Cisco Unified Communications Manager Device Package 9.1(2)(12039-1) Release Notes

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- Consult the dealer or an experienced radio/TV technician for help.

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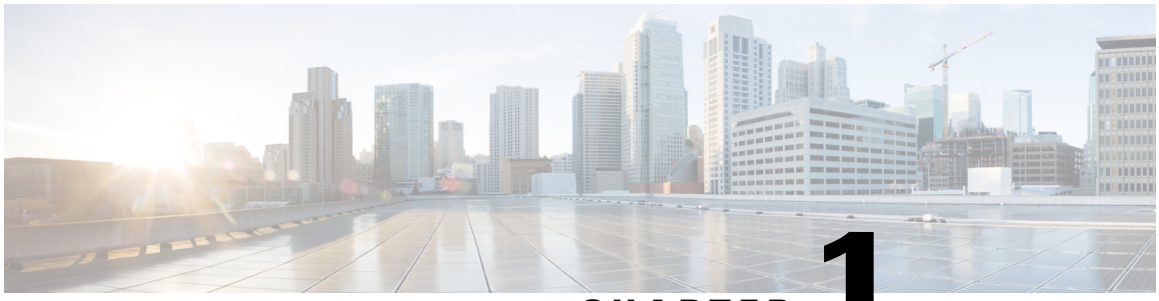

CHAPTER 1

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Introduction

Cisco Unified IP Phone 6921, 6941, and 6961

Cisco Unified Communications Manager Device Package 9.1(2) introduces support for Rate Limit for Multicast and Broadcast Traffic feature available with Firmware Release 9.4(1)SR1.

The feature is supported on the following Cisco Unified IP phones (SCCP):

- Cisco Unified IP Phone 6921
- Cisco Unified IP Phone 6941
- Cisco Unified IP Phone 6961

You must download and install Cisco Unified Communications Manager Device Package 9.1(2) for the Rate Limit for Multicast and Broadcast Traffic feature to function properly.

For additional information, see Cisco Unified IP Phone 6900 Series Release Notes for Firmware Release 9.4(1)SR1.

Cisco Unified IP Conference Phone 8841, 8851, 8861

Cisco Unified Communications Manager Device Package 9.1(2) introduces support for Cisco IP Phone 8841, 8851, 8861. You must download and install Cisco Unified Communications Manager Device Package 9.1(2) for Cisco IP Phone 8841, 8851, 8861 to function properly.

Cisco TelePresence MX700 and MX800

Cisco Unified Communications Manager Device Package 9.1(2) introduces support for the Cisco TelePresence MX700 and MX800 running TC7.1(2). You must install Cisco Unified Communications Manager Device Package 9.1(2) for the MX700 and MX800 to function correctly.

Cisco Desktop Collaboration Experience DX70 and DX80

Cisco Unified Communications Manager Device Package 9.1(2) introduces support for Cisco Desktop Collaboration Experience DX70 and DX80. You must install Cisco Unified Communications Manager Device Package 9.1(2) for Cisco Desktop Collaboration Experience DX70 and DX80 to function correctly.

Cisco Desktop Collaboration Experience DX650

Cisco Unified Communications Manager Device Package 9.1(2) introduces support for the Public Mode feature available with Firmware Release 10.1(2). The feature is supported on the Cisco Desktop Collaboration Experience DX650.

You must download and install Cisco Unified Communications Manager Device Package 9.1(2) for the Public Mode feature to function properly.

For additional information, see Release Notes for Cisco Desktop Collaboration Experience DX650, Release 10.1(2).

Access Cisco Bug Search

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

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

You can search for problems by using the Cisco Bug Search.

Before You Begin

To access Cisco Bug Search, you need the following items:

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

Procedure

Step 1 To access the Cisco Bug Search, go to:
https://tools.cisco.com/bugsearch

Step 2 Log in with your Cisco.com user ID and password.

Step 3 To look for information about a specific problem, enter the bug ID number in the Search for field, then press **Enter**.

Software Version Identification

You can determine the version of Cisco Unified Communications Manager software that is running on your server by accessing Cisco Unified Communications Manager Administration and then clicking Help/About.

Software Compatibility

This Cisco Unified Communications Manager Device Package release is compatible with Cisco Unified Communications Manager 9.1(2).

Note Review the Show Software page in Cisco Unified OS Administration to determine your installed Device Package. Cisco recommends that you *do not* install an older version of the Device Package.

Be aware that Cisco IP telephony endpoint releases do not always coincide with Cisco Unified Communications Manager releases. We recommend that you upgrade to the latest firmware.

