Release Notes for Cisco Unity Connection Releases 7.1(3), 7.1(3a), and 7.1(3b)

Revised April 2, 2012 (Originally published September 24, 2009)
These release notes contain information on downloading software, new and changed support, new and changed functionality, limitations and restrictions, open and resolved caveats, and documentation updates for Cisco Unity Connection Releases 7.1(3), 7.1(3a), 7.1(3b), and for Connection in Cisco Unified Communications Manager Business Edition (CMBE) Releases 7.1(3), 7.1(3a), and 7.1(3b).

****

Cisco Unity Connection 7.1(3a) and 7.1(3b) contain fixes and changes to the operating system and/or Cisco Unified Communications Manager 7.1(3) application components, including components shared by Connection and Cisco Unified CM.

Note the following information:

- Throughout this document, references to 7.1(3) also apply to 7.1(3a) and 7.1(3b).

- Anything documented as compatible with Connection 7.1(3)—for example, versions and tools, and other Cisco products—are equally compatible with 7.1(3a) and 7.1(3b).

- Follow the Connection documentation regarding any 7.1(3) engineering specials (ESes). You use the same ESes with 7.1(3a) and 7.1(3b).

- For more information, see the "Cisco Unity Connection 7.1(3b)" section on page 5 and the "Cisco Unity Connection 7.1(3a)" section on page 5.

****

Note Cisco Unity Connection is a Linux-based solution. It is available in two configurations—Cisco Unity Connection, and Cisco Unified Communications Manager Business Edition, in which Connection is preloaded on the same platform with Cisco Unified Communications Manager. These release notes contain information for both configurations.

> **Note** Items in release notes may be added, or revised to correct or clarify information after the initial publication date (the date the software was released). When an item has been changed, the phrase "Added <date>" or "Revised <date>" is included in the text of an item.

Contents

System Requirements

For Cisco Unity Connection

System Requirements for Cisco Unity Connection Release 7.x contains the most current Connection requirements. The document is available at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/requirements/7xcucsysreqs.html.

For Cisco Unity Connection in Cisco Unified CMBE

System Requirements for Cisco Unity Connection in Cisco Unified CMBE Release 7.x contains the most current Connection requirements. The document is available at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/requirements/7xcucmbesysreqs.html.

Compatibility Information

The following documents list the most current version combinations qualified for use with Cisco Unity Connection, and with Connection in Cisco Unified CMBE (where applicable):

- *Compatibility Matrix: Cisco Unity Connection and the Software on User Workstations*
- *SCCP Compatibility Matrix: Cisco Unity Connection, Cisco Unified Communications Manager, and Cisco Unified Communications Manager Express*
- *SIP Trunk Compatibility Matrix: Cisco Unity Connection, Cisco Unified Communications Manager, and Cisco Unified Communications Manager Express*

The documents are available on Cisco.com at
http://www.cisco.com/en/US/products/ps6509/products_device_support_tables_list.html.

Determining the Software Version

This section contains procedures for determining the version in use for the following software:

Cisco Unity Connection

To Determine the Cisco Unity Connection Version by Using Cisco Unity Connection Administration

Step 1 In Cisco Unity Connection Administration, in the upper-right corner below the Navigation list, click **About**.

The Connection version is displayed below "Cisco Unity Connection Administration."

To Determine the Cisco Unity Connection Version by Using the Command-Line Interface

Step 1 Start a command-line interface (CLI) session. For more information, see the Cisco Unified Communications Operating System Administration Help.

Step 2 Run the **show cuc version** command.

Cisco Personal Communications Assistant

To Determine the Cisco Personal Communications Assistant (PCA) Version

Step 1 Log on to the Cisco PCA.

Step 2 On the Cisco PCA Home page, click **About** in the upper right corner. (The link is available on every web tool page.)

Step 3 The Cisco Unity Connection version is displayed. The Cisco PCA version is the same as the Connection version.

Related Documentation

For Cisco Unity Connection

For descriptions and URLs of Cisco Unity Connection documentation on Cisco.com, see the *Documentation Guide for Cisco Unity Connection Release 7.x*. The document is shipped with Connection and is available at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/roadmap/7xcucdg.html.

For Cisco Unified Communications Manager Business Edition

For descriptions and URLs of Cisco Unified Communications Manager Business Edition documentation on Cisco.com, see the *Cisco Unified Communications Manager Business Edition Documentation Guide*. The document is shipped with Cisco Unified CMBE and is available at http://www.cisco.com/en/US/products/ps7273/products_documentation_roadmaps_list.html.

Note The documentation links on Cisco.com for some Cisco Unity Connection in Cisco Unified CMBE 7.x versions go to documents that are labeled for Cisco Unity Connection Release 7.x. Despite the version label, all content in the following guides applies to both Connection configurations: *Administration Guide for Cisco Unity Connection Serviceability, Interface Reference Guide, System Administration Guide, Troubleshooting Guide, User Moves, Adds, and Changes Guide,* and the *User Workstation Setup Guide*.

New and Changed Requirements and Support—Release 7.1(3)

This section contains information about new and changed requirements and support in the 7.1(3) release time frame only. See the release notes of the applicable version for information on new and changed support with earlier versions of Cisco Unity Connection.

Release notes for all versions of Cisco Unity Connection are available at http://www.cisco.com/en/US/products/ps6509/prod_release_notes_list.html.

Release notes for all versions of Cisco Unified Communications Manager Business Edition are available at http://www.cisco.com/en/US/products/ps7273/prod_release_notes_list.html.

Additional Languages for Cisco Unity Connection Components

Revised November 23, 2009
There are no new languages for this release.

For a list of available languages, see the "Available Languages for Cisco Unity Connection Components" section of the applicable *System Requirements*:

- *System Requirements for Cisco Unity Connection Release 7.x* at
  http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/requirements/7xcucsysreqs.html
  .

- *System Requirements for Cisco Unity Connection in Cisco Unified CMBE Release 7.x* at
  http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/requirements/7xcucmbesysreqs.html.

For more information, see the "Installing and Using Cisco Unity Connection Languages in Addition to U.S. English" section on page 15.

(For a list of numeric and alphabetic language codes, see the "Numeric and Alphabetic Codes for Supported Languages in Cisco Unity Connection" section of the 7.x *System Requirements*.)

Calendar Integration with Exchange 2007 Server Is No Longer Supported

Added July 9, 2010

A calendar integration with Exchange 2007 Server is no longer supported in Cisco Unity Connection 7.1(3), 7.1(3a), and 7.1(3b).

The "Creating a Calendar Integration with Exchange 2007" section in the "Creating Calendar Integrations" chapter of the *System Administration Guide for Cisco Unity Connection Release 7.x* (at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/administration/guide/7xcucsagx.html) incorrectly indicates that calendar integrations with Exchange 2007 Server are supported.

Note however that contact and text to speech integrations are still supported with Exchange 2007 Server.

Cisco Unity Connection 7.1(3b)

Added December 15, 2009

Cisco Unity Connection 7.1(3b) contains fixes and changes to the operating system and/or Cisco Unified Communications Manager 7.1(3) application components, including components shared by Connection and Cisco Unified CM.

The shipping DVD and the DVD 1 image available on the Cisco Unity Connection 7.1 Software Download page on Cisco.com have been updated with release 7.1(3b).

