



# Cisco Unified IP Conference Phone 8831 for Third-Party Call Control Release Notes for Firmware Release 9.3(3)

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**Updated: June 2017**

These Release Notes describe the Cisco Unified IP Conference Phone 8831 for Third-Party Call Control.

As with any firmware release, read these release notes before upgrading the firmware. Cisco also recommends backing up configuration before any firmware upgrade.

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# Firmware Upgrade

The Cisco Unified IP Conference Phone 8831 for Third-Party Call Control supports single one image upgrade by tftp/http/https.

**Step 1** Put the 3PCC image cp-8831-sip.9-3-3-5-3PCC.bin.sgn on the tftp/http/https download directory.

**Step 2** Configure **Upgrade Rule** on the 'Provisioning' tab in the web page, with the valid URL format:

```
<schema>:// <server[:port]> /filepath
```

The 3PCC can also upgrade via URL on web browser:

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

## Introduction

The Cisco Unified IP Conference Phone 8831 for Third-Party Call Control supports third-party call control that provides support for 2 to 10 calls per line. The Call Appearances Per Line parameter controls the call appearance. The conference phone 8831 model comprises the following units:

- Sound Base (with built-in mic)
- Display Control Unit (DCU)
- (Optional) Wired microphone, or wireless microphone (with charger)



### Note

The conference phone system can support 2 wired or 2 wireless microphones at one time. When both the wired and wireless microphones are connected, only the wireless microphone functions.

## Sound Base

The bottom of the sound base comprises the following:

- Network port: 1
- USB port for DCU: 1
- Wired microphone ports: 2
- Daisy chain port: 1
- Wall power port: 1

## Display Control Unit (DCU)

- Comprises a keypad, LCD, and LED.
- Connects to a base unit via USB.



### Note

Connect the DCU only to the master unit of a daisy chain.

# Features

The Cisco Unified IP Conference Phone 8831 for Third-Party Call Control supports the following features:

- Single line conference station
- Daisy chain
- Audio coverage
  - Sound base is 20' X 20'.
  - Sound Base with Extension Mic Kit is 20' X 30'.
  - Two Sound Bases connected with Daisy Chain is greater than 30' X 40'.
- Highly visible mute indication with 360 degree microphone(s) coverage
- A 396 x162 backlit monochrome LCD display
- IEEE 802.3af POE Class 3 and wall power supply via Cisco Power Cube 3 or Cisco Power Injector
- G.722, G.711(u/A), G.729a, G.729ab, and iLBC
- SIP only signaling
- Security features include Image Authentication, Config File Encryption, Setting Security, HTTPS, SIP over TLS, and SSH.

# Known Issues

Identifier	Summary
CSCui81451	The phone gets blocked while transferring a call if the target phone connection is broken when the phone is ringing.  Workaround: The phone works normally after a while.
CSCuo41749	While making provision changes via web portal, the phone attempts to unregister when not registered.
CSCuo79699	The phone does not accept long proxy hostname (length more than 48 chars.)
CSCup06897	The phone fails to change “Call Forward All” setting for the first time, when the phone is factory reset and has initial “Call Forward All” setting after registration.
CSCup41632	The phone does not refresh the IP address info on the LCD and web GUI after voice VLAN change.
CSCup86875	The phone displays the connected call number even after the call transfer is complete.
CSCup94305	After setting up a conference call, the phone cannot resume a conference call on hold.
CSCuq03349	After configuring with the proxy host name, the phone does not use the updated domain name.  <b>Note</b> No DNS query problem if the Proxy is set to FQDN.
CSCui08807	The phone does not display call progress on the LCD with SIP 1xx~6xx code.

Identifier	Summary
CSCui59658	When RFC2543 Hold is enabled on the target phone, music from MOH server is not heard on the phone.
CSCui71520	DNS query issue when the phone connection switches from DHCP to Static IP.
CSCui78864	DTMF issue when the phone receives SIP INVITE message without SDP.
CSCui81398	The phone plays partial ringtone while it is a semi-attendant transfer target.
CSCuj54724	The NewCall softkey visible on the phone after all call appearances have exhausted for the line.
CSCum31751	The phone does not register to the server while using Static IP and plug out/plug in through the ethernet cable.  <b>Note</b> In DHCP mode there are no issues.
CSCum41872	The web parameters; User Agent Name, Server Name, Reg Name, and their setting changes do not take effect. The phone displays “Cisco-CP8831-3PCC” in its User and Server Agent field of SIP messages.
CSCun46413	The phone lines does not timeout when dialing out.  Workaround: Press ENDCALL to idle the line.
CSCun64162	The phone ends the call when response codes; 503, 480, 601, etc. are received for re-INVITE.
CSCup66589	The phone allows error format data to be saved into the Time Offset on the LCD GUI.
CSCup70835	Pairing of the phone with the wireless microphone is not clear after factory reset.  <b>Note</b> Manual unpairing is required.
CSCup71429	SSH on the phone is not compatible with the SSH client on MAC OS10.9.
CSCup93679	The upgrade time info on the LCD is not updated correctly; always displays 01/01/00 12:00 a.m.
CSCuq06069	The SSH login needs the phone to reboot to take effect in RC build.
CSCui40727	The phone mixes up the local ring tone and network audio, if the parameter Sticky 183 is No, and the phone receives 183 (valid SDP) followed by 180.
CSCup31303	The phone does not support CANCEL message with Reason header and displays MISSED CALL on the LCD GUI.
CSCup37353	The phone exhibits multiple vulnerabilities for OpenSSL protocol.

## 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 Cisco Unified Communications Manager release. Navigate from the following documentation URL:

<http://www.cisco.com/c/en/us/support/collaboration-endpoints/unified-ip-phone-8800-series/tsd-products-support-series-home.html>

## Cisco Unified Communications Manager Documentation

See the Cisco Unified Communications Manager Documentation Guide and other publications that are specific to your Cisco Unified Communications Manager release. Navigate from the following documentation URL:

<http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/tsd-products-support-series-home.html>

## Cisco Business Edition 6000 Documentation

Refer to the Cisco Business Edition 6000 Documentation Guide and other publications that are specific to your Cisco Business Edition 6000 release. Navigate from the following URL:

<http://www.cisco.com/c/en/us/support/unified-communications/business-edition-6000/tsd-products-support-series-home.html>

## Cisco IP Phone Firmware Support Policy

For information on the support policy for Cisco IP Phones, see

<http://www.cisco.com/c/en/us/support/docs/collaboration-endpoints/unified-ip-phone-7900-series/116684-technote-iphone-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.

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