For the latest compatibility combinations and defects, go to the following locations:

- For the Cisco Unified IP Phone Feature and Cisco Unified Communications Manager Device Pack Compatibility Matrix, see http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/compat/devpack_comp_mtx.html.
- For Cisco Unified IP Phone, see:
  - 39xx: http://www.cisco.com/cisco/software/navigator.html?mdfid=280896546&i=rm
  - 69xx: http://www.cisco.com/cisco/software/navigator.html?mdfid=282601278&i=rm
  - 78xx: http://www.cisco.com/cisco/software/navigator.html?mdfid=284892537&i=rm
  - 79xx: http://www.cisco.com/cisco/software/navigator.html?mdfid=269065653&i=rm
  - 88xx: http://software.cisco.com/download/navigator.html?mdfid=284729655&i=rm
  - 89xx: http://www.cisco.com/cisco/software/navigator.html?mdfid=282677102&i=rm
  - 99xx: http://www.cisco.com/cisco/software/navigator.html?mdfid=282677106&i=rm
  - Cius 4G and Cius Wi-Fi: http://www.cisco.com/cisco/software/navigator.html?mdfid=283319885

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- DX650: http://www.cisco.com/cisco/software/navigator.html?mdfid=284721679&i=rm

For Cisco Unified IP Phone documentation, see the Select Your Product or Technology page on Cisco.com. The URL is http://www.cisco.com/cisco/web/psa/default.html?mode=prod.

To navigate to your documentation:

- Select **Products**
- Select **Collaboration Endpoints**
- Select **IP Phones** or **Smart Desk Endpoints** (Cius users)
- Select your product

Cisco Unified Communications Manager Device Package 9.1(2) Release Notes

The following table lists the filename and MD5 for the Cisco Unified Communications Manager Device Package Release 9.1(2).

Table 1: Cisco Options Package Filename and MD5

File	MD5
cmterm-devicepack9.1.2.12039-1.cop.sgn	1347cab84bcfa1898019a9dec411dd88

Install a Device Pack

Apply this device package to all of your Cisco Unified Communications Manager servers, beginning with the publisher server and the TFTP server.

When you apply a Device Package to enable new device support, a cluster-wide reboot is required for those devices to register successfully. A cluster-wide reboot is not required when you apply a Device Package to update existing firmware or configuration.

You must perform all software installations and upgrades by using the Software Upgrades menu options. The system can upload and process only software that Cisco approved. You cannot install or use third-party or Windows-based software applications that you used with a previous version of Cisco Unified Communications Manager.

Note This Device Package is necessary to obtain configuration capability for new features and phone models. Otherwise individual device firmware are installed with individual device load Cisco Options Package file, or you can upload the individual device load files to the TFTP directory. After the new files are present in the TFTP folder, restart the TFTP service from the Cisco Unified Serviceability web page. Then go to CCMAdmin >Device >Device Settings >Device Defaults and manually change the name of the load file (for specific devices) to the new load. Click Save. Reset the devices.

Before You Begin

We recommend that you apply this device package during a maintenance window.

Device packages are installed on the active partition and cannot be uninstalled. We recommend that you take a DRS backup before the installation. For backup procedure, see the *Disaster Recovery System Administration Guide* for each version of Cisco Unified Communications Manager at http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/products-maintenance-guides-list.html.

Procedure

Step 1 Using your web browser, log in to the Cisco Unified Communications Operating System Administration web page.

Step 2 From the Software Upgrades menu, select **Install/Upgrade**.

Step 3 Fill in the appropriate values in the Software Location section and click **Next**.

Step 4 In the Available Software drop-down box, select the device package file and click **Next**.

Step 5 Verify that the MD5 has the correct value. Click **Next**.

Step 6 In the Warning box, verify that you selected the correct firmware and click **Install**.

Step 7 Check that you received a Success message.

Note Skip to Step 9 if rebooting the cluster.

Step 8 Stop and restart the TFTP server.

Step 9 Reset the affected devices to upgrade the devices to the new load.

Uninstall a Device Pack

You cannot uninstall the Device Package. However, you can change the device defaults for devices you wish to roll back.

Procedure

Step 1 Using your web browser, log in to the Cisco Unified CM Administration web page.
Step 2 Navigate to **Device** > **Device Settings** > **Device Defaults**.
Step 3 Set the affected devices back to their previous firmware settings.
Step 4 Click **Save**.
Step 5 Reset the affected devices.

Log File Information

The system creates log files that you can view using the Cisco Unified Communications Manager Serviceability Real-Time Monitoring Tool. Follow these paths to view each of the log files:

- Select **Trace and Log Central** > **Remote Browse** > **Install and Upgrade Logs**.
- Select **Trace and Log Central** > **Collect Files** > **Install and Upgrade Logs**.
- Select **Trace and Log Central** > **Query Wizard** > **Install and Upgrade Logs**.
- Select **Trace and Log Central** > **Schedule Collection** > **Install and Upgrade Logs**.

Unified Communications Manager Endpoints Locale Installer

By default, Cisco IP Phones are set up for the English (United States) locale. To use the Cisco IP phones in other locales, you must install the locale-specific version of the Unified Communications Manager Endpoints Locale Installer on every Cisco Unified Communications Manager server in the cluster. The Locale Installer installs the latest translated text for the phone user interface and country-specific phone tones on your system so that they are available for the Cisco IP Phones.

To access the Locale Installer required for a release, access http://software.cisco.com/download/navigator.html?mdfid=286037605&flowid=46245, navigate to your phone model, and select the Unified Communications Manager Endpoints Locale Installer link.

