



Avaya Aura® Contact Center

Release 7.0

Release Notes

This document contains information on software lineup, known issues and workarounds specific to this release of Avaya Aura® Contact Center.

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Purpose

This document contains known issues, patches and workarounds specific to this build and does not constitute a quick install guide for Contact Centre components. Please refer to the information below to identify any issues relevant to the component(s) you are installing and then refer to the Avaya Contact Center Installation and Commissioning guides for full installation instructions

Publication History

Issue	Change Summary	Author(s)	Date
1.0	Initial Release for Release 7.0 Launch	CC Release Engineering	23 rd October 2015
1.1	AAMS updates.	CC Engineering	19 th November 2015
1.2	GA Release for Trial sites	CC Release Engineering	23 rd November 2015
1.3	Removed duplicate MS hotfixes	CC Release Engineering	16 th December 2015
1.4	Localization section added	Localization	15 th January 2016
1.5	Localization section updated	Localization	23 rd February 2016
1.6	Equinox 3.0 is not supported as a Contact Center Agent Softphone. CCMA ActiveX Controls location and contents. CCMA Reporting export formats no longer supported.	CC Current Engineering	1 st November 2016

Software Information

Hardware Appliance

There are no software downloads associated with the Hardware Appliance deployment.

Software Appliance

The following are the files required to deploy Avaya Aura® Contact Center Release 7.0 into a virtualization environment. Please ensure you are using this version for all new software installation.

Avaya Aura Media Server OVA

File Name	MD5 Checksum
MediaServer_7.7.0.226_A11_2015.07.02_OVF10	3d476ce8b74efc1bc32e4e45ef1ea141

Avaya WebLM OVA

The Avaya WebLM software is a required piece of software when deploying the OVAs in a virtualisation environment. This software is used for product licensing. Please download this software from

<http://support.avaya.com>

Migration Tool for RCW Generated Reports

This application is required when exporting Historical Reporting templates on an NES6/NES7/ACC 6.x server as part of a server migration. The most up to date version of the application is available with the “additional required updates” from the AACC lineup below.

The utility is available in:

Install Software\CCMA\RCW_Migration_Utility

DVD Product Installation

The following are the files required when deploying Avaya Aura® Contact Center using the Avaya Aura® Contact Center DVD. Please note, as part of the deployment of the product you are required to install the latest available service pack bundle when installing the product.

DVD Image

The supported Avaya Aura® Contact Center DVD version is outlined below. Please ensure you are using this version for all new software installation.

File Name	MD5 Checksum
AACC_7.0.0.0-316.iso	38ce17c1b1105eb40ad9de35eb45dcc3

Important Note:

Information on the latest service packs available with this release is documented in the **Service Pack Bundle** section below.

Service Pack Bundle

The Avaya Aura® Contact Center software is delivered to customers as a service pack bundle. The Service Pack is installed on your base software and contains the latest software updates for the release.

File Name	MD5 Checksum
ACC_7.0.0.0_ServicePack0-207.zip	98cea4a7ff84d89b7ccc2b29a5f3bf53

Additional Required Updates

Avaya Aura® Contact Center Server

The following are additional Avaya Contact Center updates containing critical fixes that **must** be applied to your system.

File Name	MD5 Checksum
ACC_70_ServicePack_GA_Patches-152.zip	a11cfbb9afd5a984ab573904a7816e71

You must download all files listed. Please verify the MD5 checksums after download to ensure all files have been downloaded successfully

File Name	MD5 Checksum
ACC_70_ServicePack_GA_Patches-164.zip	4d02273b3690d191130d2954194a797d

You must download all files listed. Please verify the MD5 checksums after download to ensure all files have been downloaded successfully.

Avaya Aura Media Server OVA

The AAMS OVA version is: 7.7.0.226 with System Layer Version 11. Both need to be upgraded to the latest version for the GA installation. The Media Server needs to be updated to 7.7.0.269 and the System layer needs to be updated to 14. This is accomplished by downloading the two ISO files:

MediaServer_Update_7.7.0.269_2015.10.14.iso

MediaServer_System_Update_7.7.0.14_2015.10.26.iso

The procedure: [Upgrading Avaya Aura Media Server OVA](#) details the steps required to upgrade the AAMS OVA.

File Name	MD5 Checksum
MediaServer_Update_7.7.0.269_2015.10.14.iso	96f5a79bf06d250a051c7440112c9291
MediaServer_System_Update_7.7.0.14_2015.10.26.iso	6c13700de16ea05ed1583a218b1576b7

Language Patch

File Name	MD5 Checksum
ACC_70_ServicePack_GA_Patches-241.iso	1deb19b37234a9311267264b5a57fb66

Additional Optional Updates

Avaya Aura® Contact Center Server

The following software update is optional for the Avaya Contact Center.

File Name	MD5 Checksum
ASGPlugin4WindowsX64.zip	76aaa6844a4863a86884d19a0b409558

ASG Plugin

The ASG Plugin is a serviceability application which enables secure access to the server when installed using a challenge-response mechanism. This update removes the presence of unnecessary accounts which are given permission to access the files in the applications directory. This effectively restricts access to the applications files to administrator users only.

The ASG Plugin currently placed on the server, not installed, does not have this patch and if required this version can be downloaded and placed on the server instead of the incumbent version.

This is optional in that only if you wish to install and use this plugin should it be installed; otherwise it is not required for normal Contact Center operations.

Avaya Aura® Contact Center Server

The following software update is optional for the Avaya Contact Center.

MD5 Checksum

File Name

ACC_7_0_0_0_SNMP_Trap_File_ver1_0.cnf	3fbc02a8bdf6296fe2c153ced48b0ca9
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SNMP Trap Configuration File

An SNMP Trap Configuration File (.cnf) is delivered containing the Avaya recommended events for SNMP capture. The configuration file can be imported into the SNMP Event Translator that is available after installing SNMP on the Windows Server 2012 R2. SNMP traps will be automatically generated and forwarded to the configured NMS system for all Event Viewer events that have a match in the configuration file.

The SNMP Trap Configuration File can be imported into the SNMP Event Translator using evntcmd.exe from the command prompt. A restart of the SNMP service is required after which the file content can be viewed using the SNMP Event Translator GUI (evntwin.exe). Exact details for the procedure are available in Windows Server 2012 R2 documentation.

The SNMP Trap Configuration File is available for download from the support site.

This is optional in that it should only be imported if you wish to forward SNMP traps to an NMS system for treatment or monitoring. Otherwise it is not required for normal Contact Center operations.

Note: As detailed in the AACC deployment guide, SNMP should be installed on the Windows Server 2012 R2 prior to deployment of the AACC application.

Patch Scanner

The following is an additional utility Avaya Aura® Contact Center support tool. This Patch Scanner utility is released with every Service Pack and Patch bundle from ACC 6.4 SP13 onwards.

If you are moving from an Avaya Contact Center 6.4 lineup to Avaya Contact Center 7.0 you must use the version of the Patch Scanner published in the 7.0 Release Notes document.

This version of the tool can be used prior to moving to Avaya Contact Center 7.0. See readme with the application zip file for further information.

File Name	MD5 Checksum
PatchScanner_1.0.0.7.zip	fc22c23b1c423a5add5605e93e97fc4

Microsoft Operating System Updates

The section outlines additional Microsoft Updates that must be applied to your system. Click on the link below to bring you directly to the KB article on the update.

Update ID	Summary
KB3100956	You may experience slow logon when services are in start-pending state in Windows Server 2012 R2

Important Notes:

1. **Important** If you install a language pack after you install this update, you must reinstall this update. Therefore, we recommend that you install any language packs that you need before you install this update. For more information, see [Add language packs to Windows](#).

Update ID	Summary
KB2973337	SHA512 is disabled in Windows when you use TLS 1.2

Important Notes:

1. This KB is contained in the August 2014 update rollup **KB2975719** listed below and does not need to be installed individually if the rollup is applied.
2. **Important** Do not install a language pack after you install this update. If you do, the language-specific changes in the update will not be applied, and you will have to reinstall the update. For more information, see Add language packs to Windows.

Update ID	Summary
KB2975719	August 2014 update rollup for Windows RT 8.1, Windows 8.1, and Windows Server 2012 R2

Important Notes:

1. **Important** When you install this update (2975719) from Windows Update, updates 2990532, 2979582, 2993100, 2993651, and 2995004 are included in the installation.

Update ID	Summary
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[KB3101694](#)

"0x000000D1" Stop error in Pacer.sys when there's heavy QoS traffic in Windows Server 2012 R2

Important Notes:

1. **Important** If you install a language pack after you install this hotfix, you must reinstall this hotfix. Therefore, we recommend that you install any language packs that you need before you install this hotfix. For more information, see [Add language packs to Windows](#).
2. **Important** This KB should only be applied to servers which include Avaya Aura Media Server on Windows Server 2012 R2, i.e. where AACC/ACCS and AAMS have been installed co-resident on a single physical server. It is not required on any deployment which does not include Avaya Aura Media Server on Windows Server 2012 R2.

Platform Vendor Independence (PVI)

Hardware Requirements

For Single Server deployments of AACC 7.0 (Voice and Multimedia with Avaya Media Server on a physical platform) a Gigabit Network Adapter is required that supports Receive Side Scaling (RSS) with 4 RSS queues.

Network Adapter known issues

There is currently an open issue with Microsoft Windows Server 2012 R2 with Broadcom NetXtreme Gigabit Ethernet Adapter (BCM5720) that can result in Windows OS kernel crash for AACC 7.0 Single Server deployments. The bug resides in Microsoft's pacer.sys (QoS packet scheduler) and is exposed by the Broadcom NetXtreme Gigabit Network Adapter (BCM5720) when RSS is enabled and configured for more than 1 queue. This issue has only been found with Broadcom NetXtreme Gigabit Ethernet Adapter and (specifically the Broadcom 5720 Adapter). The issue has been accepted by Microsoft and they are working on a fix.

Recommended Network Adapter

The following RSS capable Gigabit Network adapter has been tested successfully with AACC 7.0 Single Server deployments

Intel(R) Gigabit 4P I350-t Adapter

Operating System & Virtualization

Operating System

All Avaya Aura® Contact Center server applications are supported on the following operating systems:

- Windows Server 2012 R2 Standard (64-bit Edition)
- Windows Server 2012 R2 Data Center (64-bit Edition)

The Avaya Aura Media Server is supported installed co-resident with AACC on a Windows Server 2012 R2 platform. AAMS installed on a standalone Windows Server 2012 R2 is not supported.

AAMS is supported on Red Hat Enterprise Linux (RHEL) 6.x 64-bit OS. It is not supported 32-bit RHEL. It is not supported on any other version of Linux.

Microsoft Service Packs

None.

