



Release Notes for *Cisco Unified Enterprise Attendant Console* Release v3.1.1.5

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These release notes describe the new features and caveats for Cisco Unified Enterprise Attendant Console Release v3.1.1.5

For a list of the open and resolved caveats for the Cisco Unified Enterprise Attendant Console see [Resolved Caveats - Release v3.1.1.5](#) section on Page 11, and [Open Caveats - Release v3.1.1.5](#) section on Page 11.

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Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

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Introduction

Cisco Unified Enterprise Attendant Console is an efficient application specially designed for handling calls and messages. This application enables you to answer calls from predefined set of queues and transfer them to desired extensions.

The application enables you to perform comprehensive tasks like Call Conference, Call Transfer, Call Parking and Call Retrievals. The user-friendly design of the application gives speed and flexibility and facilitates you to manipulate calls with simple mouse clicks or keystrokes.

A summary of the features within the product are:-

- Queue Priority
- Overflow
 - Emergency
 - Max Calls
 - No Operator
- Night Service – Basic
- 6 search fields
- CUPS Presence
 - CUPS 6 and 7
- Recalls

- Transfer
- Camp-on
- Park
- Hold
- Telephony features
 - Answer
 - Transfer (Blind/Consult)
 - Camp-on
 - Hold
 - Hold with Notes
 - Park
 - Toggle
 - Conference
 - Last Call Reclaim

Further detailed information can be obtained from the related documents, See [“Related Documentation” on page 13](#)

Performance Information

Performance of Cisco Unified Enterprise Attendant applications can be measured in several ways,

1. Number of Operators
2. Number of Contacts Supported
3. Number of Console Queues
4. BHCC - Busy Hours Call Completions

Table 1-1 shows the performance of Cisco Unified Enterprise Attendant Console

Performance Item	Maximum numbers with Cisco Unified Enterprise Attendant Console
Number of Attendant Consoles	25
Number of Contacts Supported	100k
Number of Console Queues	50
BHCC	6000

Product Feature Table

The following table displays a break down by feature of the following products.

- Cisco Unified Department Attendant Console (CUDAC)
- Cisco Unified Business Attendant Console (CUBAC)
- Cisco Unified Enterprise Attendant Console (CUEAC)

The symbols denote the level of support within the product :-

● = Supported, ◐ = Partial Support, ○ = Unsupported

Table 1-2 Product Feature table

Feature	CUDAC	CUBAC	CUEAC
Installation	Web & Wizard	Web & Wizard	Web & Wizard
Configuration	Browser	Browser	Browser
Support	Cisco TAC 3rd tier - Arc	Cisco TAC 3rd tier - Arc	Cisco TAC 3rd tier - Arc
Queue Features			
Queues supported	● 1 per instance (5 instances on a server)	● 3	● >50
Configurable queue names and priority	○	●	●
Show all calls in all queues option	○	●	●
Queue salutations	○	○	●
Show & pick calls from each Queue	●	●	●
Queue wait time overflow	○	○	○
Queue limit overflow (no of calls)	●	●	●
Operator overflow (no operators)	●	●	●
Queue overflow destinations supported	●	●	●
Overflow options	●	●	●
Service options			
Emergency mode switch	○	●	●
Emergency mode destination	○	●	●
Night service switch	○	●	●

Table 1-2 Product Feature table

Feature	CUDAC	CUBAC	CUEAC
Night service hours/timing	○	●	●
Night service destination	○	●	●
Directory features			
Directory size supported	150 per instance (5 instances on a server)	500	100k
Search fields	3	4	6
Mobile number support	●	●	●
Internal directory support	●	●	●
External directory support	◐	◐	◐
Speed dials	●	●	●
Alternative number search (hotkey)	●	●	●
Alternate Contacts search	○	○	●
Directory to XML phones	○	○	○
Cross tab searching	○	○	●
Notes against person	●	●	●
Presence / Status features			
Busy Lamp Fields / Phone Status supported	150 per instance (5 instances on a server)	500	7000
Presence integration with CUPS	◐	◐	●
Telephony features			
Transfer Reversion (Call Recall)	●	●	●