For related information, see the following sections in these release notes:

- "Additional Version Information" section on page 11
- "Related Caveats—Cisco Unified Communications Manager 7.1(3) Components That Are Used by Connection 7.1(3)" section on page 21

Cisco Unity Connection 7.1(3a)

Revised December 15, 2009 (Originally added November 4, 2009)

Cisco Unity Connection 7.1(3a) contained fixes and changes to the operating system and/or Cisco Unified Communications Manager 7.1(3) application components, including components shared by Connection and Cisco Unified CM.

The shipping DVD and the DVD 1 image available on the Cisco Unity Connection 7.1 Software Download page on Cisco.com were updated with release 7.1(3a).

For related information, see the following sections in these release notes:

- "Additional Version Information" section on page 11
- "Related Caveats—Cisco Unified Communications Manager 7.1(3) Components That Are Used by Connection 7.1(3)" section on page 21

Phone System Integrations

For Cisco Unity Connection

For supported versions of Cisco Unified CM and Cisco Unified CM Express, see the applicable document, depending on the integration type:

- *SCCP Compatibility Matrix: Cisco Unity Connection, Cisco Unified Communications Manager, and Cisco Unified Communications Manager Express* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/compatibility/matrix/cucsccpmtx.html.
- *SIP Trunk Compatibility Matrix: Cisco Unity Connection, Cisco Unified Communications Manager, and Cisco Unified Communications Manager Express* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/compatibility/matrix/cucsiptrunkmtx.html.

For information on other supported phone system integrations, see the applicable Cisco Unity Connection integration guides at http://www.cisco.com/en/US/products/ps6509/products_installation_and_configuration_guides_list.html.

For Cisco Unity Connection in Cisco Unified CMBE

Cisco Unified Communications Manager 7.1 has been qualified for use with Cisco Unified CMBE. It is installed on the same platform with Cisco Unity Connection.

Selected Servers Require Replacement Hard Disks or Additional Memory for Some Configurations

If you are upgrading from Cisco Unity Connection 2.x or 1.x to Connection 7.1 and you want to reuse the current server, for some servers and some configurations you must replace hard disks or add memory. For example:

- Some servers require replacement hard disks if you are configuring a Connection cluster.
- Some servers require additional memory if voice recognition and Digital Networking are configured when the sum of contacts, users, distribution lists, locations, personal contacts, and personal distribution lists exceeds 2,000. (These are the first six items on the Tools > Grammar Statistics page in Cisco Unity Connection Administration.)

If you are upgrading an existing Connection server to version 7.1, see the *Cisco Unity Connection Supported Platforms List* at http://www.cisco.com/en/US/products/ps6509/products_data_sheets_list.html to determine whether your server requires replacement hard disks or additional memory.

For information on replacing the hard disks or adding the memory, see the applicable chapter in the *Reconfiguration and Upgrade Guide for Cisco Unity Connection* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/upgrade/guide/7xcucrugx.html.

Software Qualified for Use with Cisco Unity Connection on User Workstations

No additional software has been qualified for use with Cisco Unity Connection on user workstations with this release.

For the most current version combinations of software qualified for use on user workstations, see *Compatibility Matrix: Cisco Unity Connection and the Software on User Workstations* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/compatibility/matrix/cucclientmtx.html.

Utility Updates on the Cisco Unity Tools Website

Updates to utilities on the Cisco Unity Tools website are frequently posted between Cisco Unity Connection releases. The updates commonly do not apply to a specific release, so we do not list the tools that have been updated since the last version of Connection. However, you can sign up to be notified when the utilities posted on the Cisco Unity Tools website are updated. Go to http://www.ciscounitytools.com, and click Sign Up Here.

New Functionality—Release 7.1(3)

This section contains information about new functionality in the 7.1(3) release time frame only. See the release notes of the applicable version for information on new functionality in earlier versions of Cisco Unity Connection.

Release notes for all versions of Cisco Unity Connection are available at http://www.cisco.com/en/US/products/ps6509/prod_release_notes_list.html.

Release notes for all versions of Cisco Unified Communications Manager Business Edition are available at http://www.cisco.com/en/US/products/ps7273/prod_release_notes_list.html.

Note that the Cisco Unity Tools website may offer scripts and applications that were not included in Cisco Unity Connection 7.1(3). Some offerings may not be supported by Cisco TAC. See http://www.ciscounitytools.com for information.

Access Lists to Control Sending Messages to System Distribution Lists

The access list feature allows you to specify which Cisco Unity Connection users can send messages to a system distribution list. You create a second system distribution list with an alias comprised of the alias of the original list plus a suffix that you define. You can also control whether system distribution lists that do not have access lists accept or reject messages from all users.

To enable and configure the access list feature, you use the following three settings on the System Settings > Advanced > Messaging page in Connection Administration:

- Use Access Lists to Control Who Can Send to System Distribution Lists
- Allow Delivery of Messages to System Distribution Lists That Have No Access List

- System Distribution List Alias Suffix for Access Lists

For information on the fields and their usage, see the following sections in these release notes:

- Interface Reference Guide for Cisco Unity Connection Administration Release 7.x: Messaging Configuration (Cisco Unity Connection 7.1), page 24
- System Administration Guide for Cisco Unity Connection Release 7.x: Using Advanced Settings to Enable System Distribution List Access Lists, page 27.

Cisco Unity License Files Can Be Used for Migrating from Cisco Unity to Cisco Unity Connection and to Connection in Cisco Unified CMBE

Cisco Unity Connection and Connection in Cisco Unified CMBE can use Cisco Unity license files to enable Cisco Unity Connection features when migrating from Cisco Unity 4.x or later to Cisco Unity Connection 7.x or to Cisco Unified CMBE 7.x.

Note that the Cisco Unity license files must have the MAC address of the server on which Cisco Unity Connection is installed:

- If Connection is installed on the same server on which Cisco Unity was installed, you can install the Cisco Unity license files.
- If Connection is installed on a different server from the one on which Cisco Unity was installed, you must have the Cisco Unity license files reissued with the MAC address of the new server.

(See also the "Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x: Task List for Migrating from Cisco Unity 4.x or Later to Connection 7.x" section on page 26 under "Omissions.")

Hospitality

The Hospitality feature allows hotels and other short-term stay environments to provide voicemail for guests. The Nevotek V/IP Suite provides communication between a Nevotek-qualified property management system and one of the following:

- Cisco Unity Connection when deployed with Cisco Unified Communications Manager and Cisco IP phones.
- Connection in Cisco Unified CMBE.

✎
Note Cisco Unity Connection supports the Nevotek-qualified property management system. However, for all configuration and support, you need to contact Nevotek.

MWI Constant Message Count

Message waiting indicators (MWIs) are enhanced to provide a real-time count of new and saved messages, and new and saved urgent messages. The message-count information appears on the LCD screen of the user's Cisco IP phone.

Cisco Unity Connection and Connection in Cisco Unified CMBE continue to provide the traditional indicator to indicate that new messages are available.

The message-count feature has the following requirements:

- Cisco Unified Communications Manager version 7.1(3) or later.
- MWI and message count enabled for each user.

    These settings are set in Cisco Unity Connection Administration on the Users > Users > Edit Message Waiting Indicator page for the subscriber, and in the Bulk Edit utility.