Microsoft Hotfixes

Before deploying any new Windows Security Patches and Hotfixes – you must confirm that any Windows patches are listed as supported in the Avaya Contact Center Security Hotfixes and Compatibility listing – published every month on support.avaya.com.

Additionally, please install all required Microsoft Operating System update listed in the [Microsoft Operating System Updates](#) section of this document.

Please ensure that you do not enable Automatic Updates on your Avaya Aura® Contact Center Server or Client PCs. All Windows Security patches and hotfixes must be manually deployed after consulting the supported Avaya Contact Center Security Hotfixes and Compatibility listing

Red Hat Enterprise Linux Updates

AAMS is only supported on Red Hat Enterprise Linux (RHEL) 6.x 64-bit servers.

For an AAMS installed on a customer installed RHEL 6.x 64-bit server, it is mandatory to register the RHEL OS with Red Hat Networks (RHN) and to apply all of the latest updates. AAMS is tested regularly against all the latest RHEL updates.

The AAMS OVA AAMS ships with the most recent RHEL updates as of GA. Avaya are responsible for supplying any mandatory Red Hat updates for the OVA installed OS. This is supplied as an AAMS System Update ISO file that is uploaded via AAMS Element Manager and applied by logging into an SSH session using the same account to access AAMS Element Manager. The OVA does not need to be registered with Red Hat Networks.

Internet Explorer Support

Element Manager and CCMA require that Internet Explorer 10.0 and Internet Explorer 11.0 be configured to run the web sites in “Compatibility Mode”.

Microsoft support indicates that some websites might not display correctly in Windows Internet Explorer 9. For example, portions of a webpage might be missing, information in a table might be in the wrong locations, or colors and text might be incorrect. Some webpages might not display at all.

If a portion of the webpage doesn't display correctly, try one or more of the following procedures:

Note: IE Compatibility Mode must be enabled on IE 10.0 and IE 11.0.

To turn on Compatibility View

1. Open Internet Explorer by clicking the Start button
2. In the search box, type Internet Explorer, and then, in the list of results, click Internet Explorer
3. Click the Compatibility View button on the Address bar

The supported browser is Microsoft Internet Explorer 10.0 or later (32 Bit only – 64 Bit not supported).

Virtualization

Avaya Aura® Contact Center supports the following virtualization environments using the OVA images supplied:

- VMware vSphere Release 5.0 (ESXi)
- VMware vSphere Release 5.1 (ESXi)
- VMware vSphere Release 5.5 (ESXi)

The deployment Avaya Aura Contact Center requires that following OVA images to be deployed:

- a) Avaya Aura Media Server
- b) Avaya WebLM

This OVA is required for product licensing in a virtualization environment.

Information on the OVA image software is available in the **Software Appliance** section below.

VMWare Configuration Note

Description	The VMware data store used to store the deployed software appliances must be at VMware Release 5.0 or greater. If your data store is not at this release you must either upgrade it to this level or create a new data store location that supports the required VMware release.
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Deployment & Configuration Information

Pre-Installation Considerations

Changes to Universal Networking in AACC 7.0

The new 10.1 version of Gigaspaces deployed with AACC 7.0 is not compatible with the version deployed in AACC 6.x. This impacts the Universal Networking feature (UNE). It will not function between AACC 7.0 and AACC 6.x without the deployment of a UNE alignment patch on 6.x which adds UNE Web Services.

Before adding AACC 7.0 to an existing 6.x network or upgrading a networked deployment to AACC 7.0, the network must first be upgraded with the UNE alignment patch using the following steps:

1. Upgrade the 6.x nodes to the latest supported patch level.
2. Install the UNE alignment patch on each 6.x node. Patch name is DP_CCCC_6.4.215.208_CCCC
3. Proceed with adding or upgrading AACC 7.0 nodes as required.

Migrating Report Creation Wizard Reports from pre SP15 AACC 6.x Systems

The migration procedure for Report Creation Wizard based reports on an AACC system requires that the server hosting CCMA be at the 6.4 SP14 or SP15 patch level prior to the report export step. The MigrationRPTToRCWX.exe utility has a dependency on the version of Crystal Reports and is only compatible with the version on the SP14 or SP15 lineup.

Equinox 3.0 Not Supported for use as an Agent Softphone

Equinox 3.0 is not support for use as a Contact Center Agent Softphone

Installation

New Installations

Windows Automatic Maintenance

Windows Server 2012 R2 provides a centralized mechanism for maintaining the operating system. This feature is called Automatic Maintenance, and is used to carry out tasks such as hard disk defragmentation and application of Microsoft Windows updates among others.

This mechanism can sometimes interfere with the deployment of Contact Center software, resulting in failed installations. It is recommended that this feature be disabled for the duration of Contact Center software installs.

To disable Automatic Maintenance:

1. Start – Run ‘Taskschd.msc’
2. In the Task Scheduler Library browse to Microsoft – Windows – TaskScheduler
3. Select the *Idle Maintenance* task, right-click and choose ‘Disable’
4. Select the *Regular Maintenance* task, right-click and choose ‘Disable’

5. Alternatively, modify the properties of the *Regular Maintenance* task and ensure it is not set to run during your installation maintenance window.

After installation is complete you may re-enable Automatic Maintenance

To enable Automatic Maintenance:

1. Start – Run ‘Taskschd.msc’
2. In the Task Scheduler Library browse to Microsoft – Windows – TaskScheduler
3. Select the *Idle Maintenance* task, right-click and choose ‘Enable’
4. Select the *Regular Maintenance* task, right-click and choose ‘Disable’

Install-time Patching

Install-time patching is mandatory for Avaya Contact Center software deployments using the provided DVD media.

Mandatory Execution of Ignition Wizard – Patch Deployments

After deployment of the Contact Center software using the DVD installer, if the Ignition Wizard process is deferred, it will not be possible to install Patches (DPs) either via Update Manager or manually (double-clicking on the installer file). Successful execution of the Ignition Wizard prior to applying Patches to the system is **mandatory**.

This does **not** affect the removal or reinstallation of Contact Center Service Packs, only Contact Center Patches (DPs).

System Backup after Ignition (IMPORTANT)

A full AACC backup must be taken after the ignition process has completed and before the system is commissioned or used.

This is important for systems that will be used as migration targets. The CCMA data can only be migrated to a system that does not contain any customer data. The CCMA migration will fail if the system is found to contain data other than what was injected by the Ignition Wizard.

If the CCMA migration fails in this way, the solution is to go back to the post-ignition backup or re-install the system.

Avaya Contact Center security certificate migration considerations

Migration from 6.4 to 7.0/7.0.1

Due to the changes made in AACC 7.0 release regarding improved security stance, migration of the AACC 6.4 certificate store to AACC 7.0 or higher is not possible.

The only path available when moving to AACC 7.0 from AACC 6.4 is the creation of a new store on the AACC 7.0 system, the signing of the certificate signing request (CSR) by a selected Certificate Authority and the importing of these new security certificates into the new store.

No elements of the security store from AACC 6.4 can be migrated to AACC 7.0

The following sections are applicable to migrations from 7.0 to later versions only.

Note: AACC 7.0 and AACC 7.0.1 come with the default store as standard and as such does not need to be migrated from previous releases. Please be advised this default store is not to be used in a production environment and is designed to be used in a test/configuration only situation.

Migrating security custom security certificates has caveats that require planning and consideration before beginning the process.

Name of Server is important

When intending to reuse existing security certificates on a new system then the receiving system will have to have the exact name as the donor system otherwise the security certificate will not match the underlying server. If the security certificate and underlying server name do not match, then warnings and errors will be presented to the user, when attempting to use this security certificate to establish a secure connection.

Note

The recommendation is that, if possible, new security certificates be generated for the new system rather than reuse security certificates from another system.

Restoring Certificate store to a new system

If the decision to reuse the security certificates then the migration of security certificates is a manual process and requires that the security certificate store on the server be backed up using the Certificate Manager Backup feature.

This will back up the necessary files required to be imported back in on the new system using the Certificate Manager Restore feature.

The receiving system name must be the same as the donor system otherwise errors will occur when attempting to use the security certificates to establish a secure connection.

Note

The backed up files will be modified if coming from a release prior to 7.0 during the restore process so it is recommended that you keep a copy of the original backed up files.

Backing up the Certificate Store

- 1) Ensure all services are stopped
- 2) Launch Certificate Manager
- 3) Go to Store Maintenance Tab
- 4) In the Backup and Restore Certificate Store section choose a location in which to create the backups. **NOTE:** do not choose a Contact Center directory structure
- 5) Press the Backup button to back up the store and its associated files
- 6) Check your chosen backup location and verify the following files are present in the directory: CCKeystore.jks, signme.csr (optional), storeInformation.txt ,storePwdEncrypt.txt

Restoring the Certificate Store

- 1) Ensure all service are stopped
- 2) Launch Certificate Manager
- 3) Go to Store Maintenance Tab
- 4) Select the location where your backups are stored, in the Backup and Restore Certificate Store section
- 5) Press Restore button to restore the store and associated files
- 6) Close Certificate Manager
- 7) Open Certificate Manager and confirm store has the correct content
- 8) Start Services

After restoring Certificate Store – Reset Security Level if previously set to ON

If the certificate store has been restored onto a system that contained another store and had the security level set to ON then the following steps have to be followed to apply the new stores certificates to the various web servers otherwise the previous stores certificates will remain in effect.

This procedure is only if the previous security setting was set to ON while using the previous store and the store has been restored.

- 1) Ensure all services are stopped.
- 2) Launch Certificate Manager.
- 3) Go to Security Configuration Tab.
- 4) Check Security level – If ON then turn OFF and then ON again.
- 5) Hit Apply button.

This effectively will remove the previous configuration settings on the various web servers and apply the contents of the new store to web servers.

Failure to follow this step will result in the various web servers using the certificates from the previous store regardless of the restore procedure.

Restoring a certificate store whose contents have been signed by another Certificate Authority

If the certificate store has been restored to a system that used another certificate authority (CA) to sign the contents of the store used previously then, if not done already, the root certificate authority certificate will have to be deployed to the various clients that communicate with the server.

If the restored certificate store has been signed by the same certificate authority then this is not required since the root CA certificates should have already been distributed.

Upgrading GA Avaya Aura Media Server OVA

This section provides instructions on how to upgrade the Avaya Aura Media Server OVA from version 7.7.0.226 and System Layer 11 to 7.7.0.269 and System Layer 14.

