R	Integer32 (0..4)	Typ	An object containing the type of hunt group - ddc: direct department calling, ucd: uniform call distribution, ead:
HUNT GROUP MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					expert agent distribution.
avCmMeasHuntGrpLst HrAban	. 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.
HUNT GROUP MEASUREMENTS					

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
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 F1d 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	<code>list ip-interface all</code>	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	OID	R/W	Type	Field Name	Description
avCmListIpInterfaceAllTable	.1	R	SEQUENCE OF AvCmMeasToneRecYestEntry	n/a	A list of the avCmListIpInterfaceAll entries
avCmListIpInterfaceAllEntry	.1.1	R	avCmListIpInterfaceAllEntry	n/a	A avCmListIpInterfaceAllEntry entry containing objects of the avCmListIpInterfaceAllEntry information sent by the switch.
avCmListIpInterfaceAllSlotIdx	.1.1.1	R	SnmpAdminString (SIZE (0..6))	n/a	An object that uniquely identifies each Increment of data.
avCmListIpInterfaceAllIndex	.1.1.2	R	Integer32 (0..9999)	n/a	An object that uniquely identifies each Increment of data.
avCmListIpInterfaceAllOn	.1.1.3	R	SnmpAdminString (SIZE (0..2))	ON	An object containing whether the ip-interface is enabled.
IP INTERFACES					
avCmListIpInterfaceAllType	.1.1.4	R	SnmpAdminString (SIZE (0..7))	Type	An object containing the type of ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllSlot	.1.1.5	R	SnmpAdminString (SIZE (0..6))	Slot	An object containing the slot where the ip-interface resides.
IP INTERFACES					
avCmListIpInterfaceAllCode	.1.1.6	R	SnmpAdminString (SIZE (0..7))	Code/	An object containing the TN code of the board.
IP INTERFACES					
avCmListIpInterfaceAllSfx	.1.1.7	R	SnmpAdminString (SIZE (0..2))	Sfx	An object containing the suffix of the board.
IP INTERFACES					
avCmListIpInterfaceAllNodeName	.1.1.8	R	SnmpAdminString (SIZE (0..6))	Node Name	An object containing the Node Name used by the ip-interfeace..
IP INTERFACES					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmListIpInterfaceAllMask	. 1.1.1.9	R	SnmpAdminString (SIZE (0..4))	Mask	An object containing the mask of the ip-interface..
IP INTERFACES					
avCmListIpInterfaceAllNetRgn	. 1.1.1.10	R	SnmpAdminString (SIZE (0..9999))	Net Rgn	Field that displays network region used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllVlan	. 1.1.1.11	R	SnmpAdminString (SIZE (0..2))	VLAN	Field that displays the virtual lan used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllIpAddress	. 1.1.1.12	R	SnmpAdminString (SIZE (0..41))	IP Adress	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllGatewayNode	. 1.1.1.13	R	SnmpAdminString (SIZE (0..41))	Gateway Node	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllOn2	. 1.1.1.14	R	SnmpAdminString (SIZE (0..2))	ON	An object containing whether the duplicated ip-interface is enabled.
IP INTERFACES					
avCmListIpInterfaceAllType	. 1.1.1.15	R	SnmpAdminString (SIZE (0..2))	Type	An object containing the duplicated type of ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllSlot2	. 1.1.1.16	R	SnmpAdminString (SIZE (0..6))	Slot	An object containing the slot where the duplicated ip-interface resides.
IP INTERFACES					
avCmListIpInterfaceAllCode2	. 1.1.1.17	R	SnmpAdminString (SIZE (0..7))	Code/	An object containing the TN code of the duplicate board.
IP INTERFACES					
avCmListIpInterfaceAllSfx2	. 1.1.1.18	R	SnmpAdminString (SIZE (0..2))	Sfx	An object containing the TN code of the duplicate board.
IP INTERFACES					
avCmListIpInterfaceAllNodeName2	. 1.1.1.19	R	SnmpAdminString (SIZE (0..16))	Node Name	An object containing the Node Name used by the duplicated ip-intereface.
IP INTERFACES					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmListIpInterfaceAllMask2	.1.1.2.0	R	SnmpAdminString (SIZE (0..4))	Mask	An object containing the Node Name used by the duplicate ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllNetRgn2	.1.1.2.1	R	SnmpAdminString (SIZE (0..9999))	Net Rgn	Field that displays network region used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllVlan2	.1.1.2.2	R	SnmpAdminString (SIZE (0..2))	VLAN	Field that displays the virtual lan used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllIpAddress2	.1.1.2.3	R	SnmpAdminString (SIZE (0..41))	IP Address	The IP Address associated with the duplicate ip-interface.
IP INTERFACES					
avCmListIpInterfaceAllGatewayNode2	.1.1.2.4	R	SnmpAdminString (SIZE (0..41))	Gateway Node	The IP Address associated with the ip-interface.
IP INTERFACES					