- Cisco IP phones capable of displaying the message count information.

Changed Functionality—Release 7.1(3)

This section contains information about changed functionality in this release time frame only. See the release notes of the applicable version for information on changed functionality in earlier versions of Cisco Unity Connection.

Release notes for all versions of Cisco Unity Connection are available at http://www.cisco.com/en/US/products/ps6509/prod_release_notes_list.html.

Release notes for all versions of Cisco Unified Communications Manager Business Edition are available at http://www.cisco.com/en/US/products/ps7273/prod_release_notes_list.html.

Note that the Cisco Unity Tools website may offer scripts and applications that were not included in Cisco Unity Connection 7.1(3). Some offerings may not be supported by Cisco TAC. See http://www.ciscounitytools.com for information.

Cisco Unity Connection Cluster

The Cisco Unity Connection cluster feature has the following changes with this release:

- The Connection Server Role Manager service on both servers communicates by using TCP ports rather than UDP ports.
- During the upgrade process, the Connection Server Role Manager services on both servers do not communicate until both servers have the same version of Connection.
- The upgrade process does not cause a split-brain condition.

Note The Connection cluster feature is not supported for use with Cisco Unified Communications Manager Business Edition.

Installation and Upgrade Information

- Information for Cisco Unified Communications Manager Business Edition Customers, page 10
- Installing Cisco Unity Connection for the First Time, page 10
- Supported Upgrades, page 10
- Upgrading to Cisco Unity Connection 7.1, page 12
- Migrating from Cisco Unity or from Cisco Unity Connection 1.x to Cisco Unity Connection 7.1, page 14
- Installation and Upgrade Notes, page 14

Information for Cisco Unified Communications Manager Business Edition Customers

- For instructions on installing a new Cisco Unified CMBE system, see *Overview of Mandatory Tasks for Setting Up a Cisco Unified Communications Manager Business Edition 7.x System* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/cucmbe_task_list/7xcucmbetask.html and the *Installing Cisco Unified Communications Manager Business Edition Release 7.1(2)* guide at http://www.cisco.com/en/US/docs/voice_ip_comm/cucmbe/install/7_1_2/cmins712.html.

- For instructions on upgrading a Cisco Unified CMBE system, see the "Software Upgrades" chapter of the applicable version of the *Cisco Unified Communications Operating System Administration Guide* at http://www.cisco.com/en/US/products/ps7273/prod_maintenance_guides_list.html.

  Note that when upgrade files are available for download on Cisco.com, the files can be used to upgrade Connection, Cisco Unified Communications Manager, or Cisco Unified CMBE. The files can be downloaded from the Connection or Cisco Unified CM downloads page. For download instructions from the Connection downloads page, see the "Downloading Software for an Upgrade to Cisco Unity Connection 7.1" section on page 12.

> ⚠️ **Caution** If you are upgrading from Cisco Unified CMBE version 6.x or 7.0 and any languages other than U.S. English (ENU) are currently installed and in use on the 6.x or 7.0 system, you must install the Connection 7.1 versions of the same languages after the Cisco Unified CMBE upgrade. Otherwise, the Connection conversation will not function properly for users who are configured to use non-ENU languages. For information on downloading and installing languages, see the "Downloading Connection 7.x Language Files" and "Installing Language Files on the Connection 7.x Server" sections in the "Adding Languages to the Cisco Unity Connection 7.x System" chapter of the *Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/upgrade/guide/7xcucrugx.html.

- There is no supported migration path from Connection 1.x to Cisco Unified Communications Manager Business Edition (CMBE). If you want to migrate from Connection 1.x to Cisco Unified CMBE, you must reinstall all software, and recreate all system and user data.

Installing Cisco Unity Connection for the First Time

You must use the Cisco Unity Connection DVD to install a new server.

For instructions on installing a new Connection server, see the *Installation Guide for Cisco Unity Connection Release 7.x* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/installation/guide/7xcucigx.html.

Supported Upgrades

Revised December 15, 2009
Always refer to the Cisco Unified Communications Manager version to determine upgrade support. The version can be viewed by running the CLI command **show version active**.

You can upgrade from the following versions directly to version 7.1(3b):

- 7.1(3a)
- 7.1(3)
- 7.1(2b) SU1
- 7.1(2b)
- 7.1(2a) SU1
- 7.1(2a)
- 7.1(2)
- 7.0(2a) SU2
- 7.0(2a) SU1
- 7.0(2a)
- 7.0(2)
- 6.1(4a) SU2
- 6.1(4a)
- 6.1(4) SU1
- 6.1(4)
- 6.1(3b) SU1
- 6.1(3b)
- 6.1(3a)
- 6.1(3)

Additional Version Information

Added November 4, 2009

The version numbers of Cisco Unity Connection and the Cisco Unified Communications Operating System are different, as are the version numbers of other Connection components.

Connection is versioned in the following manner:

$(ConnectionSHORTVERSION).$(Cisco Unified Communications ManagerBUILDTRAIN)-$(Connection BUILDNUM)

For procedures on viewing the Connection version, see the "Determining the Software Version" section on page 3.

For supported upgrades, always refer to the Cisco Unified Communications Manager version, which can be viewed by running the CLI command **show version active**. (See also the list of versions supported for upgrades, above.)

In addition, note the following descriptions of release types:

- A service update is a release that incorporates all fixes and changes pulled from an engineering-special (ES) branch. It may also include additional fixes. A service update is posted on Cisco.com and, thus, is available by download only. In documentation references, the notation "Service Update <x>" or "SU<x>" is added to the release number (for example, 7.1(3) Service Update 1 or 7.1(3) SU1).

- A respin release is a critical-fix release rebuilt from the base release. It is reissued to manufacturing, replacing the preceding release, and posted on Cisco.com. In documentation references, a lowercase letter is added to the release number (for example, 7.1(3a) or 7.1(3b)).

Upgrading to Cisco Unity Connection 7.1

For instructions on downloading software that can be used to upgrade to Connection 7.1 from a supported version, see "Downloading Software for an Upgrade to Cisco Unity Connection 7.1" section on page 12.

For instructions on upgrading:

- A Connection 7.x server to version 7.1, see the "Upgrading Cisco Unity Connection 7.x to the Shipping 7.x Version" chapter of the *Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/upgrade/guide/7xcucrugx.html.

- A Connection 2.x server to version 7.1, see the "Upgrading Cisco Unity Connection 2.1(2) or Later to the Shipping 7.x Version" chapter of the *Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/upgrade/guide/7xcucrugx.html.

Downloading Software for an Upgrade to Cisco Unity Connection 7.1

Revised April 02, 2012

The upgrade application posted on Cisco.com can be used only to upgrade to Cisco Unity Connection 7.1 from a supported 7.x or 2.x version. It cannot be used to install a new Connection 7.1 server, or to migrate from Connection 1.x to 7.1.

Because of the size of the upgrade application, the file has been divided into two parts. Do the following procedure to download the two parts and to recombine them into a single file.

To Download Software for an Upgrade to Cisco Unity Connection 7.1

Step 1   Log on to a computer with a high-speed Internet connection, and go to the Voice and Unified Communications Downloads page at
http://tools.cisco.com/support/downloads/pub/Redirect.x?mdfid=278875240.