1. Launch AAMS Element Manager.
2. Navigate to EM > Tools > Manage Software > Updates > Upload Updates.
3. Locate the System Layer Update ISO (available from the ftp site, please see section: [Avaya Aura Media Server OVA](#)):
MediaServer_System_Update_7.7.0.14_2015.10.26.iso
4. Click Browse to select the software update to upload this file to the AAMS.
5. Click Upload
Your browser shows a progress spinner until the upload completes.
The web page refreshes when the update completes and displays the details of the update including the filename of the uploaded file.
6. Using the cust login credentials, open a Linux shell and run the following command to install the update:
sysTool --install-update
7. Follow the prompts to complete the installation, after which the AAMS will reboot to complete installation.
8. When the system comes up after reboot, open a Linux shell and logon using the cust account. Type in the following command to verify that the System Update has completed successfully:
sysTool --status
Output: System Version : 7.7.0.14
Original Activation Date: 2015-11-03T04:52-0700
Staged update : MediaServer_System_Update_7.7.0.14_2015.10.26.iso
9. Locate Media Server Update ISO (available from the ftp site, please see section: [Avaya Aura Media Server OVA](#)):
MediaServer_Update_7.7.0.269_2015.10.14.iso
10. Click Browse to select the software update to upload this file to the AAMS.
11. Click Upload
Your browser shows a progress spinner until the upload completes.
The web page refreshes when the update completes and displays the details of the update including the filename of the uploaded file.
12. Using the cust login credentials, open a Linux shell and run the following command to install the update:
InstallMediaServer

13. Follow the prompts to complete the installation.
14. Logon to AAMS Element Manager and go to System Status->Element Status and verify that the AAMS version is 7.7.0.269

AMS (7.5 and 7.6) Upgrade and Migrations to AAMS 7.7

This section details all of the procedures required to upgrade or migrate previous version of Avaya Media Server to Avaya Aura Media Server 7.7.

Note: AMS refers to Avaya Media Server versions 7.5 and 7.6 used by AACC 6.3 and 6.4. AAMS refers to Avaya Aura Media Server 7.7 used by AACC 7.0.

AMS to AAMS Upgrades

The only AMS to AAMS in-place upgrade that is supported is an upgrade from an AMS 7.6 server that has been installed on a customer-supplied Red Hat Enterprise Linux (RHEL) 6.x 64bit server. In place upgrades are not supported and migration procedure must be used if your AMS is:

- Installed on Windows Server 2008 R2
- Installed on RHEL 5.x
- Installed on RHEL 6.x 32bit
- Deployed from the AMS7.6 OVA supplied with AACC 6.4

Scripts for Migrations and Upgrades

Two scripts are provided for use in preparing and completion of AMS to AAMS server migrations:

- prepareForAAMS77Migration.py (Linux) / prepareForAAMS77Migration.exe (Windows)
- completeAAMS77Migration.py (Linux) / completeAAMS77Migration.py (Windows)

The scripts are available on the DVD at location: /Install Software/AMS/Linux and /Install Software/AMS/Windows. Note: the Service pack or patch bundle may have a more recent version of these scripts.

The following procedure details how to copy and run these scripts on RHEL servers.

1. Launch ssh session to RHEL server, logon as root user and create a directory:
`mkdir /tmp/AvayaMS`
2. Copy the script using a file transfer utility (e.g. WinSCP) to the RHEL server. Make sure that the script is transferred in "Text mode".
3. Make script executable by running command: (example prepareForAAMS77migration.py):
`cd /tmp/AvayaMS`
`chmod +x prepareForAAMS77Migration.py`
4. Run the script by running command (example shows prepareForAAMS77migration.py):
`./prepareForAAMS77Migration.py`

Upgrading AMS 7.6 to AAMS 7.7 in-place on RHEL 6.x 64bit

This section details the procedure required to complete an in-place upgrade of an AMS 7.6 on RHEL 6.x 64bit OS to AAMS 7.7.

1. Copy and run the **prepareForAAMS77Migration.py** script to the AMS 7.6 RHEL server using procedure: [Scripts for Migrations and Upgrades](#)

2. At the **“Please Enter ACC SIP Domain”** prompt, enter the AACC SIP domain name.
3. Uninstall CCSA by running commands:

```
cd /opt/avaya  
./UninstallCCSA
```
4. At the **“Also remove Avaya Media Server”** prompt, answer ‘n’. Do not uninstall AMS software.
5. Locate the AAMS 7.7 Linux binary on the AACC 7.0 DVD: **MediaServer_7.7.0.269_2015.10.14.bin**
6. Copy this binary to the /tmp/AvayaMS directory on the RHEL server using WinSCP or equivalent. Make sure transfer is in Binary mode.
7. Run the binary by running commands:

```
cd /tmp/AvayaMS  
./MediaServer_7.7.0.269_2015.10.14.bin
```
8. At the **Upgrade** prompt, press Enter to accept the default selection.
9. Answer **y** to the License agreement and press Enter at the next **Upgrade** prompt.
The software upgrades to AAMS 7.7.0.269
10. Copy and run utility: **completeAAMS77Migration.py** to the RHEL server using procedure: [Scripts for Migrations and Upgrades](#)
The upgrade is complete and the AAMS Content Store now has the required content for AACC 7.0 operation.

AMS 7.5 or 7.6 Migrations to AAMS 7.7

AAMS 7.7 migration from previous AMS releases only supports migrations of the **“Application Content”** of the AMS database. It does not support **“System Configuration”**. Application Content refers to the Content Store contents of the AMS server. This includes all announcements and music.

AAMS 7.7 supports the following Application Content migrations:

- AMS 7.5 or 7.6 installed on RHEL 5.x or 6.x to AAMS 7.7 installed on RHEL 6.x 64bit OS (including AAMS 7.7 OVA).
- AMS 7.5 or 7.6 installed on Windows Server 2008 R2 to AAMS 7.7 installed on Windows Server 2012 R2.
- AMS 7.5 or 7.6 installed on Windows Server 2008 R2 to AAMS 7.7 installed on RHEL 6.x 64bit OS (including AAMS 7.7 OVA).
- AACC 6.4 AMS 7.6 OVA to AMS 7.7 OVA
- AACC 6.4 AMS 7.6 OVA to AMS 7.7 installed on RHEL 6.x 64bit OS (including AAMS 7.7 OVA).

The following procedure should be used for all migrations:

1. Locate and run script: prepareForAAMS77Migration.py (or .exe for windows) on the AMS 7.5 or AMS 7.6 RHEL or Windows Server 2008 R2.
2. On AMS Element Manager go to section: **Tools>>Backup and Restore>>Backup Tasks** and click **Add**.
3. Enter a name for this backup task.
4. Select **“Application Content”**.
5. Clear **“System Configuration”**.
6. Select **“Manually as needed”** and click **“Save”**.
7. In the Backup Tasks window, select the task and click **“Run Now”**

8. The **History Log** window appears. Wait until you see confirmation that backup task has completed.
9. The Content Store will be backed up to a zip file at location:
Windows: %MASHOME%\platdata\EAM\Backups
Linux: \$MASHOME/platdata/EAM/Backups
10. Copy this zip file to the new AAMS 7.7 server.
11. Open a terminal session (ssh for Linux and cmd prompt for windows) and run the following command (shown with example filename) to migrate the Content Store data to the AAMS 7.7 server:
amsupgrade taskname_hostname__2015_11_26_8_41_48.zip
12. On AAMS Element Manager, go to section: **Tools>>Media Management** and verify that a **streamsource** namespace exists with the music content groups and the **SIP domain** namespace exists with the locale, tones, prompts and music content groups.
13. Copy the **completeAAMS77Migration (.py or .exe)** to the AAMS 7.7 server and run this script. This script simply deletes any duplicate music content groups from the SIP domain namespace if they are already under the **streamsource** namespace.
14. Add this AAMS to CCMA Media Servers and services. If this AAMS is the Master Content Store, then tick this box in the Media Servers page. This will push down any default media files to the AAMS Content Store that are missing from the migration.
15. Carry out Post-Installation Configuration on AAMS 7.7 server.

Post Installation Configuration

Avaya Aura Media Server Clustering

Avaya Aura Media Server supports two types of clustering:

- Standard AAMS cluster (N+1 Cluster)
- High Availability AAMS Cluster Pair

These two cluster types are different configurations and cannot be combined.

Content Store Replication can be configured between clusters of the same type by selecting a Primary AMS server as the “Master Cluster Primary” and then configuring this IP Address into the “**Master Cluster Primary Node Address**” in Element Manager in Cluster Configuration >> Replication Settings.

Standard AAMS Cluster

A standard N+1 AAMS Cluster is a collection of up to eight AAMS servers. AACC will carry out Round Robin load balancing between all the AAMS servers in the cluster. Each AAMS server's IP Address in the cluster must be added to the Media Servers List and associated with the ACC_APP_ID service in CCMA. The Standard AAMS cluster must consist of a Primary and Secondary AAMS Server. Optionally up to six Standard AAMS servers can be added to the cluster. In an AACC environment, the only benefit of configuring this Cluster type over using stand-alone AAMS servers with Content Store Replication is that you also get Configuration replication.

High Availability AAMS Cluster Pair

A High Availability AAMS cluster is a collection of two AAMS servers consisting of a Red Hat Linux Primary and Backup AAMS server. This configuration provides uninterrupted availability of media processing in cases where a media server fails (also known as “Active Call Protection”). The HA cluster has a Service (Managed) IP Address that is entered into Media Servers List and associated with the

ACC_APP_ID service in CCMA. An AAMS HA cluster must not span a geographical location. Both Primary and Backup AAMS in a HA Cluster pair must be on the same local network.

Avaya Aura Media Server Configuration

The following configuration must be carried out on all AAMS servers.

1. Launch AAMS Element Manager and browse to **System Configuration >> Network Settings >> General Settings >> Connection Security**
2. Un-tick “**Verify Host Name**” setting and hit the “**Save**” button followed by “**Confirm**”.
3. If using TLS SRTP media security then skip to step 6.
4. Browse to: **System Configuration >> Media Processing>>Media Security**
5. Change **Security Policy** from **BEST EFFORT** to **SECURITY DISABLED** and hit the “**Save**” button.
6. Browse to **System Configuration >> Network Settings >> General Settings >> SOAP**
7. Add AACC IP Address into **SOAP Trusted Nodes**. If HA, add AACC Active, Standby and Managed IP Address.
8. Hit the “**Save**” button followed by “**Confirm**”
9. Browse to **System Configuration >> Signalling Protocols >> SIP >> Nodes and Routes**
10. Add AACC IP Address into **SIP Trusted Nodes**. If HA, add AACC Active, Standby and Managed IP Address.
11. Ensure that AAMS can resolve both the hostname and Fully Qualified Domain Name (FQDN) of the CCMA server by trying to ping the CCMA hostname or FQDN from the AAMS
Name resolution can be achieved either by using a DNS server or editing the hosts file on the AAMS. The AAMS OVA does not allow root ssh access, so the ability to edit the hosts file is provided in Element Manager: On EM navigate to **System Configuration > Network Settings > Name Resolution** and enter the IP address and hostname of the CCMA server. If the AAMS is installed on a customer built Red Hat server, then EM does not provide this functionality. In this case /etc/hosts file needs to be edited on the Red Hat server (e.g. using a ssh putty session) using the root account.

