



# Cisco IP DECT 6800 Series Release Notes for Firmware Release 4.8(1) SR1

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## Cisco IP DECT 6800 Series Release Notes for Firmware Release 4.8(1) SR1

These release notes support the Cisco IP DECT 6800 Series running Firmware Release 4.8(1) SR1.

This release supports the following devices:

- Cisco IP DECT 110 Single-Cell Base Station
- Cisco IP DECT 210 Multi-Cell Base Station
- Cisco IP DECT Phone 6823 Handset
- Cisco IP DECT Phone 6825 Handset
- Cisco IP DECT Phone 6825 Ruggedized Handset

The Cisco IP DECT 6800 Series is compatible with the following systems:

- BroadSoft BroadWorks 21.0 and later
- Asterisk 13.1 and later

The firmware release versions are:

- Base station version: 4.8(1) SR1; (displayed on the device as firmware version V0480 B000x)
- Handset version: 4.8(1) SR1; (displayed on the device as firmware version V0480 B000x)

## Related Documentation

Use the following sections to obtain related information.

### Cisco IP DECT 6800 Series Documentation

See the publications that are specific to your language and firmware release. Navigate from the following Uniform Resource Locator (URL):

<https://www.cisco.com/c/en/us/support/collaboration-endpoints/ip-dect-6800-series-multiplatform-firmware/tsd-products-support-series-home.html>

## New and Changed Feature

This release doesn't have any new feature. It provides downgrade compatibility for the future release.

## Upgrade the Firmware

You can upgrade the base station and handset firmware with TFTP, HTTP, or HTTPS. You upgrade the base station first and then update the handsets after the base station update completes. The base station upgrade may take about 30 minutes to 1 hour to complete and reboot. After the base station upgrades, you can then upgrade the handsets. The handset upgrade may take 20-30 minutes to download and verify, and an extra few minutes to load the new firmware file.




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**Note** You must place the handset in the charger and not remove until the handset loads the firmware file and reboots.

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You access the Cisco Software Download page to get the firmware in zip files. The zip files contain these files:

- For the base station, the zip filename starts with:
  - IPDect-DBS110 for Cisco IP DECT 110 Single-Cell Base Station.
  - IPDect-DBS210 for Cisco IP DECT 210 Multi-Cell Base Station.
- For the handset, the zip filename starts with:
  - IPDect-PH6823 for Cisco IP DECT Phone 6823 Handset.
  - IPDect-PH6825 and IPDect-PH6825RGD for Cisco IP DECT Phone 6825 Handset and Cisco IP DECT Phone 6825 Ruggedized Handset.

The Firmware Release 4.8(1) SR1 zip files contain these files:

- Base station:
  - Cisco IP DECT 110 Single-Cell Base Station: IPDect-DBS110.0480MPPSR1-17\_REL.zip
  - Cisco IP DECT 210 Multi-Cell Base Station: IPDect-DBS210.0480MPPSR1-17\_REL.zip
- Handsets:
  - Cisco IP DECT Phone 6823 Handset: IPDect-PH6823.0480MPPSR1-15\_REL.zip
  - Cisco IP DECT Phone 6825 Handset: IPDect-PH6825.0480MPPSR1-16\_REL.zip
  - Cisco IP DECT Phone 6825 Ruggedized Handset:  
IPDect-PH6825RGD.0480MPPSR1-16\_REL.zip




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**Note** As you upgrade your handset and base station, note the following items:

- If you upgrade the base station from Firmware Release V460B1 or earlier, the administration user ID and password reset to the default values.
  - After you install this load and then need to downgrade the release to Firmware Release V460B1 or earlier, you must perform a factory reset on the base station. This reset will set the administration user ID and password to the default values.
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For detailed information about the upgrade procedure, refer to the “Maintenance” chapter in the *Cisco IP DECT 6800 Series Administration Guide*.

### Before you begin

You need the TFTP, HTTP, or HTTPS server information.