✎
Note   To access the software download page, you must be logged on to Cisco.com as a registered user.

Step 2   In the tree control on the Downloads page, expand **Products>Voice and Unified Communications>IP Telephony>Unified Messaging>Cisco Unity Connection**, and click **Cisco Unity Connection Version 7.1**.

Step 3 On the Select a Software Type page, click **Unified Communications Manager / Cisco Unity Connection Updates**.

Step 4 On the Select a Release page, under Latest Releases or All Releases, click **7.1(3b)**, and the download buttons appear on the right side of the page.

Step 5 Confirm that the computer you are using has sufficient hard disk space for the downloaded files. (The download file sizes appear below the download links.)

Step 6 Click **UCSInstall_UCOS_7.1.3.30000-1.sgn.iso_part1of2**, and follow the on-screen prompts to complete the download. Make note of the MD5 value.

Step 7 Click **UCSInstall_UCOS_7.1.3.30000-1.sgn.iso_part2of2**, and follow the on-screen prompts to complete the download. Make note of the MD5 value.

Step 8 For each downloaded file, use a checksum generator to confirm that the MD5 checksum matches the checksum that is listed on Cisco.com. If the values do not match, the downloaded file is damaged.

⚠
Caution Do not attempt to use a damaged file to install software or the results will be unpredictable. If the MD5 values do not match, download the file again until the value for the downloaded file matches the value listed on Cisco.com.

Free checksum tools are available on the Internet, for example, the Microsoft File Checksum Integrity Verifier utility. The utility is described in Microsoft Knowledge Base article 841290, *Availability and Description of the File Checksum Integrity Verifier Utility.* The KB article also includes a link for downloading the utility.

Step 9 Execute one of the following commands, depending on the operating system, to reunite the two parts of the file:

- On a Unix/Linux system, copy and paste the following command from this document into the CLI to combine the two files:

```
cat UCSInstall_UCOS_7.1.3.30000-1.sgn.iso_part1of2 UCSInstall_UCOS_7.1.3.30000-1.sgn.iso_part2of2 >
UCSInstall_UCOS_7.1.3.30000-1.sgn.iso
```

- On a Windows system, copy and paste the following command from this document into the command prompt (cmd.exe) to combine the two files:

```
COPY /B UCSInstall_UCOS_7.1.3.30000-1.sgn.iso_part1of2+UCSInstall_UCOS_7.1.3.30000-1.sgn.iso_part2of2
UCSInstall_UCOS_7.1.3.30000-1.sgn.iso
```

Step 10 Use a checksum generator to confirm that the MD5 checksum of the reunited file matches the following checksum:

6180c0b0c9ff1b0893a88988c154d94b

If the values do not match, the reunited file is damaged.

⚠
Caution Do not attempt to use a damaged file to install software, or the results will be unpredictable. If the MD5 value of the reunited file does not match the value listed above, download the file again until the value for the downloaded file matches the value listed on Cisco.com.

Step 11 If you are installing from a DVD, burn the DVD, noting the following considerations:

- Choose the option to burn a disc image, not the option to copy files. Burning a disc image will extract the thousands of files from the .iso file that you created in Step 9 and write them to a DVD, which is necessary for the files to be accessible for the installation.

- Use the Joliet file system, which accommodates filenames up to 64 characters long.

- If the disc-burning application that you are using includes an option to verify the contents of the burned disc, choose that option. This causes the application to compare the contents of the burned disc with the source files.

Step 12 Confirm that the DVD contains a large number of directories and files, not just the .iso file that you created in Step 9.

Step 13 Delete unnecessary files from the hard disk to free disk space, including the two .iso files that you downloaded and the combined .iso file that you created in Step 9.

Migrating from Cisco Unity or from Cisco Unity Connection 1.x to Cisco Unity Connection 7.1

For information on migrating from Cisco Unity 4.0(5) or later to Connection 7.1 or from Connection 1.x to Connection 7.1, see the applicable "Migrating from ..." chapter of the *Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/upgrade/guide/7xcucrugx.html.

✎
Note There is no supported migration path from Connection 1.x to Cisco Unified Communications Manager Business Edition (CMBE). If you want to migrate from Connection 1.x to Cisco Unified CMBE, you must reinstall all software, and recreate all system and user data.

Installation and Upgrade Notes

- Cisco Unity License Files Can Be Used for Migrations from Cisco Unity to Cisco Unity Connection and to Connection in Cisco Unified CMBE, page 14

- Installing and Using Cisco Unity Connection Languages in Addition to U.S. English, page 15

- License Tag Required to Enable the U.S. English Conversation and Personal Call Transfer Rules, page 15

Cisco Unity License Files Can Be Used for Migrations from Cisco Unity to Cisco Unity Connection and to Connection in Cisco Unified CMBE

Cisco Unity Connection and Connection in Cisco Unified CMBE can use Cisco Unity license files to enable Cisco Unity Connection features when migrating from Cisco Unity 4.x or later to Cisco Unity Connection 7.x or to Cisco Unified CMBE 7.x. For details, see the "Cisco Unity License Files Can Be Used for Migrating from Cisco Unity to Cisco Unity Connection and to Connection in Cisco Unified CMBE" section on page 8.

Installing and Using Cisco Unity Connection Languages in Addition to U.S. English

Revised November 23, 2009

For instructions on installing additional Connection languages on the following system types, see the referenced documentation:

- A new Connection system, see the "Installing Additional Languages on the Cisco Unity Connection 7.x System" chapter of the *Installation Guide for Cisco Unity Connection Release 7.x* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/installation/guide/7xcucigx.html .

- An existing Connection system, see the "Adding Languages to the Cisco Unity Connection 7.x System" chapter of the *Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/upgrade/guide/7xcucrugx.html.

- An existing Cisco Unified CMBE system, see the "Downloading Connection 7.x Language Files" and "Installing Language Files on the Connection 7.x Server" sections in the "Adding Languages to the Cisco Unity Connection 7.x System" chapter of the *Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/upgrade/guide/7xcucrugx.html.

If you are installing Japanese because you want Cisco Unity Connection Administration to be localized, you must also install the Cisco Unified Communications Manager Japanese locale. See the "Locale Installation" section in the "Software Upgrades" chapter of the *Cisco Unified Communications Operating System Administration Guide*.

If you are installing other languages because you want the Cisco Personal Communications Assistant to be localized, you must also install the corresponding Cisco Unified Communications Manager locales. See the "Locale Installation" section in the "Software Upgrades" chapter of the *Cisco Unified Communications Operating System Administration Guide*.

If you are using Connection languages other than U.S. English, note the following considerations:

- Connection 7.1(3) was not localized, but you can use the languages that were released with Connection 7.1(2) with Connection 7.1(3).

- If you are upgrading from Connection 7.1(2), you do not need to reinstall languages. During the upgrade, the languages currently installed on the Connection 7.1(2) partition are automatically copied to the 7.1(3) partition.

  If you are upgrading from an earlier version of Connection, you need to download and install Connection 7.1(2) languages.

- Changes and additions to web applications and to conversation prompts in Connection 7.1(3) are not available in the version 7.1(2) languages.

