Cisco IP DECT 6800 Series Release Notes for Firmware Release 5.1(2)SR1

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These release notes support the Cisco IP DECT 6800 Series running Firmware Release 5.1(2)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 22.0 and later
- Asterisk 13.1 and later

The firmware release versions are:

- Base station version 5.1(2)SR1: Displayed on the device as firmware version:
    - DBS-110: IPDect-DBS110_5-1-2MPP0101-5_REL.zip

      MD5: E17B18C98DEC8F71B085234EFC40C5ED

      SHA1: DDECCC72889A3C5C89433D7700FCB12639ED2571
    - DBS-210: IPDect-DBS210_5-1-2MPP0101-5_REL.zip

      MD5: E320B7D3EFAC99D3C8F8BB00E386314C

      SHA1: BDCEEFF2698AC2A654FBF39F4CFA2B1878F78F42

- Handset version 5.1(2)SR1: Displayed on the device as firmware version:
    - 6823: IPDect-PH6823_5-1-2MPP0101-5_REL.zip

      MD5: D6E68C73A71170392411F96B162995CF

      SHA1: D604E69474AD4BDAB4798D75EACE7C604EA74D7F
    - 6825: IPDect-PH6825_5-1-2MPP0101-5_REL.zip

MD5: F3BF406B4C3B9448E1BFDD7E98E2BA3A

SHA1: 10AD88CC1FF840FE3976F7EBBA1754EB9E81BE93

- 6825-RGD: IPDect-PH6825RGD_5-1-2MPP0101-5_REL.zip

  MD5: A16F7A7FE9390960BF1D027305212EBF

  SHA1: 62F6B005635C08B713B51B9025DA665AACED3BAC

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 Features

This release doesn't have any new feature. This firmware release only includes bug fixes.

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 upgrade the handsets after the base station upgrade completes. The base station upgrade may take about 30 minutes to 1 hour to complete and reboot. The handset upgrade may take 20-30 minutes to download and verify, and an extra few minutes to load the new firmware file. The handset must be placed in the charger and not removed until the handset loads the firmware file and reboots.

You can upgrade Cisco IP DECT 210 Multi-Cell Base Station to Firmware Release 5.1(2) SR1 only if the base station is currently running release 5.0(1) or 4.8(1) SR1. If the base station is currently running release 4.7 or 4.8, you must upgrade the base station to release 5.0(1) or 4.8(1) SR1 before upgrading to release 5.1(2)SR1. If the base station is currently running release 4.5, you must upgrade the base station to release 4.6 in factory reset mode before upgrading to release 4.8(1) SR1.

You can upgrade Cisco IP DECT 110 Single-Cell Base Station to Firmware Release 5.1(2)SR1 if the base station is currently running release 5.0(1) or 4.8(1) SR1. If the base station is currently running release 4.8, you must upgrade the base station to release 5.0(1) or 4.8(1) SR1 before upgrading to release 5.1(2)SR1.

You access the Cisco Software Download page to get the firmware in zip files. The zip files contain these firmware 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` for Cisco IP DECT Phone 6825 Handset.

- `IPDect-PH6825RGD` for Cisco IP DECT Phone 6825 Ruggedized Handset.

The Firmware Release 5.1 (2)SR1 zip files contain these files:

- Base station:

    - Cisco IP DECT 110 Single-Cell Base Station: `IPDect-DBS110_5-1-2MPP0101-5_REL.zip`

    - Cisco IP DECT 210 Multi-Cell Base Station: `IPDect-DBS210_5-1-2MPP0101-5_REL.zip`

- Handsets:

    - Cisco IP DECT Phone 6823 Handset: `IPDect-PH6823_5-1-2MPP0101-5_REL.zip`

    - Cisco IP DECT Phone 6825 Handset: `IPDect-PH6825_5-1-2MPP0101-5_REL.zip`

    - Cisco IP DECT Phone 6825 Ruggedized Handset: `IPDect-PH6825RGD_5-1-2MPP0101-5_REL.zip`

Note

- If you haven't modified the password in the base station running Firmware version 4.8 or 4.8(1) SR1 and you upgrade the base station, the administration user ID and password change request displays when you login to the base station.

- From Firmware Release 5.1(2)SR1, if you need to downgrade to an earlier release, you can downgrade to the latest branch of the Firmware Release 5.0(1) or 4.8(1) SR1. You must perform a factory reset on the base station to downgrade. This reset will set the administration user ID and password to the default values.

For detailed information about the upgrade or downgrade 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.

Procedure

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**.

a) Select **All Release** > **MPP DECT v5** > **5.1.2SR1**.
b) Download the zip file for the required version.
c) Return to https://software.cisco.com/download/home/286323307.

Step 4 Click **IP DECT 210 Multi-Cell Base Station with Multiplatform Firmware**.

a) Select **All Release** > **MPP DECT v5** > **5.1.2SR1**.
b) Download the zip file for the required version.

         c)   Return to https://software.cisco.com/download/home/286323307.

Step 5   Click **IP DECT 6823 with Multiplatform Firmware**.

         a)   Select **All Release** > **MPP DECT v5** > **5.1.2SR1**.
         b)   Download the zip file for the required version.
         c)   Return to https://software.cisco.com/download/home/286323307.

Step 6   Click **IP DECT 6825 with Multiplatform Firmware**.

         a)   Select **All Release** > **MPP DECT v5** > **5.1.2SR1**.
         b)   Download the zip file for the required version.

            You can download both **IP DECT 6825 with Multiplatform Firmware** and **IP DECT 6825 Ruggedized with Multiplatform Firmware** from this page.

         c)   Return to https://software.cisco.com/download/home/286323307.

Step 7   Unzip the downloaded files to your computer.

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*.

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.

After the upgrade to Firmware version 5.0(1), you can downgrade the base station only to the latest branch of the Firmware version 4.8(1) SR1. This downgrade requires you to factory reset the base station. The 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.

- CSCwd83296 DECT 110/210: Handset Upgrade Rules can't be overwritten by blank rule from CM services.

- CSCwf36615 redundant SAC credentials sent by base

- CSCwf14341 DECT 6823 handset - 'Loud Ringer' melody not available for 'Contacts' configured in handset

- CSCwf42230 incorrect source SIP port used in contact header

- CSCwf83229 DECT base using ipv6 for resync when only ipv4 selected as <IP_mode>

- CSCwh92720 DECT Company ID mismatch causing E911 location service to fail intermittently

Resolved Caveats

The following caveats were resolved for the release:

- CSCwh26032 DBS210 and DBS110 bases cannot get IP address after factory reset
- CSCwh26047 Out of Memory or Config Missing when trying to export config
- CSCwh26049 Busy tone heard on the SCA handset after answering call remotely
- CSCwf58578 Evaluation of stored XSS vulnerability on 3pcc-dbs
- CSCwh48421 DBS-110 Dual Cell when replacing base, base 3 and base 4 cannot be connected in chain
- CSCwf81206 Call Transfer fails when DECT initiates call
- CSCwh48407 DBS-210 keeps entering restart cycle after FWU

Cisco IP Phone Firmware Support Policy

For information on the support policy for phones, see the Cisco IP Phone Firmware Support Policy.