Avaya Aura Media Server Installed on Red Hat Enterprise Linux Servers

The following configuration must be carried out on all servers with AAMS installed on Red Hat Enterprise Linux Servers. Note: This configuration is **not** required for the AAMS OVA.

1. Install firewall (iptables) policy file and enable firewall
2. Create AAMS Element Manager User account Group: **susers** Account: **cust**
3. Configure and enable Network Time Protocol (NTP)
4. Install Access Security Gateway (ASG)

A RHEL shell script has been provided on the AACC DVD that applies all of the above configuration.

The script name is **sysconfig.sh** and is located at: **Install Software\AMS\Linux**

Run the following steps on PVI RHEL Installed AAMS servers (Not required for co-resident Windows or OVA)

1. Copy the following file from the AACC DVD to the /tmp directory on the AAMS server:
Install Software\AMS\Linux/sysconfig.sh
2. Log onto the AAMS server command line with root privileges (e.g. using putty), execute the following commands and then follow the prompts:
cd /tmp
chmod +x sysconfig.sh
./sysconfig.sh

Agent Greeting Recorder commissioning when CCMA deployed off-board

In AACC 7.0, the Agent Greeting recorder application is always installed on the AACC Tomcat server that is co-resident with CCMS. By default, it will assume that CCMA is also installed on the same host. In cases where the CCMA instance managing CCMS is hosted elsewhere, the Agent Greeting recorder needs to be made aware of the remote CCMA address in order to operate correctly.

Currently, there is no GUI mechanism for updating this Agent Greeting recorder configuration. To set the CCMA address, edit the following file and update the **ccma.address** entry from its default value of 127.0.0.1 to the appropriate IP address:

D:\Avaya\Contact Center\apache-tomcat\conf\agentgreeting.properties

CCMM Administration

Due to performance considerations for Avaya Agent Desktop 7.0, the interval value for *Agent Desktop Configuration -> User Settings -> Web Stats Refresh Interval* should be set to a *minimum* of 30 seconds. Note that the default and recommended interval time is 60 seconds.

ActiveX Controls.msi file update

Use the AACC 7.0 ActiveXControls.msi to distribute the CCMA ActiveX Controls to CCMA Client machines where the local user does not have permission to download ActiveX controls within Internet Explorer.

You only need to use this file if your contact center security policy does not allow all users to log on to the client PCs with administrator privileges. In this scenario, the automatic download process for the Contact Center Manager Administration controls will not function.

For those users who have a central management tool in their network, such as a Systems Management Server (SMS), Avaya bundled the required controls into a single file called ActiveX Controls.msi. The SMS server can be used to run this file and silently install all the required controls on all the SMS clients, regardless of the level of user who logs on to the PC.

The ActiveXControls.msi file can be found on the DVD at the following folder location
\\Install Software\\CCMA\\ActiveX Controls

Enterprise Web Chat – Server name change procedure: Additional steps when removing CCMM patches.

This section is only applicable to systems running Enterprise Web Chat (EWC). EWC is a licensed feature in AACC 7.0 offering an alternative to the traditionally available Web Communications. EWC uses a new chat engine and because of this additional steps are required when performing a server name change on the CCMM server. These steps are fully documented in the *Avaya Aura Contact Center Server Administration* document. In the event that CCMM patches are removed from the CCMM server after a server name change operation has occurred, it will be necessary to reapply the EWC specific name change steps again. These steps are outlined below and should be run after CCMM patches have been removed/re-applied.

Before you begin

Shut down the CCMM services using SCMU.

Procedure

1. Log on to the Multimedia Contact Server
2. Right-click Start.
3. Select Run.
4. Type cmd.
5. Click OK.
6. In the command line window, enter
`CD D:\Avaya\Contact Center\EnterpriseWebChat\eJabberd`
7. Enter `update_hostname.bat <CCMM_servername> where <CCMM_servername>` is the new Multimedia Contact Server name.
8. Restart the CCMM server to apply changes
9. Ensure CCMM services have started OR use SCMU to start CCMM services.

Agent Desktop Prerequisites

The following prerequisites are required for Agent Desktop on clients. Note: Administrative rights are required to install these prerequisites

- Microsoft .NET Framework 4.5.2 (DotNetFX452)
- Windows Installer 4.5 Redistributable (WindowsInstaller4_5)
- Microsoft Visual C++ 2005 Service Pack 1 Redistributable Package ATL Security Update (vcredist_x86)
- Microsoft Visual C++ 2008 Redistributable Package (x86) (vcredist90_x86)

These prerequisites are available on the AACC server <Application Drive>:\Avaya\Contact Center\Multimedia Server\Agent Desktop

Note: Microsoft .NET Framework 4.5.2 is cumulative with 4.5.1, 4.5 and 4.0. So when you install .Net Framework 4.5.2 you also have 4.0 and 4.5.

Agent Desktop and desktop virtualization

To support Agent Desktop on Citrix and desktop virtualization environment, users must select the “Enable Unsupported Client OS” through CCMM Administrations. Refer to documentation; Avaya Aura Contact Center Server Administration - Agent Desktop configuration - Configuring User Settings, for further details.

Multimedia Prerequisites for server migration

This is only applicable to users migrating to new AACC 7.0 servers and keeping the same server names:

- In this scenario users must select the same Multimedia Database Drive during the AACC 7.0 install as contained in Backup. If post install, users migrate a database backup from a previous version of AACS and the Multimedia Database drive defined in the backup does not match the Multimedia Database drive selected during the 7.0 install users will be unable to open attachments that were restored from the backup.

CCMA Historical Reporting

In Avaya Aura® Contact Center Release 7.0, the historical reporting presentation engine is Microsoft SQL Server Reporting Services (SSRS). Avaya Aura® Contact Center Release 7.0 retains the full set of historical report templates previously available.

Avaya Aura® Contact Center Release 7.0 supports exporting ad-hoc and scheduled reports to PDF, Microsoft Word and Microsoft Excel formats.

Avaya Aura® Contact Center Release 7.0 supports Report Creation Wizard (RCW), and customers can migrate existing RCW generated reports based on Crystal Reports to Avaya Aura® Contact Center Release 7.0 SSRS-based templates.

Custom reports built outside of RCW, for example using Crystal Designer, cannot be migrated to Avaya Aura® Contact Center Release 7.0. You can either manually recreate these custom reports in SSRS format, or use an external Crystal instance, which you provide, with the AACC database views.

Ad-hoc report export formats no longer supported

The following ad-hoc report export formats are no longer supported:

- Crystal Reports (RPT)
- Microsoft Excel Data Only
- Microsoft Word – Editable
- Rich Text Format (RTF)
- XML

Scheduled report export formats no longer supported

The following scheduled report export formats are no longer supported:

- Crystal Reports Format (*.rpt)
- Excel Data Only Format (*.xls)
- Editable Rich Text Format (*.rtf)
- Rich Text Format (*.rtf)
- XML Format (*.xml)
- Comma Separated Format (*.csv)
- Character Separated Format (*.csv)
- Tab Separated Format (*.tsv)
- Text Format (*.txt)
- HTML Format (*.html)
- HTML 4.0 Format (*.html)
- Record Style Format (*.rs)

Supported Aura Components

Avaya Aura Contact Center supports minimum versions of the following Avaya Aura components:

Avaya Aura Components	Release
Avaya Aura System Platform	6.2 FP4, 7.0
Avaya Aura Solution for Midsize Enterprise	6.2 FP4, 7.0
Avaya Aura Communication Manager	6.2 FP4, 7.0
Avaya Aura Application Enablement Services	6.2 FP4, 7.0
Avaya Aura System Manager	6.2 FP4, 7.0
Avaya Aura Session Manager	6.2 FP4, 7.0
Avaya Aura Presence Services	6.2.6, 7.0.0.1

SIP Networking Setup

Every node in a SIP networking configuration needs to have a unique HLOC which is used as a part of call id to generate unique call ids for the calls on different nodes. From this release onwards, AACC will internally generate a unique node Id. There is no additional configuration required for this. The HLOC will begin from 10001. This is not applicable to non-networking setup.

Localization

Avaya Aura Contact Center 7.0 Avaya Agent Desktop (AAD), Outbound Campaign Management Tool (OCMT), Contact Center Manager Administration (CCMA) and Web Agent Controls UI and online Help is localized into French, German, LA Spanish, Simplified Chinese, Brazilian Portuguese, Russian, Japanese, Traditional Chinese, Korean and Italian.

Overview of AACC 7.0 I18N and L10N Products & Components

Components that are used by Contact Center agents or by Contact Center supervisors performing non-specialized functions are localized.

Interfaces to support administration or specialized functions (for example, creating routing applications) are not localized.

The following table lists all AACC 7.0 products and components in relation to Internationalization and Localization:

AACC 7.0 Products	Component	International OS Support? Yes/ No	Localized? Yes/No	Comments
CCMS	All components	Yes	No	
CCT	Web Agent Controls	Yes	Yes	
	Web Agent Controls online help	Yes	Yes	

AACC 7.0 Products	Component	International OS Support? Yes/ No	Localized? Yes/No	Comments
	All other components	Yes	No	
Server Utility	All components	Yes	No	
License Manager	All components	Yes	No	
Web Collaboration	All components	Yes	n/a	
CCMA	Server Components	Yes	No	Only Administration users work with Server Components.
CCMA	Contact Center Management	Yes	Yes	
CCMA	Access and Partition Management	Yes	Yes	
CCMA	Real-Time Reporting	Yes	Yes	
CCMA	Historical Reporting	Yes	Yes	
CCMA	Configuration	Yes	Yes	
CCMA	Emergency Help	Yes	Yes	
CCMA	Outbound	Yes	Yes	
CCMA	Historical Report Templates	Yes	Yes	
CCMA	Agent Desktop Display	Yes	Yes	
CCMA	Online Help	Yes	Yes	
CCMA	Orchestration Designer (OD)	Yes	No	The target audience of the Localization effort (call center agents and supervisors) do not use the OD tool.
CCMA	Configuration Tool	Yes	No	Only administrators use the Configuration Tool.
CCMA	Element Manager	Yes	No	Login page is localized.
CCMM	Server Components	Yes	No	
CCMM	AAD Client	Yes	Yes	
CCMM	AAD online Help	Yes	Yes	
CCMM	OCMT Client	Yes	Yes	
CCMM	OCMT online Help	Yes	Yes	

Software

Supported operating systems

A language patch contains all supported languages. For CCMA, only languages that are appropriate to the local operating system of the server can be enabled. For example, you can enable the simplified Chinese language on a simplified Chinese OS, however you cannot enable German on a simplified Chinese OS.