For more information, see the "Locale Installer" section in the *Cisco Unified Communications Operating System Administration Guide*.

Note The latest Locale Installer may not be immediately available; continue to check the website for updates.

Firmware Version Identification

The following table shows the latest device, load, and release versions that are compatible with Cisco Unified Communications Manager Device Package Release 9.1(2).

Table 2: Compatible Devices

Device type	Load Name	Version
3905	3905.9-4-1-0	9.4(1.0)
3911_3951-sip	3911_3951-sip.8-1-4a	8.1(4.0)
6608	6608-4.0.0.32-mgcp	4.0(0.32)
6608cfb	6608cfb-4.0.0.03-sccp	4.0(0.3)
6608mtp	6608mtp-4.0.0.06-sccp	4.0(0.6)
6624	6624-4.0.0.13-mgcp	4.0(0.13)
6901_6911-sccp	6901_6911-sccp.9-3-1-SR1-3	9.3(1SR1.3)
6901_6911-sip	6901_6911-sip.9-3-1-SR1-3	9.3(1SR1.3)
6945-sccp	6945-sccp.9-4-1-3	9.4(1.3)
6945-sip	6945-sip.9-4-1-3	9.4(1.3)
69xx-sccp	69xx-sccp.9-4-1-3SR13	9.4(1.3SR1.3)
69xx-sip	69xx-sip.9-4-1-3	9.4(1.3)
78xx	78xx.10-1-1SR1-4	10.1(1SR1.4)
7902	7902-8.0.2-sccp	8.0(2.0)
7905	7905-8.0.1.1-sip	8.0(1.1)
7905	7905-8.0.3-sccp	8.0(3.0)
7910	7910-5.0.7.0-sccp	5.0(7.0)
7911_7906-sccp	7911_7906-sccp.9-3-1SR4-1	9.3(1SR4.1)
7911_7906-sip	7911_7906-sip.9-3-1SR4-1	9.3(1SR4.1)
7912	7912-8.0.1.1-sip	8.0(1.1)
7912	7912-8.0.4-sccp	8.0(4.0)
7914-sccp	7914-sccp.5-0-4	5.0(4.0)
7915	7915.1-0-4-2	1.0(4.2)
7916	7916.1-0-4-2	1.0(4.2)

Device type	Load Name	Version
7920-sccp	7920-sccp.3-0-2	3.0(2.0)
7921-sccp	7921-sccp.1-4-5-3	1.4(5.3)
7925-sccp	7925-sccp.1-4-5-3	1.4(5.3)
7926-sccp	7926-sccp.1-4-5-3	1.4(5.3)
7931-sccp	7931-sccp.9-3-1SR4-1	9.3(1SR4.1)
7931-sip	7931-sip.9-3-1SR4-1	9.3(1SR4.1)
7935-sccp	7935-sccp.3-2-19	3.2(19.0)
7936-sccp	7936-sccp.3-3-21	3.3(21.0)
7937	7937-1-4-4-SCCP	1.4(4.0)
7940-7960	7940-7960-8.12.00-sip	8.12(00.0)
7940-7960-sccp	7940-7960-sccp.8-1-2SR2	8.1(2SR2.0)
7941_7961-sccp	7941_7961-sccp.9-3-1SR4-1	9.3(1SR4.1)
7941_7961-sip	7941_7961-sip.9-3-1SR4-1	9.3(1SR4.1)
7942_7962-sccp	7942_7962-sccp.9-3-1SR4-1	9.3(1SR4.1)
7942_7962-sip	7942_7962-sip.9-3-1SR4-1	9.3(1SR4.1)
7945_7965-sccp	7945_7965-sccp.9-3-1SR4-1	9.3(1SR4.1)
7945_7965-sip	7945_7965-sip.9-3-1SR4-1	9.3(1SR4.1)
7970_7971-sccp	7970_7971-sccp.9-3-1SR4-1	9.3(1SR4.1)
7970_7971-sip	7970_7971-sip.9-3-1SR4-1	9.3(1SR4.1)
7975-sccp	7975-sccp.9-3-1SR4-1	9.3(1SR4.1)
7975-sip	7975-sip.9-3-1SR4-1	9.3(1SR4.1)
7985	7985-4-1-7-0-sccp	4.1(7.0)
8831-sip	8831-sip.9-3-3-5	9.3(3.5)
8941_8945-sccp	8941_8945-sccp.9-4-1-9	9.4(1.9)

Device type	Load Name	Version
8941_8945-sip	8941_8945-sip.9-4-1-8	9.4(1.8)
8961	8961.9-4-1-9	9.4(1.9)
9951	9951.9-4-1-9	9.4(1.9)
9971	9971.9-4-1-9	9.4(1.9)
ATA	ata-3.2.4-sccp	3.2(4.0)
ATA187	ata187.9-2-3-1	9.2(3.1)
Cius	cius.9-2-4-45	9.2(4.45)
CiusSP	ciusSP.9-2-4-45	9.2(4.45)
DX650	dx650.10-1-2-33	10.1(2.33)