



Release Notes for Cisco Unified Mobility Release 1.2(6)

January 9, 2008

These release notes describe limitations and restrictions, important notes, caveats, and documentation updates for Cisco Unified Mobility (formerly Cisco Unified MobilityManager) Release 1.2(6).

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Related Documentation

Cisco Unified Mobility Documentation

Refer to the documentation set for Cisco Unified Mobility for detailed configuration and use information. Navigate from the following URL:

http://www.cisco.com/en/US/products/ps6567/tsd_products_support_maintain_and_operate.html

Cisco Unified IP Phone Documentation

Refer to publications that are specific to your language, phone model and Cisco Unified Communications Manager version. Navigate from the following URL:

http://www.cisco.com/en/US/products/hw/phones/ps379/tsd_products_support_maintain_and_operate.html

Cisco Unified Communications Manager Documentation

Refer to the Cisco Unified Communications Manager Documentation Guide and other publications specific to your Cisco Unified Communications Manager version. Navigate from the following URL:

http://www.cisco.com/en/US/products/sw/voicesw/ps556/tsd_products_support_maintain_and_operate.html

Installation Notes

Cisco Unified Mobility Release 1.2(6) is compatible with Cisco Unified Communications Manager Release 4.x and 5.x. The following installation notes apply to this release:

- Restart Cisco Unified Mobility whenever Cisco Unified Communications Manager is upgraded.
- During a new installation, you may be prompted to respond to multiple “DVD Found/Media Check” messages. At the first prompt, enter **Yes** to ensure the integrity of the DVD. Then enter **No** to subsequent prompts to continue the installation.
- If you are upgrading from a previous Cisco Unified Mobility Release 1.2 release, you can perform a software upgrade.
- Cisco Security Agent (CSA) is supported in Cisco Unified Mobility Release 1.2(6). If you are upgrading from Release 1.2(3) to 1.2(6), disable Cisco Security Agent (CSA) before performing the upgrade.
- If you are upgrading from Cisco Unified Mobility Release 1.1(2), you must do a new install. The new install must be on a system with the same IP address as the system used for Cisco Unified MobilityManager 1.1(1). For more information about installation, refer to the *Cisco Unified Mobility Installation Guide*:

http://www.cisco.com/en/US/docs/voice_ip_comm/cumm/1_2/english/install/guide/1_2_1.html

Important Notes

This section provides information about Cisco Unified Communications Operating System support. For more information, see the *Cisco Unified Communications Operating System Administration Guide*. Navigate from the following URL:

http://cisco.com/en/US/products/sw/voicesw/ps556/prod_maintenance_guides_list.html

The following Cisco Unified Communications Operating System GUI options are *not* supported:

- Clusters
- Simple Mail Transfer Protocol (SMTP)
- Security: Certificate Management and IPSec Management

Migrating from Cisco Unified Mobility to Cisco Unified Communications Manager

This section provides guidelines for migrating Cisco Unified Mobility data to Cisco Unified Communications Manager 6.0.



Note

Before performing the migration, verify that the user names configured for Cisco Unified Mobility are also configured in Cisco Unified Communications Manager. Specifically, if *user1* is the Cisco Unified Mobility user whose data will be migrated to Cisco Unified Communications Manager, *user1* must already be in the Cisco Unified Communications Manager database.



Note

Cisco Unified Communications Manager 6.0 does not allow remote destination numbers to be shared; therefore, you must remove any duplication during migration.



Note

The remote destination number in Cisco Unified Mobility may have a 9 or 91 prefix access code. Confirm that these prefixes are consistent with the Cisco Unified Communications Manager 6.0 configuration during migration.

Migration Files

The data files listed in this section must be migrated to Cisco Unified Communications Manager.

CMMRDPProfile.csv

This file contains the following fields:

REMOTE DESTINATION PROFILE NAME,DESCRIPTION,USER ID,DIRECTORY NUMBER
1,CSS,DEVICE POOL

The REMOTE DESTINATION PROFILE NAME is taken from the Mobile Voice Access User ID field in Cisco Unified Mobility. CSS and DEVICE POOL are derived from an AXL query from Cisco Unified Communications Manager

In the DESCRIPTION field, the tool adds a default description, *userID_RDP*.

