Cisco Unified IP Conference Phone 8831 Multiplatform Phones Release Notes for Firmware Release 9.3(4)SR3

First Published: 2017-12-14

Cisco Unified IP Conference Phone 8831 Multiplatform Phones Release Notes for Firmware Release 9.3(4)SR3

These Release Notes describe the Cisco Unified IP Conference Phone 8831 Multiplatform Phones running SIP Firmware Release 9.3(4)SR3.

As with any firmware release, read these release notes before the firmware upgrade. We also recommend that you back up the configuration before any firmware upgrade.

Related Documentation

Use the following sections to obtain related information.

Cisco IP Phone 8800 Series Documentation

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

https://www.cisco.com/c/en/us/products/collaboration-endpoints/unified-ip-phone-8800-series/index.html

New and Changed Features

This release contains no new or changed features.

Installation

Upgrade Firmware

The Cisco Unified IP Conference Phone 8831 Multiplatform Phones supports a single image upgrade by TFTP, HTTP, or HTTPS.

Note If your conference phone has a firmware release previous to 9.4(3)SR2, the upgrade to 9.4(3)SR3 means you cannot downgrade the phone to a previous release.

If your conference phone has firmware release 9.4(2)SR2 installed and you upgrade to 9.4(2)SR3, you can downgrade the phone to 9.4(2)SR2.

Each region has a specific firmware load file. The following table gives the region and the filename of the firmware load.

Region	Filename
North America	cp-8831-sip.9-3-4-SR3-3PCC.bin.sgn
Brazil	cp-8831-sip.9-3-4-SR3-3PCC-BR.bin.sgn
Europe and Australia	cp-8831-sip.9-3-4-SR3-3PCC-EU.bin.sgn
Japan	cp-8831-sip.9-3-4-SR3-3PCC-JP.bin.sgn
Latin America	cp-8831-sip.9-3-4-SR3-3PCC-LA.bin.sgn
North America	cp-8831-sip.9-3-4-SR3-3PCC-NA.bin.sgn
Taiwan	cp-8831-sip.9-3-4-SR3-3PCC-TW.bin.sgn

Step 1 Put the third-party call control image (for example, `cp-8831-sip.9-3-4-SR3-3PCC.bin.sgn`) on the tftp, http, or https download directory.

Step 2 Configure the **Upgrade Rule** on the **Provisioning** tab in the web page with the valid URL format: `<schema>://<server[:port]>/filepath`

The phone can also be upgraded via a URL in the web browser:

`http://<phone_ip>/admin/upgrade?<schema>://<serv_ip[:port]>/filepath`

After the firmware upgrade completes, the phone reboots automatically.

Limitations and Restrictions

Phone Behavior During Times of Network Congestion

Anything that degrades network performance can affect phone voice and video 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

Health-Care Environment Use

This product is not a medical device and uses an unlicensed frequency band that is susceptible to interference from other devices or equipment.

Caveats

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 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

Step 1 To access 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**.

Open Caveats

There are no severity 1, 2, and 3 defects open for the Cisco Unified IP Conference Phone 8831 Multiplatform Phones Firmware Release 9.3(4)SR3.

Resolved Caveats

The following list contains the severity 1, 2, and 3 defects that are resolved for the Cisco Unified IP Conference Phone 8831 Multiplatform Phones Firmware Release 9.3(4)SR3.

For more information about an individual defect, you can access the online record for the defect by clicking the Identifier or going to the URL that is shown. You must be a registered Cisco.com user to access this online information.

Because 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 open defects, access Bug Toolkit as described in Access Cisco Bug Search, on page 3.

- CSCuy36600 Evaluation of 3pcc-beignet for glibc_feb_2016
- CSCvb85696 Security fix for Linux Kernel Local Privilege Escalation (Dirty CoW)
- CSCvf80221 CP-8831-3PCC Conference call has no audio
- CSCvg61374 Dnsmasq October 2017 vulnerabilities

Cisco IP Phone Firmware Support Policy

For information on the support policy for phones, see http://www.cisco.com/c/en/us/support/docs/collaboration-endpoints/unified-ip-phone-7900-series/116684-technote-ipphone-00.html.

Documentation, Service Requests, and Additional Information

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR CISCO REPRESENTATIVE FOR A COPY.

The following information is for FCC compliance of Class A devices: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio-frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case users will be required to correct the interference at their own expense.

The following information is for FCC compliance of Class B devices: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the equipment causes interference to radio or television reception, which can be determined by turning the equipment off and on, users are encouraged to try to correct the interference by using one or more of the following measures:

- 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.

Modifications to this product not authorized by Cisco could void the FCC approval and negate your authority to operate the product

The Cisco implementation of TCP header compression is an adaptation of a program developed by the University of California, Berkeley (UCB) as part of UCB's public domain version of the UNIX operating system. All rights reserved. Copyright © 1981, Regents of the University of California.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. CISCO AND THE ABOVE-NAMED SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL CISCO OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF CISCO OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: http://www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

© 2017 Cisco Systems, Inc. All rights reserved.