Sample output of forms

```
list ip-interface all                                     Page 1
                                     IP INTERFACES

ON Type   Slot  Code/Sfx      Node Name/      Mask      Net
-----  -
y PROCR   -----  -----  procr          /23      1
10,129,136,20
n PROCR   -----  -----  procr6         /64      1
::
::
y C-LAN   01A02 TN799  D         clan-1a02      /23      2   n
10,129,136,51
y MEDPRO  01A14 TN2602  gateway       /23      2   n
xF-1a14
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	<code>list ip-interface medpro</code>	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	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	.1.1.4	R	SnmpAdminString (SIZE (0..7))	ON	An object containing the type of ip-interface.
IP INTERFACES					
avCmListIpInterfaceMedproSlot	.1.1.5	R	SnmpAdminString (SIZE (0..6))	Type	An object containing the slot where the ip-interface resides.
IP INTERFACES					
avCmListIpInterfaceMedproCode	.1.1.6	R	SnmpAdminString (SIZE (0..7))	Slot	An object containing the TN code of the board.
IP INTERFACES					
avCmListIpInterfaceMedproSfx	.1.1.7	R	SnmpAdminString (SIZE (0..2))	Code/	An object containing the suffix of the board.
IP INTERFACES					
avCmListIpInterfaceMedproNodeName	.1.1.8	R	SnmpAdminString (SIZE (0..4))	Node Name	An object containing the mask of the ip-interface.
IP INTERFACES					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmListIpInterfaceMe dproMask	. 1.1.9	R	Integer32 (0..9999)	Mask	Field that displays network region used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproNetRgn	. 1.1.1 0	R	SnmpAdminString (SIZE (0..5))	Net Rgn	Field that displays the virtual lan used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproVlan	. 1.1.1 1	R	SnmpAdminString (SIZE (0..41))	VLAN	The virtual node associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproVirtualNode	. 1.1.1 2	R	SnmpAdminString (SIZE (0..41))	Virtual Node	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproIpAddress	. 1.1.1 3	R	SnmpAdminString (SIZE (0..41))	IP Address	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproGatewayNode	. 1.1.1 4	R	SnmpAdminString (SIZE (0..41))	IP Address	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMe dproOn2	. 1.1.1 5	R	SnmpAdminString (SIZE (0..2))	ON	An object containing whether the duplicate ip- interface is enabled.
IP INTERFACES					
avCmListIpInterfaceMe dproType2	. 1.1.1 6	R	SnmpAdminString (SIZE (0..7))	Type	An object containing the type of the duplicate ip- interface.
IP INTERFACES					
avCmListIpInterfaceMe dproSlot2	. 1.1.1 7	R	SnmpAdminString (SIZE (0..6))	Slot	An object containing the slot where the duplicate ip- interface resides.
IP INTERFACES					
avCmListIpInterfaceMe dproCode2	. 1.1.1 8	R	SnmpAdminString (SIZE (0..7))	Code/	An object containing the TN code of the duplicate board.
IP INTERFACES					
avCmListIpInterfaceMe dproSfx2	. 1.1.1 9	R	SnmpAdminString (SIZE (0..2))	Sfx	An object containing the suffix of the duplicate board.
IP INTERFACES					
avCmListIpInterfaceMe dproNodeName2	. 1.1.2 0	R	SnmpAdminString (SIZE (0..16))	Node Name	An object containing the Node Name used by the
IP INTERFACES					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					duplicate ip-interfeace.
avCmListIpInterfaceMedproMask2	.1.1.2.1	R	SnmpAdminString (SIZE (0..4))	Mask	An object containing the mask of the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMedproNetRgn2	.1.1.2.2	R	Integer32 (0..9999)	Net Rgn	Field that displays network region used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMedproVlan2	.1.1.2.3	R	SnmpAdminString (SIZE (0..5))	VLAN	Field that displays the virtual lan used by the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMedproVirtualNode2	.1.1.2.4	R	SnmpAdminString (SIZE (0..41))	Virtual Node	The virtual node associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMedproIpAddress2	.1.1.2.5	R	SnmpAdminString (SIZE (0..41))	IP Address	The IP Address associated with the ip-interface.
IP INTERFACES					
avCmListIpInterfaceMedproGatewayNode2	.1.1.2.6	R	SnmpAdminString (SIZE (0..41))	IP Address	The IP Address associated with the ip-interface.
IP INTERFACES					

Sample output of forms

```
list ip-interface medpro
IP INTERFACES
DN Slot Code/Sfx Node Name/ IP-Address Mask Gateway Node Net Rgn VLAN Virtual Node
-----
y 01A14 TN2602 xf-1a14 10.129.136.52 /23 gateway 2 n
y 01A06 TN2602 xf-1a06 10.129.136.53 /23 gateway 1 n
y 01A03 TN2302 pr-1a03 10.129.136.54 /23 gateway 3 n
y 01A04 TN2302 pr-1a04 10.129.136.55 /23 gateway 4 n
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	<code>status medpro board</code>	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	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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedproBrd BoardLoc	. 1.1.2	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing whether the ip-interface is located.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd State	. 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').
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd NodeName	. 1.1.4	R	SnmpAdminString (SIZE (0..16))	Node Name	A DisplayString Object that contains the node name for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd pAddress	. 1.1.5	R	SnmpAdminString (SIZE (0..20))	IP Address	A DisplayString Object that contains the IPV4 address for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd SubnetMask	. 1.1.6	R	SnmpAdminString (SIZE (0..16))	Subnet Mask	Object that contains the IPV4 subnet mask for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd GatewayAddr	. 1.1.7	R	SnmpAdminString (SIZE (0..17))	Gateway Adress	An object containing the Gateway Address of the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd	. 1.1.8	R	SnmpAdminString (SIZE (0..19))	MAC Adress	Field that displays the MAC Address used by the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd EtherEnabled	. 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.
MEDIA-PROCESSOR STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmStatusMedproBrd DSPChanStatus1	. 1.1.1 0	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).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DSPChanStatus2	. 1.1.1 1	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).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DSPChanStatus3	. 1.1.1 2	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).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DSPChanStatus4	. 1.1.1 3	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).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupDSPChanStatus5	. 1.1.1 4	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).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupDSPChanStatus6	. 1.1.1 5	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).
MEDIA-PROCESSOR STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmStatusMedproBrd DupDSPChanStatus7	. 1.1.1 6	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).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupDSPChanStatus8	. 1.1.1 7	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).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd NetworkRegion	. 1.1.1 8	R	SnmpAdminString (SIZE (0..5))	Network Region	A DisplayString Object that contains the network region for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupNetworkRegion	. 1.1.1 9	R	SnmpAdminString (SIZE (0..5))	Duplicate Network Region	A DisplayString Object that contains the alternate network region number for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd StandbyRefreshed	. 1.1.2 0	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).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd SharedIP	. 1.1.2 1	R	SnmpAdminString (SIZE (0..17))	Shared IP Address	Object that contains the shared virtual IP address between two duplicated media processor boards.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd SharedVirtMAC	. 1.1.2 2	R	SnmpAdminString (SIZE (0..19))	Type	Object that contains the shared virtual MAC address between two
MEDIA-PROCESSOR STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					duplicated media processor boards.
avCmStatusMedproBrd DupBoardLoc	. 1.1.2	R	SnmpAdminString (SIZE (0..6))	Board Loc	An object containing the location where the duplicate media processor resides.
MEDIA-PROCESSOR STATUS	3				
avCmStatusMedproBrd DupState	. 1.1.2	R	SnmpAdminString (SIZE (0..8))	State	DisplayString Object that contains state of the duplicate media processor board (values can be 'active', 'standby' or 'init').
MEDIA-PROCESSOR STATUS	4				
avCmStatusMedproBrd DupNodeName	. 1.1.2	R	SnmpAdminString (SIZE (0..16))	Node Name	Object that contains the node name for the duplicate media processor board.
MEDIA-PROCESSOR STATUS	5				
avCmStatusMedproBrd DupIpAddress	. 1.1.2	R	SnmpAdminString (SIZE (0..20))	IP Address	A DisplayString Object that contains the IPV4 address for the duplicated media processor board.
MEDIA-PROCESSOR STATUS	6				
avCmStatusMedproBrd DupSubnetMask	. 1.1.2	R	SnmpAdminString (SIZE (0..16))	Subnet Mask	Object that contains the IPV4 subnet mask for the duplicated media processor board.
MEDIA-PROCESSOR STATUS	7				
avCmStatusMedproBrd DupGatewayAddr	. 1.1.2	R	SnmpAdminString (SIZE (0..17))	Gateway Address	An object containing the Gateway Address of the duplicated media processor board.
MEDIA-PROCESSOR STATUS	8				
avCmStatusMedproBrd DupMACAddress	. 1.1.2	R	SnmpAdminString (SIZE (0..19))	MAC Address	Field that displays the MAC Address used by the duplicated media processor board.
MEDIA-PROCESSOR STATUS	9				
avCmStatusMedproBrd DupEtherEnabled	. 1.1.3	R	SnmpAdminString (SIZE (0..4))	Ethernet Enabled	A DisplayString Object that designates whether or not the IP interface is enabled
MEDIA-PROCESSOR STATUS	0				

