



# Cisco IP Conference Phone 7832 Multiplatform Phones Release Notes for Firmware Release 12.0(1)

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## Release Notes

Use these release notes with the Cisco IP Conference Phone 7832 Multiplatform Phones running SIP Firmware Release 12.0(1).

The following table describes the individual phone requirements.

Phone	Support Requirements
Cisco IP Conference Phone 7832 Multiplatform Phones	Cisco BroadWorks 24.0 MetaSphere CFS version 9.5 Asterisk 16.0

## Related Documentation

Use the following sections to obtain related information.

### Cisco IP Conference Phone 7832 Documentation

Refer to publications that are specific to your language and call control system. Navigate from the following documentation URL:

<https://www.cisco.com/c/en/us/support/collaboration-endpoints/ip-phone-7800-series-multiplatform-firmware/tsd-products-support-series-home.html>

## New and Changed Features

### Display of Webex Call Duration

Now the phone displays the Webex call log duration. In the **Recents** screen, when you choose to view details of a placed call or a received call, the duration of the call is also displayed on the **Received calls** or **Placed calls** screen.

### Where to Find More Information

- *Cisco IP Conference Phone 7832 Multiplatform Phones Administration Guide*

- *Cisco IP Conference Phone 7832 Multiplatform Phones User Guide*

## FIPS Mode Enabling

You can now enable phone with Federal Information Processing Standards (FIPS) compliance. This validation is required after OpenSSL Cisco OpenSSL 7.2.440 is ported to SL 2.0 as secured communication system through cryptography is important.

To enable this feature from the phone administration web page, use **FIPS mode** parameter under the **Security Settings** section from **Voice > System**.

### Where to Find More Information

- *Cisco IP Conference Phone 7832 Multiplatform Phones Administration Guide*
- *XML Reference Guide for Cisco IP Phone Multiplatform Phones*

## Support for RFC-8760

The Cisco IP Phone now supports RFC-8760. If supported, the phone sends a SIP register request to the server without an authorization header field and the SIP server responses a 401 status with multiple www-authenticate headers. The headers include support for more secure digest algorithms such as SHA256, SHA-512/256 and MD5.

### Where to Find More Information

- *Cisco IP Conference Phone 7832 Multiplatform Phones Administration Guide*

## WxC Outbound Proxy Survivability Support

Phone now has the ability to register to the Site Survivability Gateway (SGW) nodes when WxC SSE nodes are unreachable. When the phone connects to SGW nodes, phone supports only limited set of calling features. When this feature is enabled, user can see a service interruption notification on the phone.

To enable this feature from the phone administration web page, use **Survivability Proxy**, **Survivability Proxy Fallback Intvl** parameters under the **Proxy and Registration** section from **Voice > Ext(n)** and **Survivability Test Mode** parameter under **System Configuration** section from **Voice > System**.

### Where to Find More Information

- *Cisco IP Conference Phone 7832 Multiplatform Phones Administration Guide*
- *Cisco IP Conference Phone 7832 Multiplatform Phones User Guide*
- *XML Reference Guide for Cisco IP Phone Multiplatform Phones*

## Upgrade the Firmware

Use the information in this section to upgrade the firmware on Cisco IP Conference Phone 7832 Multiplatform Phones.

The Cisco IP Phone 7811, 7821, 7841, and 7861 Multiplatform Phones have a different firmware image. For more information, see the Cisco IP Phone 7800 Series Multiplatform Phones Release Notes for Firmware Release 12.0(1), at this location:

<https://www.cisco.com/c/en/us/support/collaboration-endpoints/ip-phone-7800-series-multiplatform-firmware/products-release-notes-list.html>

You can upgrade the phone firmware with TFTP, HTTP, or HTTPS. After the upgrade completes, the phone reboots automatically.

## Procedure

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- Step 1** Click this link:
- <https://software.cisco.com/download/home/286311381>
- On the **Software Download** web page that is displayed, ensure that **IP Phone 7800 Series with Multiplatform Firmware** is selected in the middle pane.
- Step 2** Select **IP Conference Phone 7832 with Multiplatform Firmware** in the right pane.
- Step 3** On the next page that is displayed, select **Multiplatform Firmware**.
- Step 4** On the next page that is displayed, select **12.0.1** in the **All Releases > MPPv11** folder.
- Step 5** (Optional) Place your mouse pointer on the file name to see the file details and checksum values.
- Step 6** Download the `cmterm-7832.12.0.1MPP0001.245_REL.zip` file.
- Step 7** Click **Accept License Agreement**.
- Step 8** Unzip the file and place the files in the appropriate location on your upgrade server.
- The appropriate location is the TFTP, HTTP, or HTTPS download folder, depending on the protocol that you want to use for the upgrade.
- Step 9** Upgrade the phone firmware with one of these methods.
- Upgrade the phone firmware from the phone administration web page:
    - a. On the phone administration web page, go to **Admin Login > Advanced, Voice > Provisioning > Firmware Upgrade**.
    - b. In the **Upgrade Rule** field, enter the load file URL as described below.
 

