



Cisco Unified IP Phone 7931G Release Notes for Firmware Release 8.3(1) (SCCP)

June 29, 2007

Use these release notes with the Cisco Unified IP Phone 7931G running SCCP firmware release 8.3(1). Firmware release 8.3(1) is compatible with Cisco Unified Communications Manager release 6.0.

Contents

These release notes provide the following information. You might need to notify your users about some of the information that is provided in this document.

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Related Documentation

Cisco Unified IP Phone Documentation

Refer to publications that are specific to your language, phone model and Cisco Unified Communications Manager release. Navigate from the following URL:

http://www.cisco.com/en/US/products/hw/phones/ps379/tsd_products_support_series_home.html

Cisco Unified Communications Manager Documentation

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

http://www.cisco.com/en/US/products/sw/voicesw/ps556/tsd_products_support_series_home.html



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Cisco Unified Communications Manager Business Edition Documentation

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

http://www.cisco.com/en/US/products/ps7273/tsd_products_support_series_home.html

New and Changed Information

This section contains these topics:

- [Cisco Unified IP Phone 7931G Support, page 2](#)
- [Supported Features, page 2](#)
- [Configuring Peer Firmware Sharing, page 3](#)

Cisco Unified IP Phone 7931G Support

Cisco Unified Communications Manager release 6.0 and later supports Cisco Unified IP Phone 7931G. The Cisco Unified IP Phone 7931G is designed to meet the needs of businesses with moderate telephone traffic and specific call requirements. The Cisco Unified IP Phone 7931G supports IEEE 802.3af Power over Ethernet, security, and other calling features. Dedicated hold, redial, and transfer keys facilitate call handling. Illuminated mute and speakerphone keys give a clear indication of speaker status.

For more information, see the following documentation at

http://www.cisco.com/en/US/products/sw/voicesw/tsd_products_support_category_home.

- Cisco Unified IP Phone 7931G Installation Guide
- Cisco Unified IP Phone 7931G Phone Guide
- Cisco Unified IP Phone 7931G Administration Guide

Supported Features

[Table 1](#) contains information about supported features introduced in firmware release 8.3(1).

Table 1 *Firmware Release 8.3(1) Features*

Feature	Description	Reference for More Information
Hebrew language	Supports Hebrew locales on Cisco Unified Communications Manager user interfaces and Hebrew text on phone screens.	—
Internet Low Bitrate Codec (iLBC)	iLBC supports the following basic frame lengths (maximum packet size is 60 ms): <ul style="list-style-type: none"> • 30 ms at 13.33 kbit/s • 20 ms at 15.2 kbit/s 	Cisco Unified IP Phone Administration Guides.

Table 1 **Firmware Release 8.3(1) Features (continued)**

Feature	Description	Reference for More Information
Peer Firmware Sharing	To optimize firmware upgrades, a root phone downloads the firmware image from the TFTP server and then transfers the firmware to other phones on the subnet using TCP connections.	Cisco Unified IP Phone Administration Guides. <i>Cisco Unified Communications Manager Bulk Administration Guide</i> . “Configuring Peer Firmware Sharing” section on page 3.
Wideband Settings for headset	Supports wideband codecs on headsets. Users of wideband headsets may experience improved audio sensitivity.	Cisco Unified IP Phone Administration and User Guides.

Configuring Peer Firmware Sharing

By default, Peer Firmware Sharing is not enabled. To enable peer firmware sharing for a few phones, enable Peer Firmware Sharing settings, from Cisco Unified Communications Manager, choose **Device > Phone > Add New**. Then, from the Phone Configuration window, choose Peer Firmware Sharing from Product Specific Configuration.

To configure Peer Firmware Sharing for many phones, enable Peer Firmware Setting in the Phone Template window of the Bulk Administration Tool. For details, see the *Cisco Unified Communications Manager Bulk Administration Guide*.

Installation Notes

Before using the Cisco Unified IP Phone 7931G with Cisco Unified Communications Manager release 6.0, you must install the latest firmware on all Cisco Unified Communications Manager servers in the cluster.