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					(yes or no) for the duplicatedmedia processor board.
avCmStatusMedproBrd LinkMPCL	. 1.1.3	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.
MEDIA-PROCESSOR STATUS	1				
avCmStatusMedproBrd LinkEth	. 1.1.3	R	SnmpAdminString (SIZE (0..3))	Link ETH	Object that indicates the status of the Ethernet Link ('up' or 'dn') for the media processor board.
MEDIA-PROCESSOR STATUS	2				
avCmStatusMedproBrd LinkPeer	. 1.1.3	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.
MEDIA-PROCESSOR STATUS	3				
avCmStatusMedproBrd AlarmMaj	. 1.1.3	R	SnmpAdminString (SIZE (0..3))	Alarms MAJ	Object that indicates the number of major alarms active on the media processor board.
MEDIA-PROCESSOR STATUS	4				
avCmStatusMedproBrd AlarmMin	. 1.1.3	R	SnmpAdminString (SIZE (0..3))	Alarms MIN	Object that indicates the number of minor alarms active on the media processor board.
MEDIA-PROCESSOR STATUS	5				
avCmStatusMedproBrd AlarmWrn	. 1.1.3	R	SnmpAdminString (SIZE (0..3))	Alarms WRN	Object that indicates the number of warning active on the media processor board.
MEDIA-PROCESSOR STATUS	6				
avCmStatusMedproBrd DupLinkMPCL	. 1.1.3	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.
MEDIA-PROCESSOR STATUS	7				

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmStatusMedproBrd DupLinkEth	. 1.1.3 8	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.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupLinkPeer	. 1.1.3 9	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.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupAlarmMaj	. 1.1.4 0	R	SnmpAdminString (SIZE (0..3))	Dup Alarm MAJ	Object that indicates the number of major alarms active on the duplicate media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupAlarmMin	. 1.1.4 1	R	SnmpAdminString (SIZE (0..3))	Dup Alarm MIN	Object that indicates the number of major alarms active on the duplicate media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd DupAlarmWrn	. 1.1.4 2	R	SnmpAdminString (SIZE (0..3))	Alarm WRN	Object that indicates the number of major alarms active on the duplicate media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd Locked	. 1.1.4 3	R	SnmpAdminString (SIZE (0..4))	Locked	Object that indicates whether the set medpro override and lock command argument is in use (yes or no).
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd PV6Address	. 1.1.4 4	R	SnmpAdminString (SIZE (0..45))	IPV6 Address	Object that contains the source IPV6 address for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrd PV6SubnetMask	. 1.1.4 5	R	SnmpAdminString (SIZE (0..4))	IPV6 Subnet Mask	Object that contains the IPV6 subnet mask for the media processor board.
MEDIA-PROCESSOR STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmStatusMedproBrdl PV6GatewayAddr	. 1.1.4 6	R	SnmpAdminString (SIZE (0..41))	IPV6 Gateway Address	Object that contains the IPV6 gateway address for the media processor board.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrdl PV6NodeName	. 1.1.4 7	R	SnmpAdminString (SIZE (0..16))	IPV6 Node Name	The IPV6 Node Name associated with the ip-interface.
MEDIA-PROCESSOR STATUS					
avCmStatusMedproBrdl PV6EtherEnable	. 1.1.4 8	R	SnmpAdminString (SIZE (0..4))	IPV6 Ethernet Enabled	The IPV6 Ethernet Enabled associated with the media processor.
MEDIA-PROCESSOR STATUS					

Sample output of forms

```

status media-processor board 01a03
                                MEDIA-PROCESSOR STATUS

Board Loc   Code      Vintage      MAC Address
01A03      TN2302AP   HW20 FW122   00:04:0d:6e:95:c5

                                IPV4 PARAMETERS
Ethernet Enabled? yes           Node Name: pr-1a03
IP Address/Mask: 10.129.136.54/23  Gateway Address: 10.129.136.1

Link Status: connected         Network Region: 3

                                Alarms
                                MAJ MIN WRN
                                0 0 0

                                DSP Channel Status
DSP 1: in-service/active, 16 calls
DSP 3: in-service/active, 16 calls
DSP 5: in-service/active, 16 calls
DSP 7: in-service/active, 14 calls

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 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
avCmStatusMedproBrdIpAddress."01A03" = STRING: 10.129.136.54/23
avCmStatusMedproBrdIpAddress."01A04" = STRING: 10.129.136.55/23
avCmStatusMedproBrdIpAddress."01A06" = STRING: 10.129.136.53/23
avCmStatusMedproBrdIpAddress."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:
avCmStatusMedproBrdDupIpAddress."01A03" = STRING:
avCmStatusMedproBrdDupIpAddress."01A04" = STRING:
avCmStatusMedproBrdDupIpAddress."01A06" = STRING:
avCmStatusMedproBrdDupIpAddress."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	<code>list ipserver-interface</code>	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*, 03-300509. 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					
avCmListIpServerIntfTable	.1	n/a	AvCmListIpServerIntfEntry	n/a	A list of the avCmListIpServerIntf entries

Table continues...

Object 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	.1.1.2	R	Integer32 (0..999)	PortNtwkNum	An object containing the port network associated with the ipserver-interface.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfPriBdLoc	.1.1.3	R	SnmpAdminString (SIZE (0..6))	Pri Bd Loc	An object containing the location of the primary IP SERVER INTFC board.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfPrimaryIPAddress	.1.1.4	R	SnmpAdminString (SIZE (0..16))	Primary IP Address	An object containing the Primary IP Address.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfPrimaryHostName	.1.1.5	R	SnmpAdminString (SIZE (0..17))	Primary Host Name	An object containing the primary host name.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfPrimaryDHCPIP	.1.1.6	R	SnmpAdminString (SIZE (0..10))	Primary DHCP ID	An object containing the DHCP ID.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfServState	.1.1.7	R	SnmpAdminString (SIZE (0..4))	Serv State	An object containing the Service State of the IP SERVER INTERFACE.
IP SERVER INTERFACE INFORMATION					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIpServerIntfControlState	.1.1.8	R	SnmpAdminString (SIZE (0..8))	Control State	An object containing the Control State of the IP SERVER INTERFACE.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfStateOfHealthCPEG	.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
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryBdLoc	.1.1.10	R	SnmpAdminString (SIZE (0..6))	Sec Bd Loc	Field that displays the secondary board location.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryIPAddress	.1.1.11	R	SnmpAdminString (SIZE (0..16))	Secondary IP Address	Field that contains the secondary IP Adress.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryHostName	.1.1.12	R	SnmpAdminString (SIZE (0..17))	Secondary Host Name	The Secondary Host Name of the IP SERVER INTERFACE.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryDHCPID	.1.1.13	R	SnmpAdminString (SIZE (0..10))	Secondary DHCP ID	The Secondary DHCP ID of the IP server interface.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryServState	.1.1.14	R	SnmpAdminString (SIZE (0..4))	Secondary Serv State	An object containing the service state of the secondary ipserver interface.
IP SERVER INTERFACE INFORMATION					
avCmListIpServerIntfSecondaryControlState	.1.1.15	R	SnmpAdminString (SIZE (0..8))	Secondary Control State	An object containing the control state of the secondary ipserver interface.
IP SERVER INTERFACE INFORMATION					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIpServerIntfSecondaryStateOfHealth	.1.1.16	R	SnmpAdminString (SIZE (0..8))	Secondary State Of Health C P E G	An object containing the Secondary State of health.
IP SERVER INTERFACE INFORMATION					

Sample output of forms