The following language operating systems support Contact Center Manager Server (CCMS), Communication Control Toolkit (CCT), Contact Center Manager Administrator (CCMA) Server, Contact Center Multimedia (CCMM) Server, License Manager (CCLM) and Server Utility (CCSU) co-resident:

Supported Language OS	Languages									
	ZH-CN	FR	ES	DE	PT-BR	JA	ZH-TW	RU	KO	IT
Windows Server 2012 R2 Standard (64-bit Edition)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Windows Server 2012 R2 Data Center (64-bit Edition)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Localized Components (CCMA and CCMM)

The following table lists the compatibility between the CCMA language patch and the operating system language family. Only compatible languages can be enabled on the CCMA server

		Supported CCMA Languages									
		FR	DE	ES	PT-BR	IT	ZH-CN	ZH-TW	JA	RU	KO
OS Language	English	Y	Y	Y	Y	Y	N	N	N	N	N
	Any 1 Latin1 language	Y	Y	Y	Y	Y	N	N	N	N	N
	Simplified Chinese	N	N	N	N	N	Y	N	N	N	N
	Trad. Chinese	N	N	N	N	N	N	Y	N	N	N
	Japanese	N	N	N	N	N	N	N	Y	N	N
	Russian	N	N	N	N	N	N	N	N	Y	N
	Korean	N	N	N	N	N	N	N	N	N	Y

The following table lists the compatibility between the CCMM language patch and the server operating system language family.

Server OS Language		Language Patch Supported
	English	Y
	Any 1 Latin1 language	Y
	Simplified Chinese	Y
	Trad. Chinese	Y
	Japanese	Y
	Russian	Y
	Korean	Y

Language specific support and configuration

NB: The local language operating system for example French should be a full language operating system (installed from the language DVD/CD) rather than as an OS language patch on top of an English operating system install, for example English Windows 2012 with Microsoft French language patch installed.

Support of CCMA Client

Language	CCMA Client
French	Supported on Internet Explorer 10 and 11, Browser's Language Preference set to fr-FR. CCMA will be displayed in French if the French language patch is installed on the server, otherwise it will appear in English.
German	Supported on Internet Explorer 10 and 11, Browser's Language Preference set to de-DE. CCMA will be displayed in German if the German language patch is installed on the server, otherwise it will appear in English.
LA Spanish	Supported on Internet Explorer 10 and 11, Browser's Language Preference set to es-CO. CCMA will be displayed in Spanish if the Spanish language patch is installed on the server, otherwise it will appear in English.
Simplified Chinese	Supported on Internet Explorer 10 and 11, Browser's Language Preference set to zh-CN. CCMA will be displayed in Simplified Chinese if the Simplified Chinese language patch is installed on the server, otherwise it will appear in English.
Brazilian Portuguese	Supported on Internet Explorer 10 and 11, Browser's Language Preference set to pt-BR. CCMA will be displayed in Brazilian Portuguese if the Brazilian Portuguese language patch is installed on the server, otherwise it will appear in English.
Russian	Supported on Internet Explorer 10 and 11, Browser's Language Preference set to ru-RU. CCMA will be displayed in Russian if the Russian language patch is installed on the server, otherwise it will appear in English.
Italian	Supported on Internet Explorer 10 and 11, Browser's Language Preference set to it-IT. CCMA will be displayed in Italian if the Italian language patch is installed on the server, otherwise it will appear in English.
Japanese	Supported on Internet Explorer 10 and 11, Browser's Language Preference set to ja-JP. CCMA will be displayed in Japanese if the Japanese language patch is installed on the server, otherwise it will appear in English.
Traditional Chinese	Supported on Internet Explorer 10 and 11, Browser's Language Preference set to zh-tw. CCMA will be displayed in Traditional Chinese if the Traditional Chinese language patch is installed on the server, otherwise it will appear in English.
Korean	Supported on Internet Explorer 10 and 11, Browser's Language Preference set to ko-KR. CCMA will be displayed in Korean if the Korean language patch is installed on the server, otherwise it will appear in English.

Support of CCMM Client

Language	CCMM Client
French	Supported on French Windows 7, 8.1 and 10
German	Supported on German Windows 7, 8.1 and 10
LA Spanish	Supported on LA Spanish Windows 7, 8.1 and 10
Simplified Chinese	Supported on Simplified Chinese Windows 7, 8.1 and 10

Brazilian Portuguese	Supported on Brazilian Portuguese Windows 7, 8.1 and 10
Russian	Supported on Russian Windows 7, 8.1 and 10
Italian	Supported on Italian Windows 7, 8.1 and 10
Japanese	Supported on Japanese Windows 7, 8.1 and 10
Traditional Chinese	Supported on Traditional Chinese Windows 7, 8.1 and 10
Korean	Supported on Korean Windows 7, 8.1 and 10

Support of CCMM Server and Configuration Notes

CCMM server / Regional Options Configuration

Language	CCMM Server
French	CCMM Server installed on French 2012. Regional option default (French)
German	CCMM Server installed on German 2012. Regional option default (German)
LA Spanish	CCMM Server installed on Spanish 2012. Regional option default (Spanish)
Simplified Chinese	CCMM Server installed on Simplified Chinese 2012. Regional option default (Simplified Chinese)
Brazilian Portuguese	CCMM Server installed on Brazilian Portuguese 2012. Regional option default (Brazilian Portuguese)
Russian	CCMM Server installed on Russian 2012. Regional option default (Russian)
Italian	CCMM Server installed on Italian 2012. Regional option default (Italian)
Japanese	CCMM Server installed on Japanese 2012 Regional option default (Japanese)
Traditional Chinese	CCMM Server installed on Traditional Chinese 2012. Regional option default (Traditional Chinese)
Korean	CCMM Server installed on Korean 2012. Regional option default (Korean)

Enable email analyzer

Language	Email Analyzer
French	Change default SimpleAnalyzer to FrenchAnalyzer
German	Change default SimpleAnalyzer to GermanAnalyzer
LA Spanish	Change default SimpleAnalyzer to AlphanumericAnalyzer
Simplified Chinese	Change default SimpleAnalyzer to ChineseAnalyzer
Brazilian Portuguese	Change default SimpleAnalyzer to BrazilianAnalyzer
Russian	Change default SimpleAnalyzer to RussianAnalyzer
Italian	Change default SimpleAnalyzer to ItalianAnalyzer
Traditional Chinese	Change default SimpleAnalyzer to ChineseAnalyzer
Japanese	Change default SimpleAnalyzer to CJKAnalyzer
Korean	Change default SimpleAnalyzer to CJKAnalyzer

See French as an example:

An English email analyzer (AlphanumericAnalyzer) is enabled by default for keyword analysis of English Latin-1 character sets on the CCMM server. A FrenchAnalyzer should be specified for French.

The *mailservice.properties* file on the CCMM Server specifies what analyzer is used and lists all supported analyzers in the comments.

Action needed: Update *mailservice.properties* file on the CCMM server to enable the email analyzer for French:

1. Stop the **CCMM Email Manager** service on the server.
2. Navigate to D:\Avaya\Contact Center\Multimedia Server\Server Applications\EMAIL.
3. Open *mailservice.properties*.
4. Change the properties of the file from read only to write available.
5. In the <box> search for the line *mail.analyzer=AlphanumericAnalyzer*.
6. Change *mail.analyzer=AlphanumericAnalyzer* to *mail.analyzer=FrenchAnalyzer*.
7. Start the CCMM Email Manager service on the server.

The keyword is used correctly for routing email messages with a French string.

Wildcard use (Asian), Limitation 1 – Single Byte Routing

NB: The following wildcard limitation applies to Asian languages only

Again, using Simplified Chinese is used as an example, but all Asian languages using double byte will apply;

To route a single byte keyword, you must save the keyword as DOUBLE byte on the server.

There is a limitation when enabling the email analyzer to Japanese (CJKAnalyzer).

This is a limitation of the creator of the analyzer, Lucene.

A problem arises ONLY when using SINGLE BYTE characters in the keyword, double byte routes successfully.

To route a single byte keyword, you must save the keyword as DOUBLE byte on the server.

There are no new files needed for this workaround.

Action: The workaround is to add DOUBLE byte keywords to route both single and double byte successfully.

If you wish to route a single byte keyword to a skillset, you must setup the keyword in DOUBLE byte.

For example to route the single byte keyword コプタ to a skillset called EM_Test do the following.

1) Create a DOUBLE byte keyword

- In the Multimedia Administrator, click the plus sign (+) next to Contact Center Multimedia, click the plus sign next to E-mail Administration, and then double-click Keyword Groups.
 - The Keyword Groups window appears.
 - To create a new keyword group, click New.
 - In the Name box, type a unique name for the keyword group (maximum 64 characters. This NAME must be in English). E.g. "DoubleByteCoputa"
 - In the Keyword box, type the word (in DOUBLE byte) you will be searching for. E.g. "コプタ" Click Add.
- The keyword is added to the list, and the keyword group is created. Click Save.

2) Create a Rule to route the keyword to a skillset

- Start the Rule Configuration Wizard.
- On the Rule Configuration Wizard – Input Criteria window, under Available Keyword Groups, select a keyword group you want to use for this rule. E.g. "DoubleByteCoputa"

- Click the black arrow to insert the keyword group name into the selection box.
- Click Next.
- In the Rule box, type the name for your rule. E.g. “DoubleByteCoputaRule”
- In the Skillset box, select a skillset for your rule. . E.g. “EM_Test”
- Click Save.
- Click Finish. Your rule is created with the keyword group.

3) Send in an email with the SINGLE byte word コプタ.

The single byte keyword now routes successfully to the EM_Test skillset.

** Note this also applies when using wildcards in keywords.

Wildcard use (Asian), Limitation 2 – Wildcard * and ? string position

NB: The following wildcard limitation applies to Asian languages only

Wildcard ‘?’ or ‘*’ can only be used at the end of a keyword in a Japanese environment.

When using the wildcard ‘*’ or ‘?’ , it can only be used at the end of a string

for example:

たば* = ok

た*た = no

Note:

To route the wildcard keyword successfully, the ‘*’ can be entered in either full-width or half width.

The ‘?’ can be entered in full-width only

Email Domain Names (Asian)

NB: The following applies to Asian languages only

Using Japanese as an example:

Internationalized Domain Names are defined by RFC 3490. They can include glyphs from East Asian languages. The take-up on these domain names has been low to date – mostly because of the dangers of ‘phishing’ sites (an email with a link to www.aib.ie in an email might point you to a site that has the “i” and a “b” in the domain but some other glyph resembling an “a”).