To download and install the firmware, follow these steps:

Procedure

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- Step 1** Go to the following URL:
<http://www.cisco.com/cgi-bin/tablebuild.pl/ip-7900ser>
- Step 2** To download the firmware for Cisco Unified IP Phone 7931G, click the following file and follow the prompts.
For Cisco Unified Communications Manager 6.0 and later:
cmterm-7931-sccp.8-3-1.cop
- Step 3** Go back to the URL shown in [Step 1](#), double-click the following hyperlink, and follow the prompts to download the Readme file, which contains installation instructions for the corresponding firmware:
cmterm-7931-sccp.8-3-1-readme.htm

Step 4 Follow the instructions in the Readme file to install the firmware.

Caveats

This section contains these topics:

- [Using Bug Toolkit, page 4](#)
- [Open Caveats, page 4](#)
- [Resolved Caveats, page 5](#)

Using Bug Toolkit

Known problems (bugs) are graded according to severity level. These release notes contain descriptions of:

- All severity level 1 or 2 bugs.
- Significant severity level 3 bugs.

You can search for problems by using the Cisco Software Bug Toolkit.

To access Bug Toolkit, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

To use the Software Bug Toolkit, follow these steps:

Procedure

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- Step 1** To access the Bug Toolkit, go to http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl.
- Step 2** Log on with your Cisco.com user ID and password.
- Step 3** Click the **Launch Bug Toolkit** hyperlink.
- Step 4** To look for information about a specific problem, enter the bug ID number in the “Enter known bug ID” field and click **Search**.
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Open Caveats

[Table 2](#) lists Severity 1, 2 and 3 defects that are open for Cisco Unified IP Phone 7931G using the SCCP version of firmware release 8.3(1).

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 shown. You must be a registered Cisco.com user to access this online information.

Because defect status continually changes, be aware that [Table 2](#) 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 the “[Using Bug Toolkit](#)” section on page 4.

Table 2 Open SCCP Caveats for Cisco Unified IP Phone 7931G

Identifier	Headline and Bug Toolkit
CSCsh04509	SIP or SCCP supervisor endpoint displays codec type for packets not transmitted http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsh04509
CSCsh46932	Do Not Disturb (DND) in active display not shown when DND key pressed with new missed call http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsh46932
CSCsh69036	Voice Quality (VQ) metrics are not updated in a scenario http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsh69036
CSCsi03041	Call goes through speaker in a scenario with speaker or headset disabled http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi03041
CSCsi11604	Callback sometimes displays incorrect called party http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi11604
CSCsi29512	During Peer Firmware Sharing, Cisco Unified IP Phone tries repeatedly to become parent, even though a child Cisco Unified IP Phone has received the download file http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi29512
CSCsi31712	With silence suppression enabled, host sends SID frame with incorrect value of “0” http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi31712
CSCsi47401	On Cisco Unified IP Phone the prompt text may overlap softkey decoration http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi47401
CSCsi54092	Match list may overflow the display on RTL locale Cisco Unified IP Phone http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi54092
CSCsj31568	Cisco Unified IP Phone remains on Java screen http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsj31568

Resolved Caveats

[Table 3](#) lists Severity 1, 2 and 3 defects that are resolved for the Cisco Unified IP Phone 7931G using firmware release 8.3(1).

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 shown. You must be a registered Cisco.com user to access this online information.

Because defect status continually changes, be aware that [Table 3](#) reflects a snapshot of the defects that were resolved at the time this report was compiled. For an updated view of resolved defects, access Bug Toolkit as described in the “[Using Bug Toolkit](#)” section on page 4.

Table 3 Resolved for Cisco Unified IP Phone 7931G

Identifier	Headline and Bug Toolkit
CSCsi81313	Directory number for primary line is in intercom history http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi81313
CSCsi93019	Cisco Unified IP Phone does not re-register properly coming out of SRST http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi93019

Documentation Updates

The following update applies to the “UI Configuration Menu Setting” section in the “Configuring Settings on the Cisco Unified IP Phone” chapter in *Cisco Unified IP Phone 7931G Administration Guide for Cisco Unified Communications Manager 6.0*.

The instructions for the “To Change” option should say the following:

From Cisco Unified Communications Manager, choose **Device > Phone > Add New**. Then, from the Phone Configuration window, choose Peer Firmware Sharing from Product Specific Configuration.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information about obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and recommended aliases and general Cisco documents, 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/en/US/docs/general/whatsnew/whatsnew.html>

Cisco Product Security Overview

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer, and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:

<http://www.cisco.com/wwl/export/crypto/tool/stqrg.html>. If you require further assistance, please contact us by sending e-mail to export@cisco.com.

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