

Cisco Unified Communications Manager Device Package 9.1(1) (21026-1) Release Notes

These Device Package release notes contain important information about installation procedures and resolved caveats for Cisco Unified Communications Manager Device Package Release 9.1(1) (21026-1).

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Introduction

Cisco Unified Communications Manager Device Package Release 9.1(1) introduces the Cisco Unified IP Conference Phone 8831 and updates the Cisco TelePresence devices.

Note: Failure to follow installation instructions as described may result in inconsistent Cisco Unified Communications Manager behavior.

Cisco Unified IP Conference Phone 8831

The Cisco Unified IP Conference Phone 8831 is a new, full-featured single line conference station that provides voice communication over an IP network. It offers the following features:

- Softkey feature map
- Answer
- Call Back
- Call Forward
- Call Park

- Call Pickup
- cBarge
- Conference
- Divert
- Do Not Disturb
- Enhanced Room Coverage
- Extension Mobility
- Fast Dial
- Hold
- Hold Reversion
- Meet Me Conference
- Mobile Connect
- Monitoring and Recording
- Multiple calls per line
- Mute
- On-Hook dialing
- Plus Dialing
- Privacy
- Quality Reporting Tool
- Redial
- Shared lines
- Speed Dial
- Transfer
- WebDialer

For additional information, see the [Cisco Unified IP Phone 8800 product page](#) on Cisco.com.

Cisco TelePresence Devices Cisco TelePresence Devices

Cisco Unified Communications Manager Device Package Release 9.1(1) adds the following new features:

- Cisco Unified Communications Manager redundancy support, including call preservation
- Encrypted communication, including provisioning the admin password
- Improved configuration mechanism for Cisco Unified Communications Manager:
 - Telnet Mode: Set the network services Telnet mode.
 - Microphone Unmute On Disconnect: Set the microphone mute mode to determine if the microphones shall be unmuted automatically when calls are disconnected.
 - Call Logging Mode: Set the call logging mode for calls that are received or placed by the system.
 - OSD Encryption Indicator: Define for how long the encryption indicator (a padlock) will be shown on

screen. The setting applies to both encrypted and non-encrypted calls, that is, both to secure and non-secure conferences.

- CTMS Settings (Cisco TelePresence Multipoint Switch):
 - CTMS Multiparty Conferencing: Set the CTMS Multiparty Conferencing mode.
 - CTMS Encryption Mode: Set the CTMS Encryption Mode.
- Far End Camera Control Settings:
 - Far End Camera Control: Set the far end camera control mode to let the user on the endpoint (near end) decide if the remote side (far end) should be allowed to select video sources and control the near end camera (pan, tilt, zoom).
 - Far End Camera Control Signaling Capability: Set the far end control (H.224) signal capability mode.
- Facility Service Settings:
 - Facility Service Type: Choose a facility service type. If the endpoint has a Touch 8, note that only the Helpdesk option is available on the Touch controller.
 - Facility Service Name: The name of the facility service.
 - Facility Service Number: The number of the facility service.
 - Facility Service Call Type: The facility service call type.
- Standby Settings:
 - Standby Mode: Set the standby mode to determine whether the endpoint should go into standby mode or not.
 - Standby Delay: Set the standby delay to define how long (in minutes) the system shall be in idle mode before it goes into standby mode.
- Serial Port Settings:
 - Serial Port: Set the serial port mode to enable/disable the serial port.
 - Serial Port Login Required: Set the login mode to determine if login shall be required when connecting to the serial port.

The following TC based endpoints support the new features:

- Cisco TelePresence EX60
- Cisco TelePresence EX90
- Cisco TelePresence Quick Set C20
- Cisco TelePresence Codec C40

- Cisco TelePresence Codec C60
- Cisco TelePresence Codec C90
- Cisco TelePresence SX20
- Cisco TelePresence MX200
- Cisco TelePresence MX300
- Cisco TelePresence Profile 42 (C20)
- Cisco TelePresence Profile 42 (C40)
- Cisco TelePresence Profile 42 (C60)
- Cisco TelePresence Profile 52 (C40)
- Cisco TelePresence Profile 52 (C60)
- Cisco TelePresence Profile 52 Dual (C60)
- Cisco TelePresence Profile 65 (C60)
- Cisco TelePresence Profile 65 Dual (C90)

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 the following Cisco Unified Communications Manager version.

9.1(1)

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. Cisco recommends 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/en/US/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>
 - 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>
 - 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. To navigate:

- Select **Voice and Unified Communications**
- Select **IP Telephony**
- Select **Unified Communications Endpoints** or **Mobile Collaboration Endpoints** (Cius users)
- Select your product

Cisco Unified Communications Manager Device Pack 9.1(1) (21026-1)

[Table 1](#) lists the filename and MD5 for the Cisco Unified Communications Manager Device Package Release 9.1(1).