Table 1-2 **Product Feature table**

Feature	CUDAC	CUBAC	CUEAC
Hold Recall	●	●	●
Call toggle	●	●	●
Camp on	○	○	●
Call hold with notes	○	○	●
Undirected Call park (finds first slot)	●	●	●
Directed Call Park (to specific Park location)	●	●	●
Call Hold	●	●	●
Park recall	●	●	●
Transfer	●	●	●
Conference	●	●	●
System features			
No of Clients	2 per instance (5 instances on a server)	6	25
Keyboard driven	●	●	●
System logging	◐	◐	●
Cisco Unified Communication Manager Supported			
Cisco Unified Communication Manager Supported	6.0, 6.1, 7.0,7.1	6.0, 6.1, 7.0,7.1	6.0, 6.1, 7.0, 7.1
Localisation and accessibility			
Languages supported	15	15	15
Accessibility support (with JAWS Script)	●	●	●

Legend: ● = Supported, ◐ = Partial Support, ○ = Unsupported

Core Languages

The previous “[Product Feature Table](#)” on [page 3](#), refers to Localization in 15 Core Languages, due to a small technical issue this release will support 11 core languages that include: English, French, Italian, German, Spanish, Portugese, Arabic, Dutch, Swedish, Russian & Danish.

A service pack will be released shortly that will include the remaining 4 core languages: Chinese (simpl), Chinese (trad.), Japanese, Korean

System Requirements

The following section is broken into two parts:-

- Hardware/Software Supported
- Software Compatability

Hardware/Software Supported

The information provided below gives details of the minimum hardware/software required to run Cisco Unified Enterprise Attendant applications.

Applies To	PC Specification
Cisco Unified Attendant Server	<p>Pentium 4 2.2 GHz</p> <p>2 GB RAM</p> <p>72 GB Hard Drive</p> <p>CD-ROM/DVD-Rom</p> <p>Network Card</p> <p>SVGA (1024x768) display card with correct drivers</p> <p>Windows 2003 Server SP2 running Windows English Regional Settings. Windows 2008 Server is also supported.</p> <p>Internet Information Service (IIS) 6.0 (or later).</p> <p>.Net Framework 3.5</p> <p>MS SQL Server 2008 (Express) * (See “SQL Considerations and Scalability” on page 8 for further details)</p> <p>Internet Explorer 6.0 (or higher)**</p> <p>* Note: The Attendant Console Server installation will install this application automatically. If MS SQL Express 2008 is installed manually, it must be installed as the Default instance for the Attendant Console to function. Cisco Unified Attendant applications will not work with a Named instance of SQLEXPRESS.</p> <p>** Note: If IIS is installed separately to the Attendant Console Server Installation the ASP.NET component must be enabled and installed. This is done via the <i>Add/Remove Windows Component > Applications Server and Details</i></p>

The Server should be connected to the network via the TCP/IP protocol.

You will require appropriate Operating System Licenses.



Note

Cisco Unified Attendant Server is not supported within a 64 bit Operating System.



Note

Cisco Unified Attendant Server is not supported on the Cisco MCS (Media Convergence Server) Operating System



Note

Cisco Unified Attendant Server will require access to the C:\ drive where the database information is stored.



Note

Cisco Unified Attendant Server is not supported in a live environment on a virtual server or other virtual based operating system.

SQL Considerations and Scalability

CUEAC installs SQL 2008 Express by default as part of its standard installation process. The performance limitation that SQL Server 2008 Express possesses is that it can access only a single CPU and 1 GB of RAM with a maximum database size of 4Gb.

In sites where one or more of the following are expected;-

- A large number of operators – more than 10,
- A high call volume – greater than 500 calls per operator per day,
- A Large Directory – greater than 10,000 contacts;

The use of SQL Server 2008 Standard or Enterprise should be strongly considered. Where a system outgrows the SQL2008 Express deployment, or issues are experienced that are related to the use of SQL 2005 Express, the Standard or Enterprise versions of SQL 2008 can be used to upgrade the existing implementation with minimal effort.