```
list ipserver-interface

                               IP SERVER INTERFACE INFORMATION

Port Pri/   Primary/   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
avCmListIpServerIntfPrimaryDHCPIP.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:
avCmListIpServerIntfSecondaryDHCPIP.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	<code>status link 1-254</code> 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	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.
avCmStatusLinkId	.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	.1.1.5	R	SnmpAdminString (SIZE (0..29))	Link Name	An object containing the Link Name.
avCmStatusLinkServicePortLoc	.1.1.6	R	SnmpAdminString (SIZE (0..17))	Service Port Location	An object containing the Service Port Location.
avCmStatusLinkDataExt	.1.1.7	R	SnmpAdminString (SIZE (0..17))	Service Port Data Extension	An object containing the Service Port Data Extension.
avCmStatusLinkServiceState	.1.1.8	R	SnmpAdminString (SIZE (0..17))	Service State	An object containing the Service State of the link.
avCmStatusLinkNodeName	.1.1.9	R	SnmpAdminString (SIZE (0..16))	Node Name	An object containing the Node Name associated with the link.
avCmStatusLinkSourceIpAddress	.1.1.10	R	SnmpAdminString (SIZE (0..45))	Source IP Address	An object containing the Source IP Address.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmStatusLinkBroadcastAddress	.1.1.1.1	R	SnmpAdminString (SIZE (0..41))	Broadcast Address	Field that displays the Broadcast Address.
LINK/PORT STATUS					
avCmStatusLinkPhysicalAddress	.1.1.1.2	R	SnmpAdminString (SIZE (0..18))	Physical Address	Field that contains the Physical Address.
LINK/PORT STATUS					
avCmStatusLinkEthEnabled	.1.1.1.3	R	SnmpAdminString (SIZE (0..4))	Enabled	An object containing whether the link is ethernet enabled.
LINK/PORT STATUS					
avCmStatusLinkEthMaintenanceBusy	.1.1.1.4	R	SnmpAdminString (SIZE (0..4))	Maintenance Busy	An object containing whether the link is Maintenance Busy.
LINK/PORT STATUS					
avCmStatusLinkEthActiveChannels	.1.1.1.5	R	SnmpAdminString (SIZE (0..5))	Active Channels	An object containing the number of Active Channels associated with the link.
LINK/PORT STATUS					
avCmStatusLinkPPPEEnabled	.1.1.1.6	R	SnmpAdminString (SIZE (0..4))	PPP Enabled	An object containing whether the link is PPP enabled.
LINK/PORT STATUS					
avCmStatusLinkPPPMaintenanceBusy	.1.1.1.7	R	SnmpAdminString (SIZE (0..4))	PPP Maintenance Busy	An object containing the link is PPP maintenance busy.
LINK/PORT STATUS					
avCmStatusLinkPPPActiveChannels	.1.1.1.8	R	SnmpAdminString (SIZE (0..5))	PPP Active Channels	An object containing the number of active channels associated with a PPP link.
LINK/PORT STATUS					
avCmStatusLinkAssociatedC-LAN Modem	.1.1.1.9	R	SnmpAdminString (SIZE (0..3))	Associated C-LAN Modem	An object containing the number of Associated C-LAN Modems for the link.
LINK/PORT STATUS					
avCmStatusLinkConnectSpeed	.1.1.2.0	R	SnmpAdminString (SIZE (0..8))	Connect speed	An object containing the Connect speed for the link.
LINK/PORT STATUS					
avCmStatusLinkV6Status	.1.1.2.1	R	SnmpAdminString (SIZE (0..26))	Link Status	An object containing the IPV6 link state.
LINK/PORT STATUS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmStatusLinkV6Type	. 1.1.2	R	SnmpAdminString (SIZE (0..16))	IPV6 Link Type	An object containing the IPV6 link type.
LINK/PORT STATUS	2				
avCmStatusLinkV6ServicePortLoc	. 1.1.2	R	SnmpAdminString (SIZE (0..16))	IPV6 Service Port Location	An object containing the IPV6 Service Port Location.
LINK/PORT STATUS	3				
avCmStatusLinkV6NodeName	. 1.1.2	R	SnmpAdminString (SIZE (0..16))	IPV6 Node Name	An object containing the IPV6 node name.
LINK/PORT STATUS	4				
avCmStatusLinkV6SourceIpAddress	. 1.1.2	R	SnmpAdminString (SIZE (0..45))	IPV6 Source IP Address	An object containing the Connect speed for the link.
LINK/PORT STATUS	5				
avCmStatusLinkV6BroadcastAddress	. 1.1.2	R	SnmpAdminString (SIZE (0..41))	IPV6 Broadcast Address	An object containing the second broadcast address.
LINK/PORT STATUS	6				
avCmStatusLinkV6EthernetEnabled	. 1.1.2	R	SnmpAdminString (SIZE (0..4))	IPV6 Enabled	An object containing the link is enabled.
LINK/PORT STATUS	7				
avCmStatusLinkV6EthernetMaintenanceBusy	. 1.1.2	R	SnmpAdminString (SIZE (0..4))	IPV6 Maintenance Busy	An object containing whether the link is Maintenance Busy.
LINK/PORT STATUS	8				
avCmStatusLinkV6EthernetActiveChannels	. 1.1.2	R	SnmpAdminString (SIZE (0..5))	IPV6 Active Channels	An object containing the number of active Ethernet channels.
LINK/PORT STATUS	9				