Example:

1681000RDP,johndoe_RDP,johndoe,1681000,everyonecss,Default

CMMAccessList.csv

This file contains the following fields:

ACCESS LIST NAME,ACCESS LIST DESCRIPTION,ACCESS LIST ALLOWED,ACCESS LIST OWNER,ACCESS LIST MEMBER 1

Example:

allow1,,t,johndoe,5551212

CMMRemoteDestination.csv

This file contains the following fields:

DESTINATION,NAME,DUAL MODE DEVICE,REMOTE DESTINATION PROFILE,ISMOBILEPHONE,ANSWER TOO SOON TIMER,ANSWER TOO LATE TIMER,DELAY BEFORE RINGING TIMER,ACCESS LIST ALLOWED,ACCESS LIST BLOCKED,SMART CLIENT INSTALLED,ENABLE MOBILE CONNECT,ASSOCIATED LINE NUMBER,PARTITION

In the DESTINATION NAME field, the tool adds a default name *userID_RD*.

Example:

95551212,johndoe_RD,f,1681000,t,1500,0,0,,,f,t,1681000,

CMMUserEnable.csv

This file contains the following fields:

USER ID,ENABLE MOBILITY,ENABLE MOBILE VOICE ACCESS

Example:

johndoe,t,t

CMMFeatureDataExport.log

This file contains warning messages.

Example:

Feature Data checking starts -----.
Remote Destination 95551212 has been associated with two users: 1681000RDP and 1682000RDP.
Feature Data checking ends -----.

Migrating the Cisco Unified Mobility Data

Use this process to migrate standalone Cisco Unified Mobility data to Cisco Unified Communications Manager Release 6.0(1):

Procedure

Step 1 Log into Cisco Unified Mobility and export the configuration data files in CSV format:

- Use **Export > Feature Data** for CMMRDProfile.csv, CMMAccessList.csv, CMMRemoteDestination.csv, and CMMUserEnable.csv.
- Use **Export > Log** for CMMFeatureDataExport.log.

- Step 2** Log into Cisco Unified Communications Manager Administration Release 6.0(1). Choose **Bulk Administration > Upload/Download Files** to upload the four CSV files.
- Step 3** Choose **Bulk Administration > Mobility > Remote Destination Profile > Remote Destination Profile Template** to create a template and its associated line template. In the Rerouting Calling Search Space field, enter the value taken from the Outgoing CTI port Calling Search Space in your current Cisco Unified Communications Manager system.
- Step 4** Choose **Bulk Administration > Mobility > Remote Destination Profile**, and insert the file CMMRDProfile.csv. Check the error log to verify that no error occurs.
- Step 5** Choose **Bulk Administration > Mobility > Access List**, and insert the file CMMAccessList.csv. Check the error log to verify that no error occurs.
- Step 6** Choose **Bulk Administration > Mobility > Remote Destination**, and insert the file CMMRemoteDestination.csv. Check the error log to verify that no error occurs.
- Step 7** Choose **Bulk Administration > Users**, and update the file CMMUserEnable.csv. Check the error log to verify that no error occurs.
-

Bulk Provisioning CLI

A new CLI utility in Cisco Unified Communications Operating System administration allows for bulk provisioning of Cisco Unified Mobility users.

Before you can perform bulk insertion of users, you must create a userinfo.csv file on a Secure File Transfer Protocol (SFTP)-enabled system. The userinfo.csv file must be in comma-separated value (CSV) format (columns that require non-blank entries are marked with *):

- Mobile_Voice_Access_User ID*
- Mobile_Unified_Communications Manager User ID*
- DeviceName
- Enable User Remote Access
- Maximum number of Group Allowed
- Maximum number Line Appearance Allowed
- Maximum number of Remote Destination Allowed*
- Maximum number of Allowed Caller Filters Allowed*
- Maximum number of Blocked Caller Filters Allowed*
- Group Identification*
- Description
- Line Number*
- Enable Caller ID Override
- Caller ID Override Number
- Enable Delay Before Ringing Cellular Phone
- Delay Before Ringing Cellular Phone (msec)
- Maximum wait time for desk phone pickup (msec)
- Enable Cellular Phone Pickup