License Tag Required to Enable the U.S. English Conversation and Personal Call Transfer Rules

If you want to use English-United States for the Cisco Unity Connection conversation or you want users to be able to create personal call transfer rules, the Connection license must include the license tag LicRegionIsUnrestricted. If one of your Connection licenses does not include the LicRegionIsUnrestricted tag and you want to use the U.S. English Usage and Personal Call Routing Rules Allowed (LicRegionIsUnrestricted) feature, you must install a license that includes the tag. After you install the license, you must restart Connection. (Licenses without this tag are intended only for use outside the United States.)

If you choose not to install a license that enables the U.S. English Usage and Personal Call Routing Rules Allowed (LicRegionIsUnrestricted) feature, you must install one or more Connection languages.

Connection demonstration licenses enable the U.S. English Usage and Personal Call Routing Rules Allowed (LicRegionIsUnrestricted) feature, so you can use English-United States on demonstration systems.

To Determine Whether the U.S. English Conversation and Personal Call Transfer Rules Are Enabled

Step 1   In Cisco Unity Connection Administration, under System Settings, click **Licenses**.

Step 2   On the Licenses page, under the License Count table, locate the U.S. English Usage and Personal Call Routing Rules Allowed (LicRegionIsUnrestricted) feature.

Step 3   If the value of this feature is "Yes," the U.S. English conversation and personal call transfer rules are enabled.

If the value of this feature is "No," the U.S. English conversation and personal call transfer rules are not enabled.

Step 4   If the U.S. English Usage and Personal Call Routing Rules Allowed (LicRegionIsUnrestricted) feature is not enabled, obtain a license that contains the LicRegionIsUnrestricted tag before you install Connection.

Important Notes

Connection IMAP Server Service Should Not Be Stopped or Disabled for an Extended Period of Time

Added October 22, 2010

The Connection IMAP Server service processes events that are placed in the IMAP queue table in the Connection database when voice messages are created, updated, or deleted, even if you do not have active IMAP users. If the service is disabled or stopped, the table continues to grow, and can eventually fill available disk space and cause database instability. Do not stop the service for more than a day at a time or disable the service indefinitely. If you have previously stopped or disabled the service, try restarting the service. If the service does not start, contact Cisco TAC to apply the workaround for caveat CSCti68395.

Limitations and Restrictions

Connection Cannot Be Installed or Operated in IPv6 or Dual-Stack (IPv4 and IPv6) Networks

Revised November 9, 2010

Connection 7.1 does not support IPv6, and cannot be installed or operated in a pure IPv6 network. To install or operate in a dual-stack (IPv4 and IPv6) network, a workaround for CSCtj93659 is required. See the caveat information for CSCtj93659 for more details.

In Connection Cluster, Changed License Data on One Server Does Not Replicate to Other Server

When a new or changed license file is installed on one server of a Cisco Unity Connection cluster, the changed license data is not automatically replicated to the other server.

To replicate the changed license data, you must restart both Connection servers by using the CLI command **utils system restart**.

Media Master Cannot Open WAV Files Saved on a Workstation in G.729a Format

The Media Master cannot open WAV files prerecorded in the G.729a audio format and saved to a workstation.

This limitation has the following workarounds:

- Convert the WAV file to another audio format (for example, convert it to the G.711 audio format).
- Use a WAV file that is recorded in a supported audio format other than G.729a.
- Make the recording by using a phone or a computer microphone.

Note that when Cisco Unity Connection is configured to record in the G.729a audio format, the Media Master functions correctly for recording and playing by using a phone or a computer microphone.

Replacing Disks in a RAID

Connection supports only replacing a defective disk in a RAID with a blank disk to repair the RAID. Replacing disks in a RAID for any other reason is not supported.

⚠
Caution Do not replace a disk in a RAID with a disk that contains data, even if the replacement disk was originally a disk in the same RAID in the same server.

The *Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x* does not include any information on replacing disks in a RAID array. However, because Connection and Cisco Unified Communications Manager mostly use the same servers, you can use the procedures in the "Performing Failed RAID Disk Replacement" section of the "Cisco Unified Communications Manager System Issues" chapter of the *Troubleshooting Guide for Cisco Unified Communications Manager, Release 7.1(2)* at http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/trouble/7_1_2/tbsystem.html.

ViewMail Limitations Regarding Secure Messages

Added February 22, 2010
- Secure messages cannot be forwarded by using Cisco Unity Connection ViewMail for Microsoft Outlook or ViewMail for IBM Lotus Notes.
- ViewMail for Outlook and ViewMail for Notes support only playing secure messages.

- Messages that are composed or replied to by using ViewMail for Outlook or ViewMail for Notes are not sent as secure, even when users are assigned to a class of service for which the Require Secure Messaging field is set to Always or to Ask.

Caveats

The tables in this section list the Severity 1, 2, and 3 open and resolved caveats when Cisco Unity Connection 7.1(3) was released.

You can find the latest caveat information for Cisco Unity Connection version 7.1(3x) and for Connection in Cisco Unified Communications Manager Business Edition version 7.1(3x)—in addition to caveats of any severity for any release—by using Bug Toolkit, an online tool available for customers to query defects according to their own needs. Bug Toolkit is available at http://www.cisco.com/go/bugs.

Note To access Bug Toolkit, you must be logged on to Cisco.com as a registered user.

This section contains the following caveat information:

Release notes for all versions of Cisco Unity Connection are available at http://www.cisco.com/en/US/products/ps6509/prod_release_notes_list.html.

Release notes for all versions of Cisco Unified Communications Manager Business Edition are available at http://www.cisco.com/en/US/products/ps7273/prod_release_notes_list.html.

Open Caveats—Connection Release 7.1(3), and Connection in Cisco Unified CMBE Release 7.1(3)

Click a link in the Caveat Number column to view the latest information on the caveat in Bug Toolkit. (Caveats are listed in order by severity, then by component, then by caveat number.)

Table 1 *Connection Release 7.1(3) and Connection in Cisco Unified CMBE 7.1(3) Open Caveats*

Caveat Number	Component	Severity	Description
CSCsz61254	admin	3	Exception error when deleting SMPP provider
CSCtc10396	admin	3	LDAP Directory Configuration Java Error
CSCtc12762	cobras	3	COBRA - Private list aliases not updated when alias changed in DataViewe
CSCtb87129	config	3	Unity Connection incorrectly reports PIN will expire
CSCsy93981	conversations	3	Vmware: NSServer core dumped while running VUI load
CSCtb70511	conversations	3	ResourceManager tracing is too complex
CSCsy55741	database	3	CuCsMgr may coredump after network disconnect

Table 1   *Connection Release 7.1(3) and Connection in Cisco Unified CMBE 7.1(3) Open Caveats (continued)*