You need your user ID and password to sign in (if required).

### Procedure

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- Step 1** From your browser, go to <https://software.cisco.com/download/home/286323307>.
- Step 2** If required, sign in with your user ID and password.
- Step 3** Click **IP DECT 110 Single-Cell Base Station with Multiplatform Firmware**.
- Select **All Release > MPP DECT v4 > 4.8.1 SR1**.
  - Download the zip file for the required version.
  - Return to <https://software.cisco.com/download/home/286323307>.
- Step 4** Click **IP DECT 210 Multi-Cell Base Station with Multiplatform Firmware**.
- Select **All Release > MPP DECT v4 > 4.8.1 SR1**.
  - Download the zip file for the required version.
  - Return to <https://software.cisco.com/download/home/286323307>.
- Step 5** Click **IP DECT 6823 with Multiplatform Firmware**.
- Select **All Release > MPP DECT v4 > 4.8.1 SR1**.
  - Download the zip file for the required version.
  - Return to <https://software.cisco.com/download/home/286323307>.
- Step 6** Click **IP DECT 6825 with Multiplatform Firmware**.
- Select **All Release > MPP DECT v4 > 4.8.1 SR1**.
  - Download the zip file for the required version.
- Step 7** On your PC, unzip the files.
- Step 8** Access the TFTP server file system.
- Step 9** If not available, create a `Cisco` directory.
- Step 10** Open the `Cisco` directory.
- Step 11** Copy the new base station firmware file to the `Cisco` folder.
- Step 12** Copy the new handset firmware file to the `Cisco` folder.
- Step 13** Complete the upgrade as described in the *Cisco IP DECT 6800 Series Administration Guide*.
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## Limitations and Restrictions

### System Behavior During Times of Network Congestion

Anything that degrades network performance can affect phone system voice quality, and in some cases, can cause a call to drop. Sources of network degradation can include, but are not limited to, the following activities:

- Administrative tasks, such as an internal port scan or security scan
- Attacks that occur on your network, such as a Denial of Service attack

## Caller Identification and Other Phone Functions

Caller identification or other phone functions have not been verified with third-party applications for the visually or hearing impaired.

## Base Station Firmware Downgrade Limitation

After the upgrade for V460 B4, a downgrade of the base to a firmware version earlier than V460 B2 requires you to factory reset the base. This factory reset will reset the login credentials to the defaults. If you don't perform the factory reset, you can't log into the administration web pages.

## Base Station Alert Due to a Clock Synchronization Error

The base station self-check process fails if there's a clock synchronization error. When this error occurs, the LED on the base station flashes red, amber, and green. In this case, we recommend the standard RMA process.

## Open Caveats

The following caveats are open at the time of the release.

- CSCvy10701 [Unexpected reboot 59] DBS-210 Losing registration and restarting
- CSCvy20763 [Reboot Reason 41] DBS-210 Losing registration and restarting
- CSCvy64817 Enabling XSI directory feature automatically enables reverse phone lookup

## Closed Caveats

The following caveats were resolved for the release:

- CSCvx00060 Any handset index should be able to link with any extension
- CSCvx01817 Setting the AC code to FFFF in the DECT configuration file results in 7677 being set
- CSCvx04079 Playing a tone during SW reset may result in loss of tone playback due to damaged amplifier
- CSCvx23765 SIP registration is showing wrong status
- CSCvu36700 3PCC-DBS: fail to unquote special char & ' added in Broadworks tags
- CSCvw57710 DBS110 may intermittently fail to make an outgoing call
- CSCvw57796 DBS110 crashed and rebooted with hardware failure
- CSCvw57821 DBS110 crashed randomly and reboots
- CSCvv69252 NORWEGIAN and CZECH language can not be set from configuration file
- CSCvw92967 Multiple login request needed for correct username and password

## Cisco IP Phone Firmware Support Policy

For information on the support policy for phones, see <https://cisco.com/go/phonefirmwaresupport>.

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- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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