W3C have identified a means of using ‘punycode’ to implement IDNs – this basically provides an ASCII equivalent to the domain name. Normally, the client (web browser or email client) accepts the IDN in native characters and converts it to ‘punycode’ e.g. xn-jp-cd2fp15c@xn--fsq.com . The receiving client will identify the sender as being a punycode’ string and resolve to the native characters. CCMM can support IDNs by having the user enter a punycode’ email address directly. The receiving client will be capable of rendering the native characters.

CCMM friendly display names

Display names are referred to in the CCMM Server online Help in section **Creating or changing a recipient**, section 99. In the Display Name box, type the friendly name you want to appear in the e-mail From address (for example, Customer Support). You must enter a display name for each mailbox. In response to the case reported above, the Internet Standard IETF RFC 1036, Section 2.1, permits only ASCII characters in the display name.

Some email vendors, such as MS Outlook, included, invalidly permit double-byte display names which are contrary to the Internet Standard. CCMM has always strictly adhered to the Internet Standard and handles only ASCII characters.

Logging on to Contact Center Manager Administration

Log on to Contact Center Manager Administration to access the application and administer the contact center.

Enabling languages

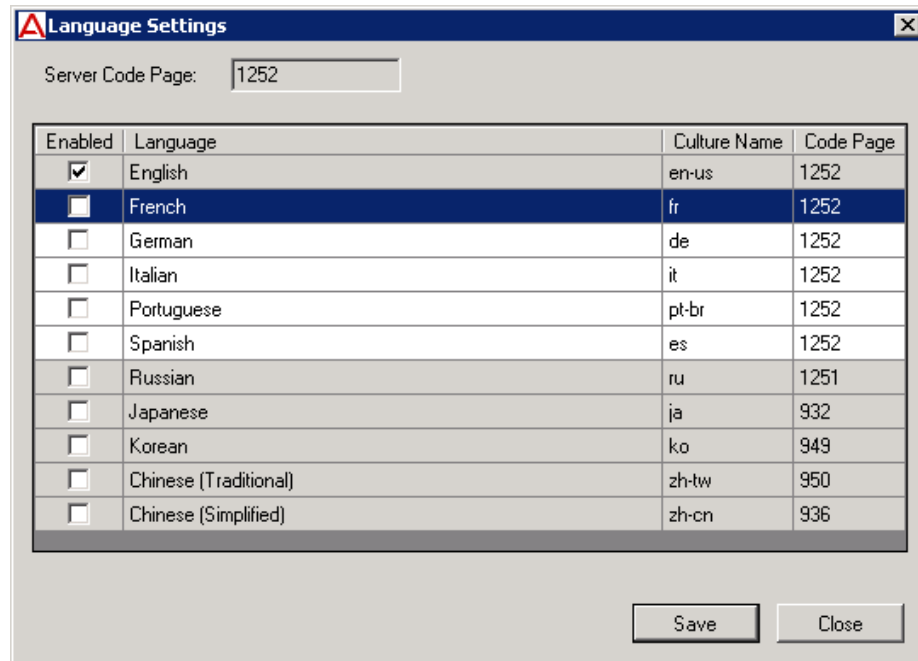
The customer can no longer decide if a language should be installed, a new CCMA Configuration utility was added to enable a language.

The Language Settings utility is accessed from the CCMA Configuration screen.



Once the Service Pack including languages is installed, all localized languages will appear in the CCMA Language Settings application. Only languages matching the current server code page can be enabled, others are disabled. English is always enabled and cannot be disabled

The utility supports multiple row selection and space bar toggling of enabled checkbox. To quickly enable or disable all supported languages, press [Ctrl] + A, then press space bar.



Note: If server code page changes, previously enabled languages can still be changed. User should disable the languages not supported. CCMA will only use languages if code page matches.

Procedure steps

Note:

To launch CCMA in a local language (French for example):

- Install the Service Pack on the CCMA server and enable French language as described in section 5.1.
- From a French client PC, start Internet Explorer to connect to the CCMA server.

If you wish to launch CCMA in a local language (French for example) BUT THE CLIENT OPERATING SYSTEM IS ENGLISH,

- Install the Service Pack on the CCMA server.
- From a English client PC, change the browser language to French in the internet options, using the following steps.
 1. Launch Internet Explorer.
 2. In Internet Explorer, click Tools → Internet Options.
Result: The Internet Options window appears.
 3. Click **Languages**.
Result: The Language Preferences window appears.
Verify that the language you want to use appears in the Language box. E.g. French [France] [fr],
 4. If the language does not appear in the box, then you must add it as follows:
 - a. Click **Add**.
Result: The Add Language window appears.
 - b. From the list of languages, click the appropriate language, and then click **OK**.
Result: The language now appears in the Language Preferences window.
 - c. Proceed with the next step to move the language to the top of the box.

5. If the language you want to use appears in the box, then you must move it to the top of the list as follows:
 - a. In the Language box, click the appropriate language.
 - b. Click **Move Up** until the language appears at the top of the box.
 - c. Click **OK** to close the Language Preferences window.
6. Click **OK** to close the Internet Options window.
7. In the Address box, type the URL of the Contact Center Manager Administration server. The default URL is `http://<server name>:81`, where <server name> is the computer name of the Contact Center Manager Administration server.

Attention: Do not type the IP address in the Address box. Using the IP address results in problems with Scripting, Historical Reporting, Configuration, Contact Center Management, and Access and Partition Management.
8. In the **User ID** box, type your user ID.
9. In the **Password** box, type your password.
10. Click **Login**.

Start Localized AAD Client

Pre-installation steps

Information on how to start AAD (Only when a language patch installed)

NOTE:

To start AAD in a local language (French for example);

- From a French client PC, start AAD.

If you wish to launch CCMM in a local language (French for example) BUT THE CLIENT OPERATING SYSTEM IS ENGLISH,

- Change the default language in the regional language options to French.

Make sure that no Agent Desktop Client is installed on the desktop and the .Net cache is clear after uninstalling previous versions of Agent Desktop Client. See below, “Emptying the .Net cache on the client PC running AAD and OCMT,” for steps to clear the .Net cache. Procedures such as uninstalling application and flushing out the .Net cache require administrator rights.

Installing the Agent Desktop Client

Install the Agent Desktop if you are launching the application for the first time or if you are launching the application following installation of an upgrade or a patch.

Prerequisites

- Ensure that the administrator has configured your Windows User ID in CCT and that you have a valid User ID, Password, and Domain for use with Contact Center Agent Desktop.

Procedure steps

1. In Windows Explorer or Internet Explorer, enter the HTTP address (URL). The correct URL format is **`http://<Contact Center Multimedia servername>/agentdesktop/LANGUAGE CODE*`**
Using French as an example, the URL is <http://ccmmservername/agentdesktop/fr>
If using English, URL is **`http://<Contact Center Multimedia servername>/agentdesktop`**.
2. Click Launch AAD.
3. Click Install.

Starting the Agent Desktop Client

Start the Agent Desktop when you are ready to view the application.

- Ensure that you install Avaya Agent Desktop.
- Ensure that the administrator configures your Windows User ID in CCT and that you have a valid User ID, Password, and Domain for use with Contact Center Agent Desktop.

Procedure steps

1. In Windows Explorer or Internet Explorer, enter the HTTP address (URL). The correct URL format is **http://<Contact Center Multimedia servername>/agentdesktop/LANGUAGE CODE***
Using French as an example, the URL is **http://ccmmservername/agentdesktop/fr**
If using English, URL is **http://<Contact Center Multimedia servername>/agentdesktop**.
2. Click Launch AAD on the web page.
or
Click Windows Start, All Programs, Avaya, Avaya Aura Agent Desktop 6.0.
The Agent Desktop toolbar appears. If a CCT Connection Failure message appears, your Windows User ID is not configured on CCT. Click Retry to enter valid User Credentials or click Cancel to exit the application.

* Applicable LANGUAGE CODEs to be used are:

- French = fr
- German = de
- LA Spanish = es
- Simplified Chinese = zh-cn
- Brazilian Portuguese = pt-br
- Russian = ru
- Italian = it

Start OCMT Client

Pre-installation steps

Information on how to start OCMT (Only when a language patch installed)

NOTE:

To launch CCMM in a local language (French for example);

- Install the French language patch on the CCMM server.
- From a French client PC, launch OCMT.

If you wish to start OCMT in a local language (French for example) BUT THE CLIENT OPERATING SYSTEM IS ENGLISH,

- Install the French language patch on the CCMM server.
- Change the default language, in the regional language options, to French.

Make sure that no OCMT Client is installed on the desktop and the .Net cache is clear after uninstalling previous versions of OCMT Client. See section, "Emptying the .Net cache on the client PC running AAD and OCMT," for steps to clear the .Net cache. Procedures such as uninstalling application and emptying the .Net cache require administrator rights.

Logging on to the Outbound Campaign Management Tool

Log on to the Outbound Campaign Management Tool in the Contact Center Manager Administration application to open the application to configure, monitor, and maintain an outbound contact campaign.

Prerequisites

- Ensure that your contact center is licensed for outbound campaigns.
- Ensure that you have a Contact Center Manager Administration user name and password.

Procedure steps

1. Log on to Contact Center Manager Administration.
2. On the Launchpad, click Outbound.
3. In the left pane, select a Contact Center Multimedia server.
The translated Outbound Campaign Management Tool window appears.

Detecting latest Language files

In case that client runs the English AAD and OCMT applications and does not pick up the language files. The client has previously launched English-only AAD and OCMT applications from the server and these files are now stored in the GAC (.Net cache) on the client PC. The .Net cache (GAC) therefore, needs to be emptied on the client PC so the latest English and language files can be taken from the server.

Note: If you install an updated Service pack or Design patch, the client still runs applications with cached language files. The .Net cache (GAC) must be emptied, so the latest language files can be taken from the server.

Emptying the .Net cache on the client PC running AAD and OCMT

Procedures such as uninstalling application and emptying the .Net cache require administrator rights.

1. Close AAD and OCMT.
2. Click Add/Remove Programs.
3. Remove Avaya/Avaya Agent Desktop 6.0.
4. Navigate to *C:\Documents and Setting\USERNAME\local settings\apps*.
5. Delete the 2.0 folder.
6. *Note:* This folder may be hidden. If so, open Windows Explorer and click on Tools, Folder options. Choose the View tab. Under Files and folders or Hidden files and folders, choose to show hidden files and folders. Click Apply and click OK.
7. Start AAD to download the latest AAD files from the CCMM server.
8. Start OCMT from CCMA to download the latest OCMT files from the CCMM server.

Comments on Translations

French

Translation of the software attempts to find terms that are acceptable to both Canadian and European French speakers. Some translations are different from the terms usually used in your region.

German

No special comments.

Latin American Spanish

Translation of the Software attempts to find terms that will be acceptable to both Latin American and European Spanish speakers. This may result in some translations being different from the terms usually used in your region.

Simplified Chinese

No special comments.

Brazilian Portuguese

No special comments.