Caveat Number	Component	Severity	Description
CSCta60107	database	3	UC 7.1.2 update subscriber failed at database (QPlan sanity failure)
CSCtb31595	database	3	Serial PIMG guide outlines config incompatible with UC 7.x
CSCtb44466	database	3	IP Address change in UC does not change Digital Networking IP
CSCtb72598	database	3	CUC Schedule treat HH:MM in End Time as HH:MM:59
CSCtb85963	documentation	3	Documentation on how to uninstall Locale
CSCtc12339	documentation	3	UC 7.1(2b)SU1 UC Application Version Very Confusing - Needs to Change
CSCsg33442	hardware	3	Drives not detected correctly on 7845-H1 platform
CSCsk13010	mediamaster	3	hang up in trap, then quickly initiate another trap session, plays again
CSCsr97963	mediamaster	3	SIP integration, MM, record via phone, save on web page fails
CSCsx59022	mediamaster	3	Media master applet fails to function on Safari running Mac OS
CSCsz29647	mediamaster	3	TRaP playback doesn't work in Media Master on Mac with J2SE 5
CSCsr91942	messaging	3	Recorded name not sent with VPIM message if sender is on another server
CSCsy32272	messaging	3	Connectivity loss to Primary may result in temporary call failures
CSCtb62868	messaging	3	Some messages left on secondary after SBR may not be delivered
CSCtb83913	serverrolesmgr	3	SRM may finish before database repair is finished
CSCsr54216	telephony	3	Media fails reading localized text in UTF-8
CSCtb23586	telephony	3	UC not sending a=inactive in conformance with RFC3264
CSCtc05378	telephony	3	UC 7 SIP port lock-up; stuck active call; fail to send BYE
CSCsz24195	vmo	3	After changing web password can't access secure messages in VMO
CSCsz12278	vui	3	Disabling send msgs to SDL in COS does not take effect for VUI user

Resolved Caveats—Connection Release 7.1(3), and Connection in Cisco Unified CMBE Release 7.1(3)

Click a link in the Caveat Number column to view the latest information on the caveat in Bug Toolkit. (Caveats are listed in order by severity, then by component, then by caveat number.)

Table 2   *Connection Release 7.1(3) and Connection in Cisco Unified CMBE 7.1(3) Resolved Caveats*

Caveat Number	Component	Severity	Description
CSCta09513	database	1	Switch version stalls on Unity Connection or CUCMBE, 2.x to 7.1(2)
CSCsz70746	admin	2	VMN and VMO: Limitation of 30 secs when using phone as recording device
CSCta73465	admin	2	Column not found errors after upgrading the publisher in an A/A cluster
CSCta96372	admin	2	BAT: Export of users with voicemail is broken
CSCsz70510	api	2	Connection always uses Primary TRaP ports for Visual Voicemail
CSCta09225	backup	2	Remote access account is not working in CUCMBE
CSCsz24936	database	2	Subscriber node in Active-active rolled back failed
CSCta31289	database	2	Cannot access remote account on subscriber cluster machine

Table 2 Connection Release 7.1(3) and Connection in Cisco Unified CMBE 7.1(3) Resolved Caveats (continued)

Caveat Number	Component	Severity	Description
CSCta45612	database	2	L10N: Locales not available for configuration after ES installation
CSCta92129	javanotifier	2	Resync MWI SysAgent task leaks database connections
CSCtb59535	messaging	2	SMTP /temp folder fills /common partition with temp SMTP messages
CSCta62910	telephony	2	UC 7.0.2 secure voice mail ports do not register using secondary TFTP
CSCsr68377	admin	3	Reports not working with very large database
CSCsw44183	admin	3	CPCA: problems on User Defined Extensions field with LDAP imported user
CSCsw62892	admin	3	HTTP 404 when accessing RSS URL
CSCsy32273	admin	3	UC should not allow bulk delete of imported users
CSCsz58694	admin	3	External Service reports a different server type
CSCsz92830	admin	3	Bulkedit has 9 digit maxlength for ext manipulation
CSCta22045	admin	3	Bulk Edit - Password Only Changes For First User
CSCta33844	admin	3	user-def. alt. ext. should have editable partitions from Web SA
CSCta48293	admin	3	CUCA-Problems related to allowed IP addresses for SMTP Server web page
CSCta64896	admin	3	Failsafe when after message action is Directory Handler
CSCta70257	admin	3	Unity Connection 7x import fails to import external services information
CSCta73162	admin	3	UC7 - Bulk Edit doesn't enable alternate transfer rule
CSCta83302	admin	3	BAT tool allows junk characters to be imported into CUC database
CSCtb01838	admin	3	Potential Unity Connection 7.0 Vulnerabilities identified by WebInspect
CSCtb38049	api	3	VMWS: Case-sensitive alias query makes trap fail on playback for VMN
CSCta01522	backup	3	Backup excludes cache/hostname file
CSCsy82798	cli	3	UC needs utils dbreplication commands for Connection database
CSCta24110	conversations	3	PCTR: Correct day of week is not chosen for some timezones
CSCta86538	conversations	3	Unity Connection plays tts instead of voice name
CSCtb05251	conversations	3	PCTRs is causing the incorrect user to be chosen after the caller input
CSCtb44809	conversations	3	PCTR: Cannot enable rule over TUI and weird PCA behavior
CSCsz90245	core	3	Update libcurl due to security vulnerability
CSCsr47381	database	3	Publisher fails version switch because foreign keys cannot be enabled.
CSCsz56324	database	3	ACN is not populated during import when specified in user template
CSCsz57334	database	3	Cannot write MWI status to db with port objectid (as needed for PIMG)
CSCta76014	database	3	UC 7 - Can't add user - false claim that there is a Duplicate mailbox ID
CSCtb15182	database	3	UC: Setting for "Credential Expires After" not being enforced
CSCtb37109	database	3	Long transaction aborts during SBR in csp_FolderRefreshCounts
CSCsz01601	messaging	3	Long silent delay before signin in UC 2 if external server unreachable
CSCsz90510	messaging	3	ResolveMbxDbSplitBrain.py may not work for > 1 mailbox databases
CSCta02379	messaging	3	IMAP server leaks memory when TLS/SSL is used
CSCtb07285	messaging	3	VMN: Foreign characters in attachment name appear garbled on forward

Table 2   *Connection Release 7.1(3) and Connection in Cisco Unified CMBE 7.1(3) Resolved Caveats (continued)*

Caveat Number	Component	Severity	Description
CSCtb29475	messaging	3	IMAP Access Emails: Conversation Manager crashes periodically underload
CSCtb37084	messaging	3	SBR fails for mailbox database due to no connect permission
CSCtb47993	messaging	3	Smart Host usage in Digital Networking being ignored for replication msg
CSCtb65831	messaging	3	DN: replicator changes smtp address if it's a GUID
CSCtb42268	pca	3	UC 7.1- Personal Contacts Doesn't Filter-Shows All Users Synced Contacts
CSCsr47650	reports	3	DSS: Allow selecting a search space for the Dial Search Scope report
CSCsx38473	serverrolesmgr	3	SRM should not be talking to partner node during upgrade if diff version
CSCsz57360	serverrolesmgr	3	Connection File Syncer Service Not Running After Failover or Failback
CSCsz51668	telephony	3	Notification message shows callerid from two separate calls.
CSCsz68199	telephony	3	UCXN SIP interface only allows calls from 2 servers
CSCsz87456	telephony	3	SIP over TCP doesn't retry next server
CSCta11238	telephony	3	PIMG integration does not support call info updates
CSCta13750	telephony	3	PIMG, "Wait for Call Information" setting does not get applied
CSCta38480	telephony	3	Tomcat crashes under libCsMiuTranscodeJni
CSCsz24295	vmo	3	Attempting to save a secure message in VMO causes an error
CSCta58865	vui	3	UC Voice Recognition apostrophe in any all caps user name breaks

Related Caveats—Cisco Unified Communications Manager 7.1(3) Components That Are Used by Connection 7.1(3)

Revised December 15, 2009

Table 3 describes the Cisco Unified Communications Manager components that are used by Cisco Unity Connection.