Sample output of forms

```

status link 1                                     Page 1 of 5
                                LINK/PORT STATUS

Link Number: 1
Link Status: connected
Link Type: ethernet

Service Port Location: 01A0217

Service State: in-service/idle
Node Name: kenny-clan
Source IP Address: 172.28.8.66/24

Broadcast Address: 172.28.8.255
Physical Address: 00:04:0d:fe:d5:76
Enabled? yes
Maintenance Busy? no
Active Channels: 0

```

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
avCmStatusLinkPPPEEnabled."1" = STRING: yes
avCmStatusLinkPPPEEnabled."2" = STRING: yes
avCmStatusLinkPPPEEnabled."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
avCmListIPNetregMonitor Group	SAT	<code>list ip-network-region monitor</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIPNetRegMonitorTable	.1	n/a	AvCmListIPNetRegMonitorEntry	n/a	A list of the avCmListIPNetRegMonitor entries.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
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	.1.1.2	R	Integer32 (0..9999)	Region	An object containing the IP network region number.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorName	.1.1.3	R	SnmpAdminString (SIZE (0..21))	Name	An object containing the region name.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorPortNoIPv4	.1.1.4	R	Integer32 (0..9999)	Port No IPv4	An object containing the IPV4 port number.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorRTCPMonitorIPv4Addr	.1.1.5	R	SnmpAdminString (SIZE (0..17))	IPv4 Address	An object containing the RTCP Monitor IPv4 IP Address.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorServiceReportPer	.1.1.6	R	Integer32 (0..99)	Report Period	An object containing the Report Period.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorCodecSet	.1.1.7	R	SnmpAdminString (SIZE (0..5))	Codec Set	An object containing the codec set used by the region.
IP NETWORK REGIONS MONITOR					
avCmListIPNetRegMonitorUDPPortRangeMin	.1.1.8	R	Integer32 (0..99999)	UDP Port Range Min	An object containing the UDP port range minimum.
IP NETWORK REGIONS MONITOR					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmListIPNetRegMonitorPortNoIPv6	.1.1.9	R	Integer32 (0..99999)	UDP Port Range Max	An object containing the UDP Port Range Maximum.
IP NETWORK REGIONS MONITOR					
IP NETWORK REGIONS MONITOR	.1.1.10	R	Integer32 (0..99999)	Port No IPv6	An object containing the IPV6 port number.
avCmListIPNetRegMonitorRTCPMonIPv6Addr	.1.1.11	R	SnmpAdminString (SIZE (0..41))	IPv6 Address	Field that displays the IPV6 address.
IP NETWORK REGIONS MONITOR					