Russian

No special comments.

Italian

No special comments.

Known Issues

Hardware Appliance

None

Software Appliance

None

Application\Features

Potential for Agents to be prompted multiple times with security warnings when viewing inline attachments in an email with out of the box certificates

Tracking Number	CC-3686
Application	Agent Desktop
Description	If a customer site has security enabled but has not yet substituted an official certificate with the out of the box certificate, then for the first email received by an Agent which contains inline images, the Agent will be prompted with a security warning for each image, prompting the Agent to install the certificate.
Impact	For the first email received by the Agent with inline attachments the Agent will be forced to accept a server certificate for each image. The Agent will not be prompted for subsequent emails unless Agent Desktop is restarted.
Workaround	Navigate to the Start Menu->Control Panel and open "Internet Options" under "Network and Internet". Click on the Advanced tab and scroll down to the setting "Warn about certificate address mismatch". Uncheck this checkbox

Remote desktop connection fails due to service stuck in starting

Tracking Number	CC-2435
Application	Windows Server 2012 R2
Description	Under certain error conditions, i.e. misconfiguration, some AACC services will not complete startup. While in this error state remote desktop connection logins and local console logins can fail with a "please wait" message.
Impact	Inability to login through RDC of local console to AACC server.
Workaround	If this error condition is experienced a connection to the console should be attempted. In the case of a physical sever deployment this would be the physical keyboard and monitor connection to the server. In the case of virtualized environments the equivalent to the physical console should be used. If a connection is successful on the console the service which is stuck in starting should be identified and normal trouble shooting performed to determine why the service is not completing startup.

Solution	If the connection to the console is not successful a power cycle of the server will be required. A connection should be attempted, either through the console or through RDC, as soon as possible after the power cycle is performed.
	This issue is resolved by applying the following Microsoft fix (KB3100956) mentioned in the Microsoft Operating System Updates section.

AAMS Migration: AAMS is not licensed after AAMS 7.7 -> AAMS 7.7 Migration

Tracking Number	CC-4639 and CC-4765
Application	AAMS
Description	After migrating AAMS 7.7 to a new server, after the migration, the AAMS is not licensed by AACC License Manager.
Impact	“Media Server Instance is not licensed” Alarm will appear on AAMS and no voice calls will be anchored on AAMS.
Workaround	Follow this procedure: 1. On AAMS Element Manager go to: Licensing>>General Settings 2. Hit the “Restore Defaults” button followed by “Confirm”. 3. Restart AACC License Manager.

AMS 7.5 Linux Migration: prepareForAAMS77Migration does not run on AACC 6.3 (AMS 7.5) systems

Tracking Number	CC-5117
Application	AAMS
Description	prepareForAAMS77Migration.py (7.0.0.4) python script does not run on AACC 6.3 AMS 7.5 Linux Systems. It reports the error: "ERROR: AMS Version is . This Utility can only be run on 7.5 or 7.6 AMS systems. Exiting."
Impact	AMS 7.5 Application content will not have been prepared for AAMS77 migration meaning the music content in the content groups will not have been copied to the streamsource namespace and the canned prompts in the file system would not have been copied to the AAMS Content Store.
Workaround	The GA Patch bundle contains a working version of this utility in directory (7.0.0.5): \\Install Software\AMS\Windows \\Install Software\AMS \AMS\Linux

Some fields are not aligned when Agent Performance report exported to .pdf file,

Tracking Number	CC-3856
Application	Contact Center Manager Administration
Description	AACC7.0 HR- Export Agent Performance report to .pdf file, some fields are not aligned
Impact	A number of reports within AACC are larger than a standard A4 page and as a result appear misaligned when exported to pdf. They also span pages when printed.
Workaround	None

Page Range not supported when saving historical reports in PDF format

Tracking Number	CC-5051
Application	Contact Center Manager Administration
Description	When saving a historical report to a pdf file, it was previously possible to save a range of pages. This functionality is no longer available with the AACC 7.0 reporting solution.
Impact	All pages will be saved to the pdf file. This is now normal operation for the underlying reporting system.
Workaround	None

Report Creation Wizard – Some sample reports do not work

Tracking Number	CC-5035
Application	Contact Center Manager Administration
Description	The following sample reports do not work in this release: BillingByAddress SkillsetOutboundDetails Voice Skillset Name ID Mapping Network Consolidated Skillset Performance ICPCSRSample MMCSRStat
Impact	These samples cannot be used as a starting point for new reports
Workaround	None

Report Creation Wizard – Migrated reports show white space where custom formulas previously existed

Tracking Number	CC-4903
Application	Contact Center Manager Administration
Description	When RCW generated reports are migrated from a previous release, custom formulas will be lost as these cannot be automatically migrated. This results in blank space on the reports.
Impact	The custom formula definition is missing from the report
Workaround	Create the missing formula in RCW and add it to the report.

Report Creation Wizard – Column headers do not repeat on every page

Tracking Number	CC-4854
Application	Contact Center Manager Administration
Description	Column headers do not repeat on new page unless the first row of data is the start of a group.
Impact	Column headers may be missing from pages.
Workaround	None

Popup window appears when launching OD for first time on server

Tracking Number	CC-4916
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Application	Contact Center Manager Administration
Description	An information window appears with details about the “ComponentOne TrueDB Grid Pro 8” software the first time Orchestration Designer is launched on the server.
Impact	This window can be closed and ignored.
Workaround	Close the popup window.

Unable to login to CCMA after migrating the NES6 data

Tracking Number	CC-6779
Application	Contact Center Manager Administration
Description	When migrating from NES6 to 7.0 AACC, if the NES6 backup database also has "AgentGreetingUser", the migration function will be failed. It said that "The object already exists.". It results in the "AgentGreetingUser" user is not converted completely.
Impact	CCMA Migration
Workaround	Users need to modify the “AgentGreetingUser” account prior to taking the NES CCMA backup. That step prevents conflict when “AgentGreetingUser” account is installed during the migration. Users need to check their account with the “AgentGreetingUser” account name. If it is existed, their name needs to be modified before taking the NES CCMA backup.

SIP Networking, LNI (Local Node Inclusion) configuration changes do not take effect until ASM is restarted.

Tracking Number	CC-5137
Application	Contact Center Manager Server
Description	When using SIP Networking, LNI (Local Node Inclusion) configuration changes do not take effect until ASM is restarted.
Impact	Calls are distributed but the LNI distribution will not be enforced.
Workaround	Restart the Contact Center.

Installing CCMS Patch on a very large database can take 20+ minutes

Tracking Number	CC-5140
Application	Contact Center Manager Server
Description	Installing CCMS Database Patch on a very large database can take up to 23 minutes. This is due to re-indexing of the CCMS database tables with large volume of data in the order of few million rows.
Impact	Longer CCMS patch install time.
Workaround	None

CS1000 - Incorrect Calling Number Displayed on Refclient after completion of transfer

Tracking Number	wi01233394
Application	Communication Control Toolkit
Description	1) Customer calls into contact center. 2) Call is answered by a User/Extn who is not controlled by AACC. 3) User performs a supervised transfer of customer call to CDN. 4) Transfer call is routed to an agent. 5) Agent answers the call. 6) User completes the transfer.
Impact	The calling number displayed on the Refclient and Softphone should be the customer calling number. Instead Softphone displays the customer calling number, Refclient still shows the User number even after the transfer is completed. After transfer completion the calling number available to CCT clients is incorrect. Third party CCT clients which rely on this information may be impacted. Please note this issue is only seen on CS1000 platforms.
Workaround	None

Enterprise Web Chat – Intermittently some messages may be delayed by 10 seconds and joining a room could fail

Tracking Number	ASSISTCHAT-1408
Application	Tomcat & Enterprise Web Chat
Description	A workaround implemented by EWC for Tomcat bug# 58624 may cause some messages to be delayed by 10 seconds and cause some join room requests to fail.
Impact	This issue is intermittent and expected to occur very infrequently. In a scenario where the issue occurs, a very small proportion of chat messages will be delayed OR new chat participants (agents/supervisors/customers) may be unable to join the chat room.
Workaround	None

Enterprise Web Chat – Sessions closed while sending messages may not close

Tracking Number	ASSISTCHAT-1407
Application	Tomcat & Enterprise Web Chat
Description	When a WebSocket connection is closed while the Agent Controller or Customer Controller is processing a message, the controller may not be notified that the connection has been closed. This issue could be seen if the customer application OR agent application (Custom Desktop) terminates unexpectedly, immediately after an 'agent Login' request OR 'Queue Status' request is sent. Other requests are less likely to produce this issue.
Impact	The Agent Controller / Customer Controller will not detect that the session has closed.

Workaround	An affected agent may not be able to login until Tomcat is restarted. There is a small memory leak associated with this issue.
	None

Enterprise Web Chat – Remote Geographic Node, Manually set CCMM server name in Custom Desktop when connecting to RGN

Tracking Number	ASSISTCHAT-1285
Application Description	HA + RGN / Reference Custom Desktop
Impact	The Reference custom desktop supports additional connection fields to allow the Desktop to login to an RGN server in the event of a Full Campus outage and transition to the RGN server. This was intended to remove the need to reconfigure the CCMM server settings when the agent needs to logout of the Campus and login to the RGN. Affected parameters: <RGNWebSocket> <RGNMMServer>
	The reference agent desktop will not automatically connect to the alternative CCMM server (web socket connection) when logging into and RGN server.
Workaround	Workaround is to manually set the following fields in Custom Desktop after moving to RGN:<DefaultMMServer> & <WebSocketURL> Note: RGN alternative CCT server functions correctly.

Enterprise Web Chat – HA: Agent can type and send messages for a brief window at start of a manual switchover of CCMM

Tracking Number	ASSISTCHAT-1266
Application Description	Agent Desktop Reference Client & High Availability
Impact	When performing a manual switchover on the Multimedia AACC server, there is a 20 second window in which the Agent can continue to type and attempt to send messages. When the Agent tries to send the message, a dialog box is displayed stating; "500 - Internal server error".
	This does not have an effect on the overall chat. Once the switchover is complete the chat can continue as normal.
Workaround	None

Max Open Duration setting cannot function longer than 2 hours

Tracking Number	CC-6289
Application Description	Contact Center Manager Server
Steps to reproduce:	1. Launch CCMM Admin/Agent Desktop Configuration/General Settings, set Open Duration to value greater than 2 hours.
	2. Launch AAD, login an agent, accept some MM contacts (VM, Fax ...) and

Impact Workaround	wait more than 2hours Expected result: Agent is able to active the contacts for the length of time set in step 1 without any problem Actual Result: After having been active on the contact for more than 2hrs, the agent is auto logged out with the message "You have been logged out of Agent Desktop while a contact is Open. Please finish this contact before you login again"
	Unable to have a max open duration function longer than 2 hours.
	The following two files need to be updated: D:\Avaya\Contact Center\Common Components\CMF\CmfProperties.xml D:\Avaya\Contact Center\Common Components\CMF\CmfProperties.xml.ftl This value in each file: <AgentFailureAfterAnswerTimeout>7500000</AgentFailureAfterAnswerTimeout> Should be updated to: <AgentFailureAfterAnswerTimeout>86400000</AgentFailureAfterAnswerTimeout> After making this update a restart of Contact Center is required. If the workaround above has been applied it may need to be applied again after installing or removing a CCCC patch or service pack.

