



# Cisco Unified SIP Phone 3951

## Release Notes for Firmware Release 8.1(1b)

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**October 23, 2007**

Use these release notes with the Cisco Unified SIP Phone 3951, running firmware release 8.1(1b) which is available only in Asia Pacific and Latin American countries.

Firmware release 8.1(1b) is supported by Cisco Unified Communications Manager releases 6.0 and 5.1.



**Note**

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Firmware release 8.1(1b) is designed and tested to interoperate with Cisco call control, most notably Cisco Unified Communications Manager releases 6.0 and 5.1. Although SIP firmware is IETF RFC 3261 compliant, it is not supported by Cisco TAC or Engineering for use with non-Cisco call control systems.

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## Contents

These release notes provide the following information:

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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 documentation URL:

[http://www.cisco.com/en/US/products/ps7193/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps7193/tsd_products_support_series_home.html)



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**Americas Headquarters:**

**Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA**

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**Cisco Unified Communications Manager Documentation**

Refer to the Cisco Unified Communications Manager Documentation Guide and other publications 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](http://www.cisco.com/en/US/products/sw/voicesw/ps556/tsd_products_support_series_home.html)

**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](http://www.cisco.com/en/US/products/ps7273/tsd_products_support_series_home.html)

## Important Notes

This section contains these topics:

- [Shared Line Support, page 2](#)
- [DTMF Support on Cisco Unified SIP Phone 3951, page 2](#)

## Shared Line Support

Shared lines are not supported on Cisco Unified SIP Phone 3951. The *Cisco Unified SIP Phone 3951 Administration Guide for Cisco Unified Communications Manager 6.0 and 5.1* and *Cisco Unified SIP Phone 3951 Phone Guide for Cisco Unified Communications Manager 6.0 and 5.1* erroneously state that shared lines are supported.

## DTMF Support on Cisco Unified SIP Phone 3951

Cisco Unified SIP Phone 3951 requires the use of gateways with media termination point (MTP) transcoders that support RFC 2833, such as the Cisco 3825 Router in order to support dual tone multi-frequency (DTMF). You can configure the system to support DTMF by either configuring the MTP on a transcoding device that supports RFC 2833 or by checking the Require DTMF Reception check box for each registered Cisco Unified SIP Phone 3951 in Cisco Unified Communications Manager Administration, Phone Administration window.

## Installation Notes

This section provides information on supported Cisco Unified Communications Manager versions and device packs.

## Supported Cisco Unified Communications Manager Versions

This Cisco Unified SIP Phone 3951 firmware release is supported with Cisco Unified Communications Manager release 6.0 and 5.1.

## Cisco Unified Communications Manager Device Packs

You should install these device packs for Cisco Unified Communications Manager 6.0 and 5.1:

For Cisco Unified Communications Manager 5.1

- [cmterm-3911\\_3951-cm51.8-1-1b.cop.sgn](#)

For Cisco Unified Communications Manager 6.0

- [cmterm-3911\\_3951-cm60.8-1-1b.cop.sgn](#)

You can download the device packs from this location on Cisco.com:

<http://www.cisco.com/cgi-bin/tablebuild.pl/ip-3900ser>

## Caveats

This section contains these topics:

- [Using Bug Toolkit, page 3](#)
- [Open Caveats, page 4](#)
- [Resolved Caveats, page 4](#)

## 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://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs>
- Step 2** Log on 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 bug ID” field, then click **Go**.
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## Open Caveats

There are no open caveats for Cisco Unified SIP Phone 3951 firmware release 8.1(1b).

## Resolved Caveats

[Table 1](#) lists Severity 1, 2 and 3 defects that are resolved for the Cisco Unified SIP Phone 3951 firmware release 8.1(1b).

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 1](#) 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, page 3](#).

**Table 1** *Resolved Caveats for the Cisco Unified SIP Phone 3951 Firmware Release 8.1(1b)*

Identifier	Headline and Bug Toolkit Link
<a href="#">CSCsj01283</a>	Cisco Unified SIP Phone 3951 freezes with no operation <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj01283">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj01283</a>
<a href="#">CSCsj01317</a>	Far-end hears robotic noise when Cisco Unified SIP Phone 3951 makes a call <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj01317">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj01317</a>
<a href="#">CSCsj15736</a>	Cisco Unified SIP Phone 3951 does not follow command 'option 150' to clear second Dynamic TFTP Server <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj15736">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj15736</a>
<a href="#">CSCsj15833</a>	Cisco Unified SIP Phone 3951 cannot recognize TFTP IP address configured in DHCP option 66 <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj15833">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj15833</a>
<a href="#">CSCsj30485</a>	Cisco Unified SIP Phone 3951 displays two directory numbers in its web page <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj30485">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj30485</a>
<a href="#">CSCsj32368</a>	Cisco Unified SIP Phone 3951 does not go through TFTP step after the ethernet cable is reconnected <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj32368">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj32368</a>
<a href="#">CSCsj66332</a>	Cisco Unified SIP Phone 3951 does not register to TFTP server when Cisco Unified Communications Manager is invalid <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj66332">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj66332</a>
<a href="#">CSCsj66346</a>	Cisco Unified SIP Phone 3951 should not use <name> element to register <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj66346">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj66346</a>

**Table 1** Resolved Caveats for the Cisco Unified SIP Phone 3951 Firmware Release 8.1(1b) (continued)

Identifier	Headline and Bug Toolkit Link
<a href="#">CSCsj75913</a>	Cisco Unified SIP Phone 3951 displays more information than it gets from the UPDATE message <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj75913">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj75913</a>
<a href="#">CSCsj85896</a>	Cisco Unified SIP Phone 3951 does not use new information from DHCP server <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj85896">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj85896</a>
<a href="#">CSCsj92938</a>	Cisco Unified SIP Phone 3951 does not play busy tone once it gets '486' message <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj92938">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsj92938</a>
<a href="#">CSCsk04634</a>	Access list 'permit ip host 0.0.0.0 any' in Control Plane Protection (CoPP) policy matches all traffic <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsk04634">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsk04634</a>
<a href="#">CSCsk17476</a>	Cisco Unified SIP Phone 3951 does not recognize Western European Time Zone <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsk17476">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsk17476</a>
<a href="#">CSCsk24961</a>	Cisco Unified SIP Phone 3951 plays reorder tone incorrectly <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsk24961">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsk24961</a>
<a href="#">CSCsk44253</a>	Far-end client can hear un-mute tones <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsk44253">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsk44253</a>
<a href="#">CSCsk45930</a>	Cisco Unified SIP Phone 3951 has echo after un-mute <a href="http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsk45930">http://tools.cisco.com/Support/BugToolKit/search/getBugDetails.do?method=fetchBugDetails&amp;bugId=CSCsk45930</a>

## Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also 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 email to [export@cisco.com](mailto:export@cisco.com).

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