Note

For future versions of CUEAC to benefit from some features, SQL 2008 express will not be an option and SQL 2008 Standard or Enterprise will be required.

2. The minimum specification required by Cisco Unified Enterprise Attendant Console is as follows,

Applies To	PC Specification
Cisco Unified Enterprise Attendant Console	Pentium 4 Entry Level Specification 1 GB RAM 1GB available Hard Drive space CD-ROM/DVD-ROM Network Card Connected to Network via TCP/IP SVGA (1024x768) display card Windows Small Fonts <i>17 inch Monitor highly recommended</i> Windows XP Professional / Vista Professional (32 bit) / Windows 2003/2008 (See Note below this table) SoundBlaster compatible sound card and speakers are recommended for the Console Operator.

**Note**

If the Cisco Unified Enterprise Attendant Console is installed on Windows 2003 or Windows 2008 Operating System then 'Data Execution Prevention (DEP)' must be enabled. This is documented in the '*Cisco Unified Enterprise Attendant Console Web Admin / Installation Guide*' OL-20135-01

**Note**

Cisco Unified Enterprise Attendant Console is not supported in a live environment on a virtual server or other virtual based operating system.

3. Backups – As with all systems, we advise that backup facilities are provided to ensure application and data integrity, should an unforeseen circumstance arise.

Examples:

CD Writer

Tape streamer. DLT, DAT, Travan etc

Zip / Jaz drive or other type of Magneto Optical drive

If possible, choose a solution that gives a one step disaster recovery. This is a solution that has the ability to restore the complete contents of a hard drive from a bootable floppy disk and the restore media.

4. Server Redundancy – It is strongly recommended that the PC Server should be a redundant system with the following redundancy methods. This is at the discretion of the customer

Multiple hot-swap power supplies

Hot-swap Hard Drive arrays

UPS / power conditioners

RAID

5. AntiVirus support on a Cisco Unified Enterprise Attendant Console Server

There are many different AntiVirus products that are supported on a Cisco Unified Enterprise Attendant Console system server. Supporting guidelines on AntiVirus software can be found on the following site:-

http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/vcallcon/ps5556/prod_bulletin0900aecd806f6221.html

Folder/File Exclusions

It is important that the AntiVirus product supports "Exclusions". This is the ability for the user to specify specific files and/or folders that will NOT be scanned by the AntiVirus program.

The following exclusions should be set when using AntiVirus software on a Cisco Unified Enterprise Attendant Console Server

File Location	Use
C:\DBData	This folder is where the System Configuration Databases are located
\\Program Files\Cisco\Logging	This is where all the system log files are stored.
\\Temp\Cisco\Trace	This is where the Cisco TSP Trace files are located



Note

The "File Locations" and "File Names" may be changed by your System Administrator.

The files in the above table are constantly being written to and updated during standard operation of the Cisco Unified Enterprise Attendant Console system.

Due to this, these files are permanently being accessed - an AntiVirus "Scan on access" policy for these files will mean that the files are constantly being scanned for Viruses. This will in turn slow down the operation of the Server. Therefore, excluding these files from being continuously scanned will allow the Server to function as expected.

6. The following table outlines the network requirements for running Cisco Unified Enterprise Attendant applications.

Applies To	Network Specification
All Network Types	The network will need to support/run TCP/IP.
	Cisco Unified Enterprise Attendant Admin application will need to run under an Administrator profile. (Local Administrator is acceptable)
Microsoft Windows Network	If the network uses DHCP then the PC Server will need a <u>static IP address</u> allocated to it.

