



Release Notes for Cisco SIP IP Phone 7940/7960 Release 7.1

June 22, 2004

Contents

This document lists the known problems in Cisco Session Initiation Protocol (SIP) IP Phone 7940/7960 Release 7.1 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:

- [Contents, page 1](#)
- [New and Changed Information, page 2](#)
- [Installation Notes, page 2](#)
- [Caveats, page 2](#)
- [Related Documentation, page 3](#)
- [Obtaining Documentation, page 3](#)
- [Obtaining Technical Assistance, page 5](#)



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

Copyright © 2001–2004. Cisco Systems, Inc. All rights reserved.

New and Changed Information

New Software Features in Release 7.1

No new software features are supported in Cisco IP Phone 7940/7960 Release 7.1.

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/mgcp/frmw rup.htm

For these instructions, use P0S3-07-1-00.sbn as the image name for Release 7.1. 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 7.1

This section documents possible unexpected behavior by Cisco IP Phone 7940/7960 Release 7.1. This section lists only severity 1 and 2 caveats and select severity 3 caveats.

- **CSCea49094:** SIP: 79x0 phones are NOT escaping RESERVED characters in URI/URLs
- **CSCec14587:** SIP: Need to CACHE & cycle thru multiple DNS entries for FQDN Type A
- **CSCec44511:** SIP Phone are not sending ICMP port unreachable
- **CSCec87021:** SIP: Inconsistent Behavior of AutoComplete Feature on 79x0 phones
- **CSCed73817:** Anonymous Call Rejection returns wrong Response code
- **CSCee17946:** SIP: 79x0 ignores dst_start_time parameter when configured
- **CSCee49363:** SIP: Tx INVITEs to wrong port number after Rx 302 Moved Temporarily
- **CSCee53134:** SIP: CallerID Blocking needs to change more values to ANONYMOUS

Resolved Caveats—Release 7.1

All caveats listed in this section are resolved in Cisco IP Phone 7940/7960 Release 7.1. This section lists only severity 1 and 2 caveats and select severity 3 caveats.

- **CSCec60588:** 7960 SIP phone reboots if subjected to Protos SIP Cert Test
- **CSCec77988:** 7960s MD5-sess recalculates A1 on every request
- **CSCed21171:** SIP IP Phone resets rtp session when it receives sip re-invite

- **CSCed37675:** SIP phone reboots with false duplicate IP address message
- **CSCed40049:** SIPPhone: CANCEL message not formatted properly after 180 received
- **CSCed40056:** SIPPhone: DND config causes weird NTP behavior
- **CSCed44124:** HTTP requests fail, sysbufs get hung
- **CSCed48311:** Media takes 0.4 sec to be set up
- **CSCed51891:** SIPPhone: ACK to 407 sent to proxy1_address when outbound proxy cfgd
- **CSCed53241:** SIP: DSP handling of RTP streams has changed when call is MUTED
- **CSCed53258:** SIP: DSP stops sending DTMF AVT packets when in CONFERENCE
- **CSCed59936:** Microphone sensitivity for 7940/7960
- **CSCed59956:** Some tone might not play properly
- **CSCed68662:** port 65535 reject calls
- **CSCed69788:** SIPPhone: INVITE w/o media line in SDP causes phone hang/reboot
- **CSCed81406:** SIPPhone: G729 calls send RFC2833 packets and voice packets at 10ms
- **CSCed88935:** SIP: Issues with IP UDP Fragmentation of Larger SIP Messages
- **CSCed91569:** SIP: Proxy-Authorization header missing in ACK request
- **CSCee03194:** 79x0: Phone uses cached A record instead A record from SRV lookup
- **CSCee03195:** SIPPhone: Phone Accepts packets from multicast/broadcast source
- **CSCee06742:** AdminVLAN Id will be lost after the second reboot.
- **CSCee16710:** 79x0: When VAD is enabled and mute is engaged, no comfort noise RTP
- **CSCee20672:** Phone does not drop to LA config hunt when Alternate TFTP is changed
- **CSCee25060:** Phone might not be able to preempt a tone with another one
- **CSCee31047:** Universal App Loader does not config file hunt on all TFTP errors
- **CSCee42371:** SIP: Issues with providing remote party ID headers in Re-INVITE
- **CSCee49590:** 79x0: Config File size limited to 5724 bytes instead of 8192 bytes
- **CSCee57017:** Called Cisco 7960 uses incorrect Nonce-Count value on re-INVITE

Related Documentation

- [Cisco SIP IP Phone Administrator Guide, Release 7.1](#)
- [Cisco IP Phone 7960/7940 Series - Quick Reference](#)
- [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

Cisco provides several ways to obtain documentation, technical assistance, and other technical resources. These sections explain how to obtain technical information from Cisco Systems.

Cisco.com

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

<http://www.cisco.com/univercd/home/home.htm>

You can access the Cisco website at this URL:

<http://www.cisco.com>

International Cisco websites can be accessed from this URL:

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

Ordering Documentation

You can find instructions for ordering documentation at this URL:

http://www.cisco.com/univercd/cc/td/doc/es_inpk/pdi.htm

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 e-mail comments regarding Cisco IOS software release notes and caveats documentation to relnote-feedback@cisco.com.