- Remote Destination*
- CallerID
- Enable Mobile Connect
- Enable Maximum Cellular Phone Pickup Timer
- Maximum Cellular Phone Pickup Timer (msec)
- Enable Maximum Cellular Phone Ring Timer (msec)
- Maximum Cellular Phone Ring Timer (msec)
- Enable Minimum Cellular Phone Ring/Pickup Timer
- Minimum Cellular Phone Ring/Pickup Timer (msec)

By convention, the first line of a CSV (comma-separated format) file is reserved for comments. Therefore, enter input values starting in the second row.

For example, an input line for the userinfo.csv file might be:

```
1000,usera,,no,1,1,1,1,1,1,test,1681000,enable,,enable,4000,10000,enable,99023136,,yes,enable,2000
0,enable,19000,default,9000
```

After creating the CSV file, follow these steps to add the user information using bulk provisioning:

Procedure

-
- Step 1** Enter this command to send the userinfo.csv file from the SFTP server to the Cisco Unified Mobility server:
- ```
utils get_cisco_mobile_connect_users_info
```
- Step 2** Enter this command:
- ```
utils cisco_mobile_connect_users_insert
```
- The system prompts with the following question:
- Do you want to delete all the cisco mobile connect users from the database (Y/N):**
- Do one of the following:
- Select **y**, to delete the user information from the database and insert the contents of the new userinfo.csv file into the database.
 - Select **n**, to skip bulk deletion and proceeds with normal bulk insertion of userinfo.csv contents into the database.
- Step 3** Log in to the Cisco Unified Mobility administration web interface.
- Step 4** Choose **System > Data Synchronization**.
- Step 5** Click **Start Now** to begin data synchronization and load the Mobile Connect users into memory.
-

The following information applies to bulk provisioning:

- The user data is not validated by way of an AXL request to Cisco Unified Communications Manager.
- If the file format is incorrect, the bulk provisioning is executed, but the information is not added to the user database.
- Each user ID is associated with only one remote destination.

Cisco Unified Communications Operating System CLI Commands

The following CLI commands are supported:

- **file check**
- **show firewall**
- **show logins**
- **show open files**
- **show open ports**
- **show timezone config**
- **utils create report hardware**
- **utils create report platform**
- **unset network dns**
- **utils cisco_mobile_connect_users_insert**
- **utils get_cisco_mobile_connect_users_info**
- **utils reset_ui_administrator_password**

Limitations and Restrictions

This section describes limitations and restrictions that apply to Cisco Unified Mobility Release 1.2(6).

Cryptographic Features

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.

Supported MCS Servers

The following MCS servers are supported for Cisco Unified Mobility Release 1.2(6):

- MCS-7815-I1 (3.0 GHz)
- MCS-7815-I2
- MCS-7816-H3
- MCS-7816-I3
- MCS-7825-H1 (3.4 GHz)

- MCS-7825-H2
- MCS-7825-H3
- MCS-7825-I2
- MCS-7825-I3
- MCS-7835-H1 (3.4 GHz)
- MCS-7835-H1 retrofit
- MCS-7835-H2
- MCS-7835-I1 (3.4 GHz)
- MCS-7835-I1 retrofit
- MCS-7835-I2
- MCS-7845-H1 (3.4 GHz dual processor)
- MCS-7845-H1 retrofit
- MCS-7845-H2
- MCS-7845-I1 (3.4 GHz dual processor)
- MCS-7845-I1 retrofit
- MCS-7845-I2

**Note**

Cisco Unified Mobility Release 1.2(6) does not currently support the MCS-7825-I1 server.

Server Information

The following notes apply to server upgrades for Cisco Unified Mobility:

- Moving hard disk drives from one server model to another is not supported (for example, MCS-7845-H1 to MCS-7845-H2). For example, the MCS-7845-H1 disks are SCSI based, while the MCS-7845-H2 disks are SAS based. Moving SCSI disks to an MCS-7845-H2 would cause an installation failure.
- Moving hard disk drives from one server to another server of the same model is not supported if done as part of an upgrade. There may be compatibility issues that relate to the different versions of Cisco Unified Mobility that are installed on the different disk drives.

