



Release Notes for Cisco MGCP IP Phone 7940/7960 Release 4.2

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Contents

This document lists the known problems in Cisco Media Gateway Control Protocol (MGCP) IP Phone 7940/7960 Release 4.2 and contains information about the Cisco MGCP IP Phone 7940/7960 (hereafter referred to as the Cisco MGCP IP phone) that is not included in the most recent release of the phone documentation.

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New and Changed Information

New Software Features in Release 4.2

The following new software features are supported in Cisco IP Phone 7940/7960 Release 4.2.

Enhanced Localization Support

The Cisco MGCP IP phone supports enhanced localization which allows for limited additional Swedish-language support.

MGCP Keepalive Parameters

Two new keepalive parameters are supported to keep Network Address Translation (NAT) box port bindings active to the endpoint. The configuration parameters are:

- **mgcp_keepalive** - specifies whether the MGCP keepalive is on or off. The values are 0 for off (default) and 1 for on.
- **mgcp_keepalive_timer** - specifies the interval at which the keepalive is transmitted. The interval is between 10 and 600 seconds. The default is 30 seconds.

The keepalive message appears as follows:

```
RSIP 1243 d001@0003435c4342 MGCP 1.0  
RM:X-keepalive
```

Locking Configuration Mode / Unlocking Configuration Mode

The