Sample output of forms

```
list ip-network-region monitor Page 1
      IP NETWORK REGIONS MONITOR

Region      Name      Port No IPv4/ IPv6  RTCP Monitor IPv4 Address/ IPv6 Address  Report Period  Codec Set  UDP Port Min  Range Max
1           5005      5      1      2048      3329
2           5005      5      1      2048      3329
3           5005      5      1      2048      3329
4           5005      5      1      2048      3329
5           5005      5      1      2048      3329
6           5005      5      1      2048      3329
7           5005      5      1      2048      3329

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	<code>list measurements tone-receiver detail last-hour</code>	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	OID	R/W	Type	Field Name	Description
Form/Report name					
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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecLst HrDTMFPkAlloc	. 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.
avCmMeasToneRecLst HrDTMFTotOffPN	. 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.
avCmMeasToneRecLst HrDTMFPkOffPN	. 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.
avCmMeasToneRecLst HrGPTDPnReq	. 1.1.1 0		Integer32 (0..99999)	GPTD PN Req	An object containing the number of GPTD requests within the PN.
avCmMeasToneRecLst HrGPTDPnAlloc	. 1.1.1 1	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.
avCmMeasToneRecLst HrGPTDPkAlloc	. 1.1.1 2		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.
avCmMeasToneRecLst HrGPTDTotOffPN	. 1.1.1 3		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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecLst HrGPTDPkOffPN	. 1.1.1 4		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.
avCmMeasToneRecLst HrCCTTRPnReq	. 1.1.1 5		Integer32 (0..99999)	CC-TTR PN Req	An object containing the number of CC-TTR requests within the PN.
avCmMeasToneRecLst HrCCTTRPnAlloc	. 1.1.1 6		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.
avCmMeasToneRecLst HrCCTTRPkAlloc	. 1.1.1 7		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.
avCmMeasToneRecLst HrCCTTRTotOffPN	. 1.1.1 8		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.
avCmMeasToneRecLst HrCCTTRPkOffPN	. 1.1.1 9		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
avCmMeasToneRecLst HrCCCPTRPnReq	. 1.1.2 0		Integer32 (0..9999)	CC-CPTR PN Req	An object containing the number of CC-CPTR requests within the PN.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecLst HrCCCPTRPnAlloc	. 1.1.2 1		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.
avCmMeasToneRecLst HrCCCPTRPkAlloc	. 1.1.2 2		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.
avCmMeasToneRecLst HrCCCPTRTotOffPN	. 1.1.2 3		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.
avCmMeasToneRecLst HrCCCPTRPkOffPN	. 1.1.2 4		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.
avCmMeasToneRecLst HrCCMFCRPnReq	. 1.1.2 5		Integer32 (0..9999)	CC-CPTR Peak Alloc	An object containing the number of CC-MFCR requests within the PN.
avCmMeasToneRecLst HrCCMFCRPnAlloc	. 1.1.2 6		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.
avCmMeasToneRecLst Hr	. 1.1.2 7		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	OID	R/W	Type	Field Name	Description
Form/Report name					
					PN that were in use simultaneously.
avCmMeasToneRecLstHrCCMFCRTotOffPN	.1.1.2.8		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	.1.1.2.9		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
Hour  PN  Type      PN Req  PN Alloc  Peak Alloc  Total Off-PN  Peak 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
avCmMeasToneRecLstHrCCTTRPkAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRPkOffPN.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPnReq.1 = INTEGER: 0
avCmMeasToneRecLstHrCCCPTRPnAlloc.1 = INTEGER: 0
avCmMeasToneRecLstHrCCTTRPkAlloc.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	<code>list measurements tone-receiver detail yesterday</code>	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	OID	R/W	Type	Field Name	Description
avCmMeasToneRecTodayTable	.1	n/a	SEQUENCE OF avCmMeasToneRecTodayEntry	n/a	A list of the avCmMeasToneRecToday entries
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTodayEntry	.1.1	n/a	avCmMeasToneRecTodayEntry	n/a	A avCmMeasToneRecTodayentry containing objects of the avCmMeasToneRecToday information sent by the switch.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTodayPnIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTodayGPTDPkAlloc	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number in which the

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER DETAIL MEASUREMENTS.					tone receiver is located.
avCmMeasToneRecTo dayRunDate	. 1.1.3	R	SnmpAdminString(S IZE(0..28))	Date	An object containing the Date the command was executed.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayMeasHour	. 1.1.4	R	Integer32 (0..9999)	Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayDTMFPnReq	. 1.1.5	R	Integer32 (0..99999)	DTMF PN Req	An object containing the number of DTMF requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayDTMFPnAlloc	. 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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayDTMFPkAlloc	. 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
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayDTMFTotOffPN	. 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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayDTMFPkOffPN	. 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	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER DETAIL MEASUREMENTS.					different PN for requests originated on this PN.
avCmMeasToneRecTodayGPTDPnReq	. 1.1.1 0	R	Integer32 (0..9999)	GPTD PN Alloc	An object containing the number of GPTD requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTodayGPTDPnAlloc	. 1.1.1 1	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTodayGPTDPkAlloc	. 1.1.1 2	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTodayGPTDTotOffPN	. 1.1.1 3	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTodayGPTDPkOffPN	. 1.1.1 4	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTodayCCTTRPnReq	. 1.1.1 5	R	Integer32 (0..9999)	CC-TTR PN Req	An object containing the number of CC-TTR requests within the PN..
TONE RECEIVER DETAIL MEASUREMENTS.					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasToneRecTo dayCCTTRPnAlloc	. 1.1.1 6	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCTTRPkAlloc	. 1.1.1 7	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCTTRTotOffPN	. 1.1.1 8	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avavCmMeasToneRec TodayCCTTRPkOffPN	. 1.1.1 9	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCCPTRPnReq	. 1.1.2 0	R	Integer32 (0..99999)	CC-CPTR PN Req	An object containing the number of CC-CPTR requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCCPTRPnAlloc	. 1.1.2 1	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...
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCCPTRPkAlloc	. 1.1.2 2	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	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER DETAIL MEASUREMENTS.					PN that were in use simultaneously..
avCmMeasToneRecTo dayCCCPTRTotOffPN	. 1.1.2 3	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
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCCPTRPkOffPN	. 1.1.2 4	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCMFCRPnReq	. 1.1.2 5	R	Integer32 (0..99999)	CC-MFCR PN Req	An object containing the number of CC- MFCR requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
=aavCmMeasToneRec TodayCCMFCRPnAlloc	. 1.1.2 6	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCMFCRPkAlloc	. 1.1.2 7	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecTo dayCCMFCRTotOffPN	. 1.1.2 8	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
TONE RECEIVER DETAIL MEASUREMENTS.					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecTodayCCMFCRpkOffPN	.1.1.2.9	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
TONE RECEIVER DETAIL MEASUREMENTS.					

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
Hour  PN  Type      PN Req  PN Alloc  Peak Alloc  Total Off-PN  Peak 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
avCmMeasToneRecTodayPNNNumber.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
avCmMeasToneRecTodayCCTTRPkAlloc.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
avCmMeasToneRecTodayCCMFCRPNPkAlloc.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRTotOffPN.1 = INTEGER: 0
avCmMeasToneRecTodayCCMFCRPNPkOffPN.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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecYestTable	.1	n/a	SEQUENCE OF AvCmMeasToneRecYestEntry)	n/a	A list of the avCmMeasToneRecYest entries
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestEntry	.1.1	n/a	AvCmMeasToneRecYestEntry	n/a	A avCmMeasToneRecYest entry containing objects of the avCmMeasToneRecYest information sent by the switch.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestPnIdx	.1.1.1	n/a	Integer32 (0..99)	n/a	An object that uniquely identifies each Increment of data.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestGPTDPkAlloc	.1.1.2	R	Integer32 (0..99)	PN	An object containing the Port Network number in which the tone receiver is located.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestRunDate	.1.1.3	R	SnmpAdminString(SIZE(0..28))	Date	An object containing the Date the command was executed.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestMeasHour	.1.1.4	R	Integer32 (0..9999)	Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER DETAIL MEASUREMENTS.					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasToneRecYestDTMFPnReq	. 1.1.5	R	Integer32 (0..99999)	DTMF PN Req	An object containing the number of DTMF requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestDTMFPnAlloc	. 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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestDTMFPkAlloc	. 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
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestDTMFTotOffPN	. 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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestDTMFPkOffPN	. 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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestGPTDPnReq	. 1.1.1 0	R	Integer32 (0..9999)	GPTD PN Alloc	An object containing the number of GPTD requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestGPTDPnAlloc	. 1.1.1 1	R	Integer32 (0..99999)	GPTD PN Alloc	An object containing the total number of GPTD receivers located in the listed PN that were
TONE RECEIVER DETAIL MEASUREMENTS.					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					allocated during the listed hour.
avCmMeasToneRecYestGPTDPkAlloc	.1.1.1.2	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestGPTDTotOffPN	.1.1.1.3	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestGPTDPkOffPN	.1.1.1.4	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCTTRPnReq	.1.1.1.5	R	Integer32 (0..9999)	CC-TTR PN Req	An object containing the number of CC-TTR requests within the PN..
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCTTRPnAlloc	.1.1.1.6	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCTTRPkAlloc	.1.1.1.7	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCTTRTotOffPN	.1.1.1.8	R	Integer32 (0..9999)	CC-TTR Total Off-PN	An object containing the total number of CC-TTR receivers

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER DETAIL MEASUREMENTS.					allocated of a different PN for requests originated on this PN.
avavCmMeasToneRec YestCCTTRPkOffPN	. 1.1.1 9	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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYe stCCCPTRPnReq	. 1.1.2 0	R	Integer32 (0..99999)	CC-CPTR PN Req	An object containing the number of CC- CPTR requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYe stCCCPTRPnAlloc	. 1.1.2 1	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...
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYe stCCCPTRPkAlloc	. 1.1.2 2	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..
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYe stCCCPTRTotOffPN	. 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
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYe stCCCPTRPkOffPN	. 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
TONE RECEIVER DETAIL MEASUREMENTS.					

Table continues...

					requests originated on this PN.
avCmMeasToneRecYestCCMFCRPNReq	. 1.1. 25	R	Integer32 (0..99999)	CC-MFCR PN Req	An object containing the number of CC-MFCR requests within the PN.
TONE RECEIVER DETAIL MEASUREMENTS.					
=avCmMeasToneRecYestCCMFCRPNAlloc	. 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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCMFCRPNkAlloc	. 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.
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCMFCRTotOffPN	. 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
TONE RECEIVER DETAIL MEASUREMENTS.					
avCmMeasToneRecYestCCMFCRPNkOffPN	. 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
TONE RECEIVER DETAIL MEASUREMENTS.					

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

    Hour  PN  Type          PN  PN  Peak  Total  Peak
          1   DTMF          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
avCmMeasToneRecSumLstHr 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	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecSumLstHrRunDate	.1	R	SnmpAdminString (0..28)	Date	An object containing the Date the command was executed.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrMeasHour	.2	R	Integer32 (0..99999)	Hour	An object containing the hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFHour	.3	R	Integer32 (0..99999)	DTMF Hour	An object containing the hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFTReq	.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					