You can submit e-mail comments about technical documentation to bug-doc@cisco.com.

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

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

We appreciate your comments.

Documentation Survey

Is Cisco documentation helpful? Click [here](#) to give us your feedback or go to the following URL to give us your feedback:

<http://www.cisco.com/warp/public/732/docsurvey/rtg/> to give us your feedback.

Obtaining Technical Assistance

For all customers, partners, resellers, and distributors who hold valid Cisco service contracts, the Cisco Technical Assistance Center (TAC) provides 24-hour-a-day, award-winning technical support services, online and over the phone. Cisco.com features the Cisco TAC website as an online starting point for technical assistance. If you do not hold a valid Cisco service contract, please contact your reseller.

Cisco TAC Website

The Cisco TAC website provides online documents and tools for troubleshooting and resolving technical issues with Cisco products and technologies. The Cisco TAC website is available 24 hours a day, 365 days a year. The Cisco TAC website is located at this URL:

<http://www.cisco.com/tac>

Accessing all the tools on the Cisco TAC website requires a Cisco.com user ID and password. If you have a valid service contract but do not have a login ID or password, register at this URL:

<http://tools.cisco.com/RPF/register/register.do>

Opening a TAC Case

Using the online TAC Case Open Tool is the fastest way to open P3 and P4 cases. (P3 and P4 cases are those in which your network is minimally impaired or for which you require product information.) After you describe your situation, the TAC Case Open Tool automatically recommends resources for an immediate solution. If your issue is not resolved using the recommended resources, your case will be assigned to a Cisco TAC engineer. The online TAC Case Open Tool is located at this URL:

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

For P1 or P2 cases (P1 and P2 cases are those in which your production network is down or severely degraded) or if you do not have Internet access, contact Cisco TAC by telephone. Cisco TAC engineers are assigned immediately to P1 and P2 cases to help keep your business operations running smoothly.

To open a case by telephone, use one of the following numbers:

Asia-Pacific: +61 2 8446 7411 (Australia: 1 800 805 227)

EMEA: +32 2 704 55 55

USA: 1 800 553-2447

For a complete listing of Cisco TAC contacts, go to this URL:

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

TAC Case Priority Definitions

To ensure that all cases are reported in a standard format, Cisco has established case priority definitions.

Priority 1 (P1)—Your network is “down” or there is a critical impact to your business operations. You and Cisco will commit all necessary resources around the clock to resolve the situation.

Priority 2 (P2)—Operation of an existing network is severely degraded, or significant aspects of your business operation are negatively affected by inadequate performance of Cisco products. You and Cisco will commit full-time resources during normal business hours to resolve the situation.

Priority 3 (P3)—Operational performance of your network is impaired, but most business operations remain functional. You and Cisco will commit resources during normal business hours to restore service to satisfactory levels.

Priority 4 (P4)—You require information or assistance with Cisco product capabilities, installation, or configuration. There is little or no effect on your business operations.

Obtaining Additional Publications and Information

Information about Cisco products, technologies, and network solutions is available from various online and printed sources.

- The Cisco Product Catalog describes the networking products offered by Cisco Systems, as well as ordering and customer support services. Access the Cisco Product Catalog at this URL:
http://www.cisco.com/en/US/products/products_catalog_links_launch.html
- Cisco Press publishes a wide range of networking publications. Cisco suggests these titles for new and experienced users: Internetworking Terms and Acronyms Dictionary, Internetworking Technology Handbook, Internetworking Troubleshooting Guide, and the Internetworking Design Guide. For current Cisco Press titles and other information, go to Cisco Press online at this URL:
<http://www.ciscopress.com>
- Packet magazine is the Cisco quarterly publication that provides the latest networking trends, technology breakthroughs, and Cisco products and solutions to help industry professionals get the most from their networking investment. Included are networking deployment and troubleshooting tips, configuration examples, customer case studies, tutorials and training, certification information, and links to numerous in-depth online resources. You can access Packet magazine at this URL:
<http://www.cisco.com/go/packet>
- iQ Magazine is the Cisco bimonthly publication that delivers the latest information about Internet business strategies for executives. You can access iQ Magazine at this URL:
<http://www.cisco.com/go/iqmagazine>
- Internet Protocol Journal is a quarterly journal published by Cisco Systems for engineering professionals involved in designing, developing, and operating public and private internets and intranets. You can access the Internet Protocol Journal at this URL:
http://www.cisco.com/en/US/about/ac123/ac147/about_cisco_the_internet_protocol_journal.html
- Training—Cisco offers world-class networking training. Current offerings in network training are listed at this URL:
<http://www.cisco.com/en/US/learning/index.html>

This document is to be used in conjunction with the documents listed in the [“Related Documentation” section on page 3](#).

CCVP, the Cisco logo, and Welcome to the Human Network are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc.; and Access Registrar, Aironet, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, iQuick Study, LightStream, Linksys, MeetingPlace, MGX, Networkers, Networking Academy, Network Registrar, PIX, ProConnect, ScriptShare, SMARTnet, StackWise, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website 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. (0711R)

Copyright © 2001–2004
Cisco Systems, Inc.
All rights reserved.