Mozilla/Firefox Browsers

Cisco Unified Mobility does not support simultaneous login to the administrator and user web pages.

Caveats

This section contains these topics:

- [Using Bug Toolkit, page 9](#)
- [Open Caveats, page 9](#)
- [Resolved Caveats, page 10](#)

Using Bug Toolkit

Known problems (bugs) are graded according to severity level. These release notes contain descriptions of:

- All severity level 1 or 2 bugs.
- Significant severity level 3 bugs.

You can search for problems by using the Cisco Software Bug Toolkit.

To access Bug Toolkit, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

To use the Software Bug Toolkit, follow these steps:

Procedure

-
- Step 1** To access the Bug Toolkit, go to http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl.
- Step 2** Log on with your Cisco.com user ID and password.
- Step 3** Click the **Launch Bug Toolkit** hyperlink.
- Step 4** To look for information about a specific problem, enter the bug ID number in the “Enter known bug ID” field and click **Search**.
-

Open Caveats

[Table 1](#) lists Severity 1, 2 and 3 defects that are open for Cisco Unified Mobility Release 1.2(6).

For more information about an individual defect, you can access the online record for the defect by clicking the Identifier or going to the URL shown. You must be a registered Cisco.com user to access this online information.

Because defect status continually changes, be aware that [Table 1](#) reflects a snapshot of the defects that were open at the time this report was compiled. For an updated view of open defects, access Bug Toolkit as described in the [Using Bug Toolkit, page 9](#).

Table 1 *Open Caveats for Cisco Unified Mobility Release 1.2(6)*

Identifier	Headline and Bug Toolkit Link
CSCsm03341	Incorrect status update on DRS storage location page due to no DNS server http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsm03341
CSCsl91207	During upgrade from 1.2.5 to 1.2.6, upgrade status shows “running” instead of “complete” http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsl91207
CSCsm11486	At the completion of Media Check, it is necessary push the DVD tray back in http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsm11486

Resolved Caveats

Table 2 lists Severity 1, 2 and 3 defects that are resolved for Cisco Unified Mobility Release 1.2(6).

For more information about an individual defect, you can access the online record for the defect by clicking the Identifier or going to the URL shown. You must be a registered Cisco.com user to access this online information.

Because defect status continually changes, be aware that Table 2 reflects a snapshot of the defects that were resolved at the time this report was compiled. For an updated view of resolved defects, access Bug Toolkit as described in the “Using Bug Toolkit” section on page 9.

Table 2 **Resolved Caveats for Cisco Unified Mobility Release 1.2(6)**

Identifier	Headline and Bug Toolkit Link
CSCsi75567	MCS-7825H2-IPC1 server reboots for no apparent reason http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi75567
CSCsi89656	Security updates are missing for some RH OS packages http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi89656
CSCsl26587	Daylight savings time (DST) changes needed for Australia http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsl26587
CSCsk91575	DST changes needed for areas including Venezuela, Indiana, Egypt, and Gaza http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsk91575
CSCsl21961	Framework is needed to install patches and DST changes http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsl21961
CSCsi39214	7816I3 needs correct BIOS settings for SATA http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi39214
CSCsl28690	A BIOS configuration error occurs during a fresh install on a 7816-I3 http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsl28690
CSCsi30296	Problem collecting output from CLI http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi30296
CSCsj46199	Caller picking up at remote destination is connected to music on hold and calling party is not connected. http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsj46199
CSCsd99095	SNR: AXL device lookup fails with special characters in password http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsd99095
CSCsl00778	Default JTAPI needs to be upgraded from 2.1(2.3) to 2.1(3) http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsl00778
CSCsk61374	Exported file does not include partition information for remote destination http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsk61374
CSCsl96090	Hardware profile is not generated following reboot http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsl96090

Table 2 **Resolved Caveats for Cisco Unified Mobility Release 1.2(6) (continued)**

Identifier	Headline and Bug Toolkit Link
CSCsm01707	CLI command utils create report platform should be supported http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsm01707
CSCsm03887	Time displays incorrectly after the time is changed from the platform pages http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsm03887

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information about obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and 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.

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