Software Compatibility

CUEAC Version	CUEAC-CM TSP Version	Cisco Unified Communication Manager (CUCM)
3.1.1.5	6.0.0.6	6.0
	6.1 (0.10)	6.1a
	6.1 (2.4)	6.1.2
	6.1 (3.2)	6.1.3
	7.0 (1.6)	7.0
	7.1(1.4)	7.1
	7.1(1.5)	7.1(2A)
	7.1(3.4)	7.1(3)

Installation Notes

The installation instructions for Cisco Unified Enterprise Attendant Console are covered in Chapter 4 of the Cisco Unified Enterprise Attendant Consoles Web Admin / Installation Guide which is available via the following address:

http://www.cisco.com/en/US/products/ps7282/prod_maintenance_guides_list.html

New and Changed Information

New software Features in Release v3.1.1.5

Cisco Unified Enterprise Attendant Console v3.1.1.5 includes the following features:

- CUCM 7.1(2A) and 7.1(3) compatibility with phone models 69xx, 7931, 7965, 89xx and 99xx.

- Enhancements have been made to the Dynamic BLF where users can monitor a device on demand based on MAC Address and Directory Number. Where there may be multiple devices linked to a Directory Number, the system can be configured to specific partitions to ensure that the correct device is monitored.
- Web Admin has been updated to replicate a CUCM 7.0 look and feel.
- Support has also been added for Windows 2008 Server and Microsoft SQL 2008.

**Note**

The solution to support device level BLF will only be available for the new CUCM v7.1(2A) platform onwards. Older CUCM platforms prior to CUCM v7.1(2A) will continue to use the "on demand" solution.

**Note**

The current proposition will not support the use of phone models 69xx, 7931, 7965, 89xx and 99xx for attendant console positions.

Caveats

This section contains these topics:

- [Resolved Caveats - Release v3.1.1.5](#), Page 11
- [Open Caveats - Release v3.1.1.5](#), page 11

Resolved Caveats - Release v3.1.1.5

Table 3 lists Severity 3 Caveats that have been resolved in Cisco Unified Enterprise Attendant Console v3.1.1.5

The following table shows a list of caveats that have been found during testing.

Table 3 Resolved Caveats for Cisco Unified Enterprise Attendant Console - v3.1.1.5

Application	Description
CSCsy17401	Popup mentioning one of the services was not started properly http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&bugId=CSCsy17401
CSCsy17407	Console Shows incorrect Device status when device is unplugged http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&bugId=CSCsy17407
CSCsy17417	Old information displayed for an Operator http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&bugId=CSCsy17417

Open Caveats - Release v3.1.1.5

Table 4 lists Severity 3 Caveats that have been Opened in Cisco Unified Enterprise Attendant Console v3.1.1.5

The following table shows a list of caveats that have been found during testing.

Table 4 Open Caveats for Cisco Unified Enterprise Attendant Console - v3.1.1.5

Application	Description
CSCtc51002	BLF Logging path does not show in web admin http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&bugId=CSCtc51002
CSCtc15010	Original called name not being displayed in CUEAC console on Call Forwarding. http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&bugId=CSCtc15010
CSCtc27899	Requirement and restrictions for User ID & PWD for CUxAC with CUCM & AD http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&bugId=CSCtc27899
CSCtc51011	Far Eastern Languages are not supported Japanese, Korea, Chinese (Simplified), Chinese (Traditional) http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&bugId=CSCtc51011
CSCtc51013	Active Subscription on the CTI Status does not get decremented. http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&bugId=CSCtc51013

Software

The Cisco Unified Business/Department Attendant Console software can be downloaded via the website <http://www.cisco.com/go/ac>.

Related Documentation

Software Documents

The documents related to this product include:

- Cisco Unified Enterprise Attendant Console User Guide OL-20134-01
- Cisco Unified Enterprise Attendant Console Web Admin / Installation Guide OL-20135-01

Obtaining Documentation, Obtaining Support, and Security

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New* in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Cisco Product Security Overview

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at: <http://www.cisco.com/wwl/export/crypto/tool/stqrg.html>. If you require further assistance please contact us by sending email to export@cisco.com.

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

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