Caveat information for the Cisco Unified CM components is available in the following documents:

- *Release Notes for Cisco Unified Communications Manager Release 7.1(3b)* at
  http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/rel_notes/7_1_3/cucm-rel_notes-713b.html.

- *Release Notes for Cisco Unified Communications Manager Release 7.1(3a)* at
  http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/rel_notes/7_1_3/cucm-rel_notes-713a.html.

- *Release Notes for Cisco Unified Communications Manager Release 7.1(3)* at
  http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/rel_notes/7_1_3/cucm-rel_notes-713.html.

Table 3   Cisco Unified CM 7.1(3) Components That Are Used by Connection 7.1(3)

Cisco Unified CM Component	Description
backup-restore	Backup and restore utilities
ccm-serviceability	Cisco Unified Serviceability web interface
cdp	Cisco Discovery Protocol Drivers
cli	Command-line interface (CLI)
cmui	Certain elements in the Connection web interfaces (such as search tables and splash screens)
cpi-afg	Cisco Unified Communications Answer File Generator
cpi-appinstall	Installation and upgrades
cpi-cert-mgmt	Certificate management
cpi-diagnose	Automated diagnostics system
cpi-os	Cisco Unified Communications Operating System
cpi-platform-api	Abstraction layer between the Cisco Unified Communications Operating System and the applications hosted on the platform
cpi-security	Security for connections to the server
cpi-service-mgr	Service Manager (ServM)
cpi-vendor	External vendor issues
cuc-tomcat	Apache Tomcat and third-party software
database	Installation and access to the configuration database (IDS)
database-ids	IDS database patches
ims	Identity Management System (IMS)
rtmt	Real-Time Monitoring Tool (RTMT)

Documentation Updates

Errors

This section lists errors in the current documentation for Cisco Unity Connection and for Connection in Cisco Unified CMBE documentation and gives corrected information. The correct information will be incorporated in a future documentation release, or as otherwise noted.

Cisco Unified Serviceability Administration Guide Release 7.1(2): SNMP Traps and Informs

In the "SNMP Traps and Informs" section in the "Understanding Simple Network Management Protocol" chapter of the *Cisco Unified Serviceability Administration Guide Release 7.1(2)*, the first note (after the first paragraph) should read as follows:

> **Note** Cisco Unified Communications Manager, Cisco Unified Communications Manager Business Edition, and Cisco Unity Connection support SNMP traps.

System Administration Guide for Cisco Unity Connection: Creating a Calendar Integration with Exchange 2007

Added July 9, 2010

The "Creating a Calendar Integration with Exchange 2007" section in the "Creating Calendar Integrations" chapter of the *System Administration Guide for Cisco Unity Connection Release 7.x* (at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/administration/guide/7xcucsagx.html) incorrectly indicates that you can do a calendar integration with Exchange 2007 Server. Calendar integrations with Exchange 2007 Server are no longer supported in Cisco Unity Connection 7.1(3), 7.1(3a), and 7.1(3b).

Note however that contact and text to speech integrations are still supported with Exchange 2007 Server.

Omissions

This section lists new and additional information that is not included in the current documentation for Cisco Unity Connection and for Connection in Cisco Unified Communications Manager Business Edition. The new and additional information will be incorporated in a future documentation release, or as otherwise noted.

Cisco Unified Serviceability Administration Guide Release 7.1(2): SNMP Services

In the "SNMP Services" section in the "Understanding Simple Network Management Protocol" chapter of the *Cisco Unified Serviceability Administration Guide Release 7.1(2)*, the following row was omitted from Table 15-2, "SNMP Services."

Table 4   SNMP Services

MIB	Service	Window
CISCO-UNITY-MIB	Connection SNMP Agent	**Cisco Unity Connection Serviceability > Tools > Service Management.** Choose a server; then, choose Base Services category.

Cisco Unified Serviceability Administration Guide Release 7.1(2): SNMP Management Information Base (MIB)

In the "SNMP Management Information Base (MIB)" section in the "Understanding Simple Network Management Protocol" chapter of the *Cisco Unified Serviceability Administration Guide Release 7.1(2)*, the following section was omitted.

CISCO-UNITY-MIB

The CISCO-UNITY-MIB uses the Connection SNMP Agent to get information about Cisco Unity Connection.

To view the CISCO-UNITY-MIB definitions, go to the following link and click **SNMP V2 MIBs**:

http://www.cisco.com/public/sw-center/netmgmt/cmtk/mibs.shtml

✎

Note Cisco Unity Connection supports this MIB. Cisco Unified Communications Manager does not support this MIB.

The Connection SNMP Agent supports the following objects.

Table 5   Cisco-unity-MIB Objects

Object	Description
ciscoUnityTable	This table contains general information about the Cisco Unity Connection servers such as host name and version number.
ciscoUnityPortTable	This table contains general information about the Cisco Unity Connection voice messaging ports.
General Unity Usage Info objects	This group contains information about capacity and utilization of the Cisco Unity Connection voice messaging ports.

Cisco Unified Serviceability Administration Guide Release 7.1(2): Configuring CISCO-UNITY-MIP Trap Parameters

In the "Configuring SNMP Trap/Inform Parameters" chapter of the *Cisco Unified Serviceability Administration Guide Release 7.1(2)*, the following text should be included as the "Configuring CISCO-UNITY-MIB Trap Parameters" section.

Connection only: The Connection SNMP Agent does not enable trap notifications, though traps can be triggered by Cisco Unity Connection alarms. You can view Cisco Unity Connection alarm definitions in Cisco Unity Connection Serviceability, on the Alarm > Definitions screen.

You can configure trap parameters by using the CISCO-SYSLOG-MIB. See the "Configuring CISCO-SYSLOG-MIB Trap Parameters" section.

Interface Reference Guide for Cisco Unity Connection Administration Release 7.x: Messaging Configuration (Cisco Unity Connection 7.1)

In the "Messaging Configuration (Cisco Unity Connection 7.1)" section in the "Advanced Settings" chapter of the *Interface Reference Guide for Cisco Unity Connection Administration Release 7.x*, the following rows were omitted from Table 11-5, "Messaging Configuration Page."