Table 1 Cisco Options Package Filename and MD5

File	MD5
cmterm-devicepack9.1.1.21026-1.cop.sgn	7ee762792f38a0691d5d646998060798

Installation Instructions

Note: Cisco recommends that you apply this Device Package during a maintenance window.

Note: Device Packages are installed on the active partition and cannot be uninstalled; Cisco recommends that you take a DRS backup before the installation. For details of how to take a proper backup, see the *Disaster Recovery System Administration Guide* for each version of Cisco Unified Communications Manager at the following documentation URL: http://www.cisco.com/en/US/partner/products/sw/voicesw/ps556/prod_maintenance_guides_list.html

Procedure

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

Note: 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/configuration.

For Cisco Unified Communications Manager 9.1, 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.

1. Using your web browser, log in to the Cisco Unified Communications Operating System Administration web page.
2. From the Software Upgrades menu, select **Install/Upgrade**.
3. Fill in the appropriate values in the Software Location section and click **Next**.
4. In the Available Software drop-down box, select the device package file and click **Next**.
5. Verify that the MD5 has the correct value. Click **Next**.
6. In the Warning box, verify that you selected the correct firmware and then click **Install**.
7. Check that you received a Success message.

Note: If you are rebooting the cluster, continue with Step 9.

8. Stop and restart the TFTP server.
9. Reset the affected devices to upgrade the devices to the new load.

Note: To change the device loads manually, you *do not* need to reinstall this Device Package. All you need to do is install the individual device load Cisco Options Package file by using the device package installation procedure, or just upload the individual device load files in 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.

Uninstallation Instructions

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

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

Firmware Versions

[Table 3](#) shows the latest device, load, and release versions that are compatible with Cisco Unified Communications Manager Device Package Release 9.1(1).

Table 3 Compatible Devices

Device-type	Load-name	Version
3905	3905.9-2-2-0	9.2(2.0)
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.9-3-3-2	9.3(3.2)
6945-sip	6945-sip.9-3-3-2	9.3(3.2)
69xx-sccp	69xx-sccp.9-3-3-2	9.3(3.2)
69xx-sip	69xx-sip.9-3-3-2	9.3(3.2)
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.9-3-1SR2-1	9.3(1SR2.1)
7911-7906-sip	7911_7906-sip.9-3-1SR2-1	9.3(1SR2.1)
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)
7920-sccp	7920-sccp.3-0-2	3.0(2.0)
7921-sccp	7921-sccp.1-4-4-3	1.4(4.3)
7925-sccp	7925-sccp.1-4-4-3	1.4(4.3)
7926-sccp	7926-sccp.1-4-4-3	1.4(4.3)
7931-sccp	7931-sccp.9-3-1SR2-1	9.3(1SR2.1)
7931-sip	7931-sip.9-3-1SR2-1	9.3(1SR2.1)
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.8-1-2	8.1(2.0)
7941-7961-sccp	7941_7961-sccp.9-3-1SR2-1	9.3(1SR2.1)
7941-7961-sip	7941_7961-sip.9-3-1SR2-1	9.3(1SR2.1)
7942-7962-sccp	7942_7962-sccp.9-3-1SR2-1	9.3(1SR2.1)
7942-7962-sip	7942_7962-sip.9-3-1SR2-1	9.3(1SR2.1)
7945-7965-sccp	7945_7965-sccp.9-3-1SR2-1	9.3(1SR2.1)
7945-7965-sip	7945_7965-sip.9-3-1SR2-1	9.3(1SR2.1)
7970-7971-sccp	7970_7971-sccp.9-3-1SR2-1	9.3(1SR2.1)

7970-7971-sip	7970_7971-sip.9-3-1SR2-1	9.3(1SR2.1)
7975-sccp	7975-sccp.9-3-1SR2-1	9.3(1SR2.1)
7975-sip	7975-sip.9-3-1SR2-1	9.3(1SR2.1)
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.9-3-2-11	9.3(2.11)
8941-8945-sip	8941_8945-sip.9-3-2-12	9.3(2.12)
8961	8961.9-3-2-10	9.3(2.10)
9951	9951.9-3-2-10	9.3(2.10)
9971	9971.9-3-2-10	9.3(2.10)
ATA	ata-3.2.4-sccp	3.2(4.0)
ATA 187	ata187.9-2-3-1	9.2(3.1)
Cius	cius.9-2-4-45	9.2(4.45)
Cius SP	ciusSP.9-2-4-45	9.2(4.45)
DX650	dx650.10-0-1-103	10.0(1.103)

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