Release Notes for Cisco SIP IP Phone 7940/7960 Release 6.1

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Contents

This document lists the known problems in Cisco Session Initiation Protocol (SIP) IP Phone 7940/7960 Release 6.1 and contains information about the Cisco SIP IP Phone 7940/7960 (hereafter referred to as the Cisco SIP IP phone) that is not included in the most recent release of the phone documentation.

This document includes the following sections:

CISCO SYSTEMS

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New and Changed Information

New Software Features in Release 6.1

The following new software features are supported in Cisco IP Phone 7940/7960 Release 6.1.

New Configuration Parameters

The SIP phone has two new configuration parameters:

- With the **local_cfwd_enable** parameter, the administrator can configure whether or not the phone can do local call forwarding. This parameter is a boolean field with values of either on or off. The default value is 1, which is enabled.

  local_cfwd_enable:*1* (0 - off, 1 - on; the default value is 1.)

- With the **timer register_delta** parameter, the administrator can configure the time interval for reregistration. The time interval is a numeric field in seconds. The valid ranges are 32767 seconds to 0 seconds. The default value is 5 seconds. This means that the phone attempts to re-register 5 seconds before the registration period of the phone expires.

  timer_register_delta:*5* (Time interval in seconds; the default is 5 seconds.)

Installation Notes

For Cisco SIP IP phones, follow the instructions in the "Upgrading the Cisco SIP IP Phone Firmware" section at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/voice/c_ipphon/english/ipp7960/addprot/sip/admin/ver6_0/sipins60.htm

For these instructions, use P0S3-06-1-00.bin as the image name for Release 6.1. You can find the current images at the following URL:

http://www.cisco.com/cgi-bin/tablebuild.pl/sip-ip-phone7960

Caveats

Open Caveats—Release 6.1

This section documents possible unexpected behavior by Cisco IP Phone 7940/7960 Release 6.1. This section lists only severity 1 and 2 caveats and select severity 3 caveats.

- **CSCec87021**: Inconsistent behavior of Autocomplete feature on 79x0 phones

Resolved Caveats—Release 6.1

All caveats listed in this section are resolved in Cisco IP Phone 7940/7960 Release 6.1. This section lists only severity 1 and 2 caveats and select severity 3 caveats.

- **CSCdz80209**: Excessive DNS SRV lookup when proxy configured as A record
- **CSCea18567**: REFER malformed when dialplan matches user=phone
- **CSCea72385**: Timer registration prior to expiration
- **CSCeb31416**: Wrong number of Register retries on SIP Phone
- **CSCec24894**: 7960 SIP Phone sends incorrect Call-ID during every REGISTER
- **CSCec48568**:Audible pop heard when using Answer softkey or line button
- **CSCec65624**: Phone crashes after bugtrap 0x18
- **CSCec66291**: Attended Transfer disconnect the original caller, hangs itself
- **CSCec78802**: Phone crash due to CDP delay when DNS configured
- **CSCec79499**: 79x0 does not follow RFC3261 for Via branch in INVITE
- **CSCec79982**: TFTP Get fails with Solaris 9 TFTP server
- **CSCec85540**: CFwdAll should be a configurable option for the admin
- **CSCec87115**: Issues with ALPHANUMBER softkey when configuring Speed Dial Lines
- **CSCec87838**: Bootup has config errors
- **CSCed00584**: DHCP T2 timer using value less than T1 timer
- **CSCed14530**: Other-param >128B in the Contact causes phone crash
- **CSCed16132**: More than 10 entries in Personal Directory not displayed
- **CSCed17131**: Phone continually resets after config file download

Related Documentation

- *Cisco SIP IP Phone Administrator Guide, Release 6.1*
- *Cisco IP Phone 7960 and 7940 Series at a Glance*
- *Regulatory Compliance and Safety Information for the Cisco IP Phone 7960, 7940, and 7910 Series*
- *Installing the Wall Mount Kit for the Cisco IP Phone*

Obtaining Documentation

These sections explain how to obtain documentation from Cisco Systems.

World Wide Web

You can access the most current Cisco documentation on the World Wide Web at this URL:

http://www.cisco.com

Translated documentation is available at this URL:

http://www.cisco.com/public/countries_languages.shtml

Documentation CD-ROM

Cisco documentation and additional literature are available in a Cisco Documentation CD-ROM package, which is shipped with your product. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or through an annual subscription.