Load file URL format:

```
<upgrade protocol>://<upgrade server ip address>[:<port>]/<path>/<file name>.loads
```

Example:

```
https://10.73.10.223/firmware/sip7832.12.0.1MPP0001.245.loads
```
    - c. Click **Submit All Changes**.
  - Upgrade the phone firmware directly from your web browser:
 

In the address bar of your web browser, enter the phone upgrade URL as described below.

Phone upgrade URL format:

```
<phone protocol>://<phone ip address[:port]>/admin/upgrade?<load file URL>
```

Load file URL format:

```
<upgrade protocol>://<upgrade server ip address>[:<port>]/<path>/<file name>.loads
```

Example:

```
https://10.74.10.225/admin/upgrade?https://10.73.10.223/firmware/sip7832.12.0.1MPP0001.245.loads
```

**Note** Specify the <file name>.loads file in the URL. The <file name>.zip file contains other files.

## Limitations and Restrictions

### Phone Behavior During Times of Network Congestion

Anything that degrades network performance can affect phone audio 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.

## View Caveats

You can search for caveats (bugs) with the Cisco Bug Search tool.

Known caveats are graded according to severity level, and are either open or resolved.

### Before you begin

You have your Cisco.com user ID and password.

### Procedure

**Step 1** Click one of the following links:

- To view all caveats that affect this release:

[https://bst.cloudapps.cisco.com/bugsearch/search?kw=&pf=prdNm&pfVal=286319849&rls=12.0\(1\)&sb=anfr&bt=custV](https://bst.cloudapps.cisco.com/bugsearch/search?kw=&pf=prdNm&pfVal=286319849&rls=12.0(1)&sb=anfr&bt=custV)

- To view open caveats that affect this release:

[https://bst.cloudapps.cisco.com/bugsearch/search?kw=&pf=prdNm&pfVal=286319849&rls=12.0\(1\)&sb=anfr&sts=open&bt=custV](https://bst.cloudapps.cisco.com/bugsearch/search?kw=&pf=prdNm&pfVal=286319849&rls=12.0(1)&sb=anfr&sts=open&bt=custV)

- To view resolved caveats that affect this release:

[https://bst.cloudapps.cisco.com/bugsearch/search?kw=&pf=prdNm&pfVal=286319849&rls=12.0\(1\)&sb=anfr&sts=fd&bt=custV](https://bst.cloudapps.cisco.com/bugsearch/search?kw=&pf=prdNm&pfVal=286319849&rls=12.0(1)&sb=anfr&sts=fd&bt=custV)

**Step 2** When prompted, log in with your Cisco.com user ID and password.

**Step 3** (Optional) For information about a specific caveat, enter the bug ID number (*CSCxxxxxxx*) in the **Search for** field, and press **Enter**.

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## Open Caveats

The following list contains the severity 1, 2, and 3 defects that are open for the Cisco IP Conference Phone 7832 Multiplatform Phones that use Firmware Release 12.0(1).

For more information about an individual defect, you can access the online history for the defect by accessing the Bug Search tool and entering the Identifier (*CSCxxxxxxx*). You must be a registered `cisco.com` user to access this defect information.

Because the defect status continually changes, the list reflects a snapshot of the defects that were open at the time this report was compiled. For an updated view of the open defects or to view specific bugs, access the Bug Search Toolkit as described in [View Caveats, on page 4](#).

- CSCvz67625 License prompt is always displayed on GDS input screen if the phone is converted from On-Premises
- CSCvz35920 SSRC changes for outgoing Re-INVITES
- CSCwa70238 MPP should block sending CANCEL when Park button is pressed twice quickly
- CSCwb46008 Many PRTs with logs missing for around 5 seconds

## Resolved Caveats

The following list contains the severity 1, 2, and 3 defects that are resolved for the Cisco IP Conference Phone 7832 Multiplatform Phones that use Firmware Release 12.0(1).

For more information about an individual defect, you can access the online history for the defect by accessing the Bug Search tool and entering the Identifier (*CSCxxxxxxx*). You must be a registered `Cisco.com` user to access this defect information.

Because the defect status continually changes, the list reflects a snapshot of the defects that were resolved at the time this report was compiled. For an updated view of the resolved defects or to view specific bugs, access the Bug Search Toolkit as described in the [View Caveats, on page 4](#).

- CSCwd41757 Cisco MPP phones: Call is disconnected during a call
- CSCwd51776 Virtual extension number is not provided on MPP with "webex directory" contact search
- CSCwd61181 Cisco MPP Phones reboots upon receiving "GetSoftKeys" API calls

## Cisco IP Phone Firmware Support Policy

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