Cannot send SNMP Traps to NMS server because SNMP Service is not running

Tracking Number	CC-7163
Application	Events & SNMP Service
Description	A manual configuration procedure must be executed on an Avaya Aura Contact Center (AACC) 7.0 or Avaya Contact Center Select (ACCS) 7.0 server after installing the windows 2012 operating system software but BEFORE installing the AACC 7.0 or ACCS 7.0 application software. The manual procedure will install and start the SNMP Service service and must be executed if the customer wants SNMP traps to be sent to the Network Management System (NMS) to report failure and/or notification events.
Impact	Failure to execute this manual procedure before installing the AACC 7.0 or ACCS 7.0 application software will result in an inability to forward installation related SNMP traps to the NMS server.
Workaround	<u>Manual Procedure</u> 1. Log on to the AACC 7.0 or ACCS 7.0 Microsoft Windows 2012 server as Administrator. 2. Launch the Server Manager. 3. Select Manage menu & click Add Roles and Features. 4. Add Roles and Features Wizard is launched

5. On **Before You Begin** tab, click **Next**.
6. On **Installation Type** tab, click **Next**.
7. On **Server Selection** tab, select the AACC 7.0 server from the server pool & click **Next**.
8. On **Server Roles** tab, accept the default settings & click **Next**.
9. On **Features** tab, select the SNMP Service feature check box.
10. On **Add features that are required for SNMP Service** window, click **Add Features** to add the SNMP Tools required to manage the SNMP service.
11. On **Features** tab, click **Next**.
12. On **Confirmation** tab, click **Install** after confirming that SNMP Service and SNMP Tools are listed for installation.
13. On **Results** tab, click **Close** once the installation has completed successfully.
14. Verify the **SNMP Service** service is running on the Services Administrative Tool.
15. Proceed with the AACC 7.0 or ACCS 7.0 application software deployment.

Repeat this procedure on all other AACC 7.0 or ACCS 7.0 Microsoft Windows 2012 servers.

SGM rejects calls from Communicator v3.0 with 'SIP 403 forbidden' due to 'Microsoft' in UA header

Tracking Number	CC-10956
Application	Contact Center Manager Server
Description	Call CDN using from a station controlled by a user(not an agent) with the Equinox 3.0 softphone. AACC rejects the call.
Impact	AACC unable to accept calls from Equinox 3.0 callers(non-agents)
Workaround	The issue will be resolved in AACC 7.0.1

Localization issues

For CCMM

Internationalization issues or common across all languages and require a base fix The installation UI is in English instead of localised version

Tracking Number	CC-6323
Application	Avaya Agent Desktop
Description	Steps to reproduce: 1. Open AAAD installer link: http://aacc70zt.prgloc.avaya.com/agentdesktop/zh-tw/ 2. Click on Launch > Check the installation window Expected result: Installer is Traditional Chinese Actual Result:

Release Notes

Impact Workaround	Installer in English
	Agent may not understand installation.
	Agent needs to install application using English installation wizard.

Appendix A

Issues Addressed in Service Pack 0 and Patches Line-up

This section of the release notes provides information on customer issues that have been addressed in this Service Pack.

CCMS, CCSU, CCCC and CCLM 7.0 SP0 Listing

This list contains defects addressed for the Manager Server, Common Components and License Manager components of Avaya Aura® Contact Center

WI/JIRA	Summary
wi01225367	Unable to add assignment with skillset expression to Logic block in OD
wi01212280	Race condition on CAB on Voice port in VSM causes incorrect events for all calls on broadcast port
wi01212628	CP_CONNECTED event received for previous GiveBroadcast request destroyed the SR timer and then the service request was hanging without any action
wi01212635	VSM experiences 1.5 seconds delay if agent completes transfer to CDN while consult call is ringing on voice port
wi01216019	Voice segments fail to be played to caller
wi01223288	11th call in SR isn't added to broadcast session if some call is abandoned between ITR and ITS Listen Add-on requested for first 10 calls
wi01225426	After AACC reboot VSM requires to be restart for access ports to work
wi01226110	TSM issue with Access ports (Dead Air)
wi01227250	ASM treated the idle agent as active on DN call - resulted in agent unable to pull Emails
wi01228134	Agents reported Idle on RTD but they are not getting presented calls from the queue
wi01229543	AACC - Call being pegged as abandoned in CBC report if the call return to network skillset
wi01229785	uniqueDeviceIdToTn Hashtable entries are never being deleted leading to CMF Out of Memory over a long period
wi01229984	ASM did not send agent reservation to NCP after reserving an agent
wi01230322	Application Threshold not working as expected
wi01230483	When importing WSDL using DIW throws error saying already exists
wi01231035	exception when failed DN call blocks agent while on skillset call
wi01231325	Reply Email from customer does not present to other agents and does not escalate
wi01231472	second activity code missing contact id results in reporting error
wi01232218	TFE termination due to CounterInformation utility
wi01232297	Agents stuck and not moving to Idle after agent rejected the incoming network call by going NRD
wi01232311	In case of RESPONSE Failure the NCP should not filter the target node for this generic failure
wi01232313	agent using reject button - incorrect call abandon at source node
wi01232506	CBC at Source shows Abandon CBC at Target shows Disconnect
wi01232646	Answered Call being pegged incorrectly as abandoned in CBC report
wi01232693	AnswerData notified to source ASM but not passed to source EB leads to inject abandon in CBC

Release Notes

wi01232703	AACC SP15 - Issues logging into a SOA refclient when 400 terminal groups assigned to user
wi01232710	Managed IP does not move from Active to Standby after CCMM HA failover
wi01232760	Real agent is getting stuck when a call transfer is being completed just after a ITR Route is being issued but before ITS is received
wi01232902	AACC SP15 - AML to SIP networking calls showing abandoned on AML site
wi01233212	Emails cannot be pulled following MCHA Switchover
wi01233611	CCMS ASM_Service terminated unexpectedly for customer
wi01233843	Calls are intermittently not being routed to the correct CDN
wi01233903	LNI call abandoned causes stuck agent
wi01233953	TFE is resuming script execution when a pull request is performed on a contact that is being already handled

CCMA 7.0 SP0 Listing

This list contains defects addressed for the Manager Administration components of Avaya Aura® Contact Center.

WI/JIRA	Summary
wi01229646	Monthly Historical reports scheduled for last month contains data for 2 months
wi01230616	AACC6.4 SP14 - ICERTD service crash Aug 2015
wi01231015	[NCC] Site filter and skillset filter in the Network Communication Parameters displays status incorrectly
wi01232234	Generic OAM Error event - ProcessActivityCodeAdd
CC-4339	Realtime dashboard not showing data when using Unicast over HTTPS
CC-4340	Error downloading realtime dashboard as the version has not changed
CC-4361	CCMA last login date/time doesn't is not internationalized
CC-4426	No CDN listed in 'CDN related' historical reportings using User Defined Class
CC-4629	CCMA focus is not set to the User ID field
CC-4838	CC7 - CreateACCWindowsUserAccounts.exe [security enabled] - Issue retrieving CCT users
CC-4894	Scheduled assignments not migrated properly

CCT 7.0 SP0 Listing

This list contains defects addressed for the Communication Control Toolkit components of Avaya Aura® Contact Center.

WI/JIRA	Summary
wi01230132	CCT web service responses are greater than 10 seconds intermittently - leads to screenpop failure
wi01232045	AACC - missing events on CDN to CDN route
wi01232316	Intermittently calls from AAEP are not being set to Controlled
wi01232727	TAPIC termination function did not recover

CCMM/AAD 7.0 SP0 Listing

This list contains defects addressed for the Multimedia\Outbound Server and Avaya Agent Desktop components of Avaya Aura® Contact Center.

WI/JIRA	Summary
wi01227668	AACC 6.4 SP13 AAAD Contact Search Failure When Contact Search Interrupted
wi01227887	AAAD is unable to transfer an email contact due to the dropdown list being blank
wi01229167	Created by" record in contact's history depends on the type of logged in agent"
wi01229659	AACC - New Multimedia contacts stop routing after restart with mails to unacquired Route Point
wi01232105	CCADIntrinsicSettings.xml are truncated when modified via CCADConfigurator
wi01232528	Agent Desktop - Critical Error Reported to agent
wi01232577	Supervisor shows no contacts to observe, approx 2 minutes later, he shows up observable (Same Call)
wi01233603	Auto Phrases not loading for first contact in an IM chat
wi01234638	newer uccapi.dll replaced by AAAD on install
CC-4328	Transfer to agent showing agents who not logged out cleanly from AAAD
CC-4414	Last Login Time label " Date always shown in European format
CC-4509	CCMM OAM notifications not received on a co-res AML server
CC-4650	Agent Desktop hang
CC-4753	Agent Statistics window resizing issue
CC-4758	Remove the extra spacing from the autoresponse
CC-4781	Intermittent AAD Customer Details Issue
CC-4813	Agent Browser is supported with Local Users and ACW Softphone but not stated in ACCS 7 Solution Description

Agent Greeting Recording 7.0 SP0 Listing

This list contains defects addressed for the Agent Greeting of Avaya Aura® Contact Center.

WI/JIRA	Summary
CC-4607	Agent Greeting does not work with Security On

IW 7.0 SP0 Listing

This list contains defects addressed for the Ignition Wizard of Avaya Aura® Contact Center.

WI/JIRA	Summary
CC-4324	Switch serial number validation

Software included in this line-up

CCMA ActiveX Control MSI – Content and Versions

File Name	File Size (bytes)	Version
ChartWrapperCtrl.ocx	63752	1.0.0.1
DTPWrapperCtrl.ocx	96520	8.0.0.0
hrctrl.dll	112904	8.0.0.3
iceemhlpcontrol.dll	129288	8.0.0.2
icertdcontrol.dll	854280	8.4.12.21
iemenu.ocx	65648	4.71.115.0
ntzlib.dll	65080	1.1.4.0
olch2x8.ocx	2102448	8.0.20051.51
rope.dll	248072	1.0.0.4
rsclientprint.dll	594432	2011.110.3128.0
sstree.ocx	337120	1.0.4.20
WSEColorText.ocx	178440	6.0.0.15
xerces-c_2_7.dll	1893832	12.5.0.1190