Ordering Documentation

You can order Cisco documentation in these ways:

- Registered Cisco.com users (Cisco direct customers) can order Cisco product documentation from the Networking Products MarketPlace:

  http://www.cisco.com/cgi-bin/order/order_root.pl

- Registered Cisco.com users can order the Documentation CD-ROM through the online Subscription Store:

  http://www.cisco.com/go/subscription

- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, U.S.A.) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

Documentation Feedback

You can submit comments electronically on Cisco.com. In the Cisco Documentation home page, click the **Fax** or **Email** option in the "Leave Feedback" section at the bottom of the page.

You can e-mail your comments to bug-doc@cisco.com.

You can submit your comments by mail by using the response card behind the front cover of your document or by writing to the following address:

Cisco Systems
Attn: Document Resource Connection
170 West Tasman Drive
San Jose, CA 95134-9883

We appreciate your comments.

Obtaining Technical Assistance

Cisco provides Cisco.com as a starting point for all technical assistance. Customers and partners can obtain online documentation, troubleshooting tips, and sample configurations from online tools by using the Cisco Technical Assistance Center (TAC) Web Site. Cisco.com registered users have complete access to the technical support resources on the Cisco TAC Web Site.

Cisco.com

Cisco.com is the foundation of a suite of interactive, networked services that provides immediate, open access to Cisco information, networking solutions, services, programs, and resources at any time, from anywhere in the world.

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- Resolve technical issues with online support
- Download and test software packages
- Order Cisco learning materials and merchandise
- Register for online skill assessment, training, and certification programs

If you want to obtain customized information and service, you can self-register on Cisco.com. To access Cisco.com, go to this URL:

http://www.cisco.com

Technical Assistance Center

The Cisco Technical Assistance Center (TAC) is available to all customers who need technical assistance with a Cisco product, technology, or solution. Two levels of support are available: the Cisco TAC Web Site and the Cisco TAC Escalation Center.

Cisco TAC inquiries are categorized according to the urgency of the issue:

- Priority level 4 (P4)—You need information or assistance concerning Cisco product capabilities, product installation, or basic product configuration.

- Priority level 3 (P3)—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.

- Priority level 2 (P2)—Your production network is severely degraded, affecting significant aspects of business operations. No workaround is available.

- Priority level 1 (P1)—Your production network is down, and a critical impact to business operations will occur if service is not restored quickly. No workaround is available.

The Cisco TAC resource that you choose is based on the priority of the problem and the conditions of service contracts, when applicable.

Cisco TAC Web Site

You can use the Cisco TAC Web Site to resolve P3 and P4 issues yourself, saving both cost and time. The site provides around-the-clock access to online tools, knowledge bases, and software. To access the Cisco TAC Web Site, go to this URL:

http://www.cisco.com/tac

All customers, partners, and resellers who have a valid Cisco service contract have complete access to the technical support resources on the Cisco TAC Web Site. The Cisco TAC Web Site requires a Cisco.com login ID and password. If you have a valid service contract but do not have a login ID or password, go to this URL to register:

http://www.cisco.com/register/

If you are a Cisco.com registered user, and you cannot resolve your technical issues by using the Cisco TAC Web Site, you can open a case online by using the TAC Case Open tool at this URL:

http://www.cisco.com/tac/caseopen

If you have Internet access, we recommend that you open P3 and P4 cases through the Cisco TAC Web Site.
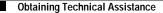
Cisco TAC Escalation Center

The Cisco TAC Escalation Center addresses priority level 1 or priority level 2 issues. These classifications are assigned when severe network degradation significantly impacts business operations. When you contact the TAC Escalation Center with a P1 or P2 problem, a Cisco TAC engineer automatically opens a case.

To obtain a directory of toll-free Cisco TAC telephone numbers for your country, go to this URL:

http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml

Before calling, please check with your network operations center to determine the level of Cisco support services to which your company is entitled: for example, SMARTnet, SMARTnet Onsite, or Network Supported Accounts (NSA). When you call the center, please have available your service agreement number and your product serial number.