avCmMeasToneRecSumLstHrDTMFPReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFTQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFPQueued	.7	R	SInteger32 (0..99999)	DTMF Peak Queued	An object containing the system-wide

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					peak number of requests queued at any one time during the measurement hour for tone receivers of this type.
avCmMeasToneRecSumLstHrDTMFTDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMFPDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrGPTDHour	.10	R	Integer32 (0..99999)	GPTD Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrGPTDTReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrGPTDPRreq	.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
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
					that occurred at any one time over the measurement interval.
avCmMeasToneRecSumLstHrGPTDDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrGPTDPDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCTTRHour	.15	R	Integer32 (0..99999)	CC-TTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumLstHrCCTTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumLstHrCCTTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasToneRecSumLstHrCCTTRTQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCTTRPQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCTTRTDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCTTRPDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCCPTRHour	.22	R	Integer32 (0..99999)	CC-CPTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCCPTRReq	.23	R	Integer32 (0..99999)	CC-CPTR Total Req	An object containing the system-wide total number of

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					requests for tone receivers of this type for the measurement interval.
avCmMeasToneRecSumLstHrCCCPTRPReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCCPTRDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCCPTRDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCMFCRHour	.27	R	Integer32 (0..99999)	CC-MFCR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCMFCRTRReq	.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
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

					measurement interval.
avCmMeasToneRecSumLstHrCCMFCRPreq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCMFCRTDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCCMFCRPDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrDTMRPTTAvail	.32	R	Integer32 (0..99999)	DTMR-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrGPTDPTTAvail	.33	R	Integer32 (0..99999)	GPTD-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumLstHrCLASPTTAvail	.34	R	Integer32 (0..99999)	CLAS-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

avCmMeasToneRecSumLstHrETRPTTAvail	.35	R	Integer32 (0..99999)	ETR-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					

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

Hour   Meas      Total   Peak   Total   Peak   Total   Peak
      Type      Req     Req   Queued  Queued  Denied  Denied
-----
300    DTMF         0       0       0       0       0       0
300    GPTD         0       0       0       0       0       0
300    CC-TTR       0       0       0       0       0       0
300    CC-CPTR      0       0       0       0       0       0
300    CC-MFCR      0       0       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
avCmMeasToneRecSumLstHrDTMFTRReq.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
avCmMeasToneRecSumLstHrGPTDTRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDPRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrGPTDPRDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrCCTTRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRPRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRTRQueued.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRPRQueued.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCTTRPRDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCCPTTRHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrCCCPTTRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCCPTTRPRReq.0 = INTEGER: 0
```

```

avCmMeasToneRecSumLstHrCCCPTRTDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCCPTRPDenied.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCMFCRHour.0 = INTEGER: 300
avCmMeasToneRecSumLstHrCCMFCRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumLstHrCCMFCRPRReq.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 avCmMeasToneRecSumToday 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
avCmMeasToneRecSum Today 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					
avCmMeasToneRecSumTodayDTMFReq	.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	OID	R/W	Type	Field Name	Description
Form/Report name					
					receivers of this type that occurred at any one time over the measurement interval.
avCmMeasToneRecSumTodayDTMFTQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayDTMFPQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayDTMFTDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayDTMFPDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDHour	.10	R	Integer32 (0..99999)	GPTD Hour	An object containing the Hour the measurement was taken.

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDPRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDTRDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDPRDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCTTRHour	.15	R	Integer32 (0..99999)	CC-TTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
aavCmMeasToneRecSumTodayCCTTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumTodayCCTTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCTTRQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCTTRPQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCTTRDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasToneRecSumTodayCCTTRPDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCCPTRHour	.22	R	Integer32 (0..99999)	CC-CPTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCCPTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCCPTRPReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCCPTRTDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
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	.27	R	Integer32 (0..99999)	CC-MFCR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCMFCRTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCMFCRPRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCMFCRTRDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCCMFCRPRDenied	.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
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

					during the measurement hour.
avCmMeasToneRecSumTodayDTMRPTTAvail	.32	R	Integer32 (0..999)	DTMR-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayGPTDPTTAvail	.33	R	Integer32 (0..999)	GPTD-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayCLASPTTAvail	.34	R	Integer32 (0..999)	CLAS-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumTodayETRPTTAvail	.35	R	Integer32 (0..999)	ETR-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					

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
Hour  PN  Type      PN  PN  Peak  Total  Peak
      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
avCmMeasToneRecSumTodayDTMFTRReq.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
avCmMeasToneRecSumTodayGPTDTRReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDPRReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDDDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayGPTDPPDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRHour.0 = INTEGER: 300
avCmMeasToneRecSumTodayCCTTRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCTTRPRReq.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
avCmMeasToneRecSumTodayCCMFCRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRPRReq.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRTDenied.0 = INTEGER: 0
avCmMeasToneRecSumTodayCCMFCRPPDenied.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
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	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					requests for tone receivers of this type for the measurement interval.
avCmMeasToneRecSumYestDTMFPReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestDTMFTQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestDTMFPQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestDTMFTDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
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	OID	R/W	Type	Field Name	Description
Form/Report name					
TONE RECEIVER SUMMARY MEASUREMENTS					denied at any one time because no receivers of this type were available during the measurement hour.
avCmMeasToneRecSumYestGPTDHour	.10	R	Integer32 (0..99999)	GPTD Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestGPTDTReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestGPTDPRreq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestGPTDTRDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestGPTDPRDenied	.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
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					were available during the measurement hour.
avCmMeasToneRecSumYestCCTTRHour	.15	R	Integer32 (0..99999)	CC-TTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumYestCCTTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
aavCmMeasToneRecSumYestCCTTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCTTRTQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCTTRPQueued	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasToneRecSumYestCCTTRTDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCTTRPDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCCPTTRHour	.22	R	Integer32 (0..99999)	CC-CPTR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCCPTTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCCPTTRPReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
avCmMeasToneRecSumYestCCCPTRTDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCCPTRPDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCMFCRHour	.27	R	Integer32 (0..99999)	CC-MFCR Hour	An object containing the Hour the measurement was taken.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCMFCRTRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCMFCRPRReq	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					

Table continues...

Object Name	OID	R/W	Type	Field Name	Description
Form/Report name					
avCmMeasToneRecSumYestCCMFCRTDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCCMFCRPeaDenied	.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.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestDTMRPTTAvail	.32	R	Integer32 (0..999)	DTMR-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestGPTDPTTAvail	.33	R	Integer32 (0..999)	GPTD-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestCLASPTTAvail	.34	R	Integer32 (0..999)	CLAS-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					
avCmMeasToneRecSumYestETRPTTAvail	.35	R	Integer32 (0..999)	ETR-PT Total Avail	An object containing the number of ports available for the type of tone receiver.
TONE RECEIVER SUMMARY MEASUREMENTS					

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

Hour   Meas      Total      Peak      Total      Peak      Total      Peak
      Type      Req       Req       Queued    Queued    Denied    Denied
2300   DTMF        0         0         0         0         0         0
2300   GPTD        0         0         0         0         0         0
2300   CC-TTR      0         0         0         0         0         0
2300   CC-CPTR     0         0         0         0         0         0
2300   CC-MFCR     0         0         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
avCmMeasToneRecSumYestDTMFTRReq.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
avCmMeasToneRecSumYestGPTDTRReq.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDPRReq.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDPRDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestCCTTRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRPRReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRTRQueued.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRPRQueued.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCTTRPRDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRHour.0 = INTEGER: 2300
avCmMeasToneRecSumYestCCMFCRTRReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRPRReq.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRTRDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestCCMFCRPRDenied.0 = INTEGER: 0
avCmMeasToneRecSumYestDTMRPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumYestGPTDPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumYestCLASPTTAvail.0 = INTEGER: 0
avCmMeasToneRecSumYestETRPPTTAvail.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	<code>display system-parameters customer-options</code>	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	OID	R/W	Type	Field Name	Description
avCmSysParamCustPlatform	.1	R	SnmpAdminString (SIZE (0..6))	Platform	An object containing the platform of the server.
OPTIONAL FEATURES					
avCmSysParamCustES	.2	R	SnmpAdminString (SIZE (0..2))	Enterprise Survivable Server	An object containing whether the Enterprise Survivable Server feature is enabled.
OPTIONAL FEATURES					
avCmSysParamCustLSP	.3	R	SnmpAdminString (SIZE (0..2))	Local Survivable Processor	An object containing whether the Local Survivable Processor feature is enabled.
OPTIONAL FEATURES					
avCmSysParamCustTenantPart	.4	R	SnmpAdminString (SIZE (0..2))	Tenant Partitioning	An object containing whether the Tenant Partitioning feature is enabled.
OPTIONAL FEATURES					
avCmSysParamCustPortNetSup	.5	R	SnmpAdminString (SIZE (0..2))	Port Network Support	An object containing whether the Port Network Support feature is enabled.
OPTIONAL FEATURES					

Sample output of forms