Table 6   Messaging Configuration Page

Field	Description
Use Access Lists to Control Who Can Send to System Distribution Lists	Check this check box so that Cisco Unity Connection uses a group of users defined in an access list to limit the users who can send messages to a system distribution list. For each system distribution list that receives messages, you create a second distribution list with an alias comprised of the alias of the original list plus a suffix that is defined in the System Distribution List Alias Suffix for Access Lists field. For example, to set up an access list for a system distribution list that has the alias allvoicemailusers, if the value in the System Distribution List Alias Suffix for Access Lists field is -accesslist, you would create a second system distribution list with the alias allvoicemailusers-accesslist, and add as members of the access list any users who need to be able to send messages to allvoicemailusers. Note that users who are members of the access list must also have their search scope set to a search space that includes the partition of the system distribution list in order to address messages to the list.
	Uncheck this check box so that Connection does not restrict access to system distribution lists. When this check box is not checked, Connection allows any users whose search space includes the partition of a distribution list to send messages to the list.
	Default setting: Check box not checked.
Allow Delivery of Messages to System Distribution Lists That Have No Access List	Check this check box so that Cisco Unity Connection allows messages to be delivered to system distribution lists that do not have an access list created for them.
	Uncheck this check box to have Connection reject all messages sent to system distribution lists that do not have an access list created for them, and send a nondelivery receipt (NDR) to the message sender.
	This setting has no effect when the Use Access Lists to Control Who Can Send to System Distribution Lists check box is not checked.
	Default setting: Check box not checked.
System Distribution List Alias Suffix for Access Lists	Enter a text suffix that Cisco Unity Connection uses to match an access list to the system distribution list that it controls. For example, to set up an access list for a system distribution list that has the alias allvoicemailusers, if the value in the System Distribution List Alias Suffix for Access Lists field is -accesslist, you would create a second system distribution list with the alias allvoicemailusers-accesslist, and add as members of the access list any users who need to be able to send messages to allvoicemailusers.
	This setting has no effect when the Use Access Lists to Control Who Can Send to System Distribution Lists check box is not checked.
	Default setting: -accesslist.

Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x: Replacing a 7.x Publisher Server in a Connection Cluster

Added October 27, 2009
In the "Replacing Cisco Unity Connection 7.x Servers" chapter of the *Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x*, the caution text below should be included in the following locations:

- In the "Replacing a 7.x Publisher Server in a Connection Cluster" section in the caution in the "To Install the Replacement Publisher Server" procedure.

- In the "Replacing the 7.x Publisher and Subscriber Servers in a Connection Cluster" section, in the "When Both Original Servers Are Available and Functioning" subsection, in the caution in the "To Install the Replacement Publisher Server" procedure.

⚠
Caution The replacement publisher server must have the same security password as the publisher server that you removed, which also matches the security password for the subscriber server. Otherwise, the Connection cluster will not be able to function. If you do not know the security password, you can change it on the subscriber server before you install the publisher server by using the **set password user** CLI command. For more information, see the applicable version of the *Command Line Interface Reference Guide for Cisco Unified Communications Solutions* at
http://www.cisco.com/en/US/products/ps6509/prod_maintenance_guides_list.html.

Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x: Task List for Migrating from Cisco Unity 4.x or Later to Connection 7.x

In the "Task List for Migrating from Cisco Unity 4.x or Later to Connection 7.x" section in the "Migrating from Cisco Unity 4.x or Later to Cisco Unity Connection 7.x" chapter of the *Reconfiguration and Upgrade Guide for Cisco Unity Connection Release 7.x*, Task 2 omitted some information and should be replaced with the following two tasks:

2. Copy or obtain reissued Cisco Unity license files, depending on the type of server you are installing:

Reusing current Cisco Unity server rather than installing a new server	Copy the Cisco Unity license files to a network location. Do not install the license files now; you do so later in the migration process.
Installing a new server	**a.** Obtain reissued Cisco Unity license files with the MAC address of the new Cisco Unity Connection server. See the "Managing Licenses" chapter of the *System Administration Guide for Cisco Unity Connection Release 7.x* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/administration/guide/7xcucsagx.html.
	b. Save the reissued license files to a network location. Do not install the license files now; you do so later in the migration process.

3. Obtain a Cisco Unity Connection 7.x migration license file with the applicable MAC address, then save the file to a network location. Do not install the license file now; you do so later in the migration process.

See the "Managing Licenses" chapter of the *System Administration Guide for Cisco Unity Connection Release 7.x* at
http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/administration/guide/7xcucsagx.html.

System Administration Guide for Cisco Unity Connection Release 7.x: Using Advanced Settings to Enable System Distribution List Access Lists

The following content should be included as the "Using Advanced Settings to Create System Distribution List Access Lists" section in the "Managing System Distribution Lists" chapter of the *System Administration Guide for Cisco Unity Connection Release 7.x*.

You can use search spaces and partitions to control who can send messages to system distribution lists—for example, you create a new partition called "Distribution Lists Partition," configure the lists that you want to control to use this partition, and assign a search space that includes this partition to users who have permission to send to the lists. However, if you have a large number of lists that each have a specific subset of users who are authorized to send messages to them, the search space approach may not scale well, and you may reach the limit on the number of partitions and search spaces that you can create on the server. As an alternative approach, you can configure advanced settings that allow you to set up individual access lists for each system distribution list that you want to control.

When you enable the access list feature, for each system distribution list that receives messages, you create a second system distribution list with an alias that is created from the alias of the original list plus a suffix that identifies the list as an access list. For example, to set up an access list for a system distribution list that has the alias allvoicemailusers, if the suffix is -accesslist, you create a second system distribution list with the alias allvoicemailusers-accesslist, and add as members of the access list any users who need to be able to send messages to allvoicemailusers. Note that users who are members of the access list must also have their search scope set to a search space that includes the partition of the system distribution list in order to address messages to the list.

Use the following task list to set up system distribution list access lists:

1. Configure the advanced settings that enable and control the access lists. Do the "To Enable and Configure System Distribution List Access Lists" procedure on page 27. If you are using Digital Networking to connect multiple Connection servers, do this task on all of the servers.

⚠
Caution   In a digital network, the values for the advanced settings that enable and control access lists must be configured identically on each location in the network in order for access lists to function properly.

2. For each system distribution list that you want to control with an access list, create a new system distribution list with an alias that is created from the alias of the original list plus a suffix that is defined in the System Distribution List Alias Suffix for Access Lists field. See the "Creating System Distribution Lists" section in the "Managing System Distribution Lists" chapter of the *System Administration Guide for Cisco Unity Connection Release 7.x*.

🔍
Tip   The Connection Distribution List Builder tool can be used to bulk add users to a new or existing system distribution list based on a number of search criteria or by importing from a comma-separated value (CSV) file. Download the latest version, and view training videos and Help at http://www.ciscounitytools.com/APP_PDLBuilder_Linux.htm.

To Enable and Configure System Distribution List Access Lists

Step 1   In Cisco Unity Connection Administration, expand **System Settings**, expand **Advanced**, then click **Messaging**.

Step 2   To enable system distribution list access lists, check the **Use Access Lists to Control Who Can Send to System Distribution Lists** check box. (This check box is unchecked by default.)

Step 3 To have Cisco Unity Connection continue to allow messages to be sent to system distribution lists that do not have access lists created for them, check the **Allow Delivery of Messages to System Distribution Lists That Have No Access List** check box. Uncheck this check box to have Connection reject all messages sent to system distribution lists that do not have an access list, and send a non-delivery receipt (NDR) to the message sender.

Step 4 To specify the suffix that is used to distinguish access lists, enter a suffix in the **System Distribution List Alias Suffix for Access Lists** field. The default suffix is -accesslist.

Step 5 Click **Save**.

Troubleshooting Information

Cisco Unity Connection troubleshooting information can be found in the *Troubleshooting Guide for Cisco Unity Connection Release 7.x* at http://www.cisco.com/en/US/docs/voice_ip_comm/connection/7x/troubleshooting/guide/7xcuctsgx.html.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, 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

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

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

Further information regarding U.S. export regulations may be found at http://www.access.gpo.gov/bis/ear/ear_data.html.