```

display system-parameters customer-options Page 4 of 12
OPTIONAL FEATURES

Abbreviated Dialing Enhanced List? y Audible Message Waiting? y
Access Security Gateway (ASG)? n Authorization Codes? y
Analog Trunk Incoming Call ID? y CAS Branch? n
A/D Grp/Sys List Dialing Start at 01? y CAS Main? n
Answer Supervision by Call Classifier? y Change COR by FAC? n
ARS? y Computer Telephony Adjunct Links? y
ARS/AAR Partitioning? y Cvg Of Calls Redirected Off-net? y
ARS/AAR Dialing without FAC? y DCS (Basic)? y
ASAI Link Core Capabilities? y DCS Call Coverage? y
ASAI Link Plus Capabilities? y DCS with Rerouting? y
Async. Transfer Mode (ATM) PNC? n
Async. Transfer Mode (ATM) Trunking? n Digital Loss Plan Modification? y
ATM WAN Spare Processor? n DS1 MSP? y
ATMS? y DS1 Echo Cancellation? y
Attendant Vectoring? y

(NOTE: You must logoff & login to effect the permission changes.)

```

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: <ul style="list-style-type: none"> • read-only: Community or user can only query for information. • 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: <ul style="list-style-type: none"> • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
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: <ul style="list-style-type: none"> • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
Authentication Protocol	Specifies the authentication protocol in use. The options are: <ul style="list-style-type: none"> • MD5

Table continues...

Name	Description
	<ul style="list-style-type: none"> • SHA
Authentication Password	<p>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:</p> <ul style="list-style-type: none"> • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
Privacy Protocol	<p>Specifies the privacy protocol in use. The options are:</p> <ul style="list-style-type: none"> • DES • AES128
Privacy Password	<p>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:</p> <ul style="list-style-type: none"> • ` • \ • ‘ • & • (blank) • ” • ; • = • ,

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: <ul style="list-style-type: none"> • ` • \ • ‘ • & • (blank) • ”

Table continues...

Name	Description
	<ul style="list-style-type: none"> • ; • = • ,
User Name	<p>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:</p> <ul style="list-style-type: none"> • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
Authentication Protocol	<p>Specifies the authentication protocol in use. The options are:</p> <ul style="list-style-type: none"> • MD5 • SHA
Authentication Password	<p>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:</p> <ul style="list-style-type: none"> • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
Privacy Protocol	<p>Specifies the privacy protocol in use. The options are:</p> <ul style="list-style-type: none"> • DES • AES128
Privacy Password	<p>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</p>

Table continues...

Name	Description
	maximum length of 64 characters. The system does not allow certain characters, such as: <ul style="list-style-type: none"> • ` • \ • ‘ • & • (blank) • ” • ; • = • ,
Engine ID	Specifies the unique SNMP Engine ID if you set the Notification field to <code>inform</code> . This field is disabled and set to <code>[local Engine ID]</code> if you set the Notification field to <code>trap</code> .

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 the Current 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 --port 162 -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 -s authNoPriv -a authpasswd --
auth_prot MD5 -p privpasswd --priv_prot DES --add
```

```
snmptrapconfig -v 3 --trap -i 135.9.36.44 -u username -o user1 -s authNoPriv -
a authpasswd --auth_prot MD5 -p privpasswd --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-ppriv_passwd-p--priv_protDES --add
```

```
snmpuserconfig -v3 -w -u username -ouser1-sauthPriv-aauthpasswd--auth_protMD5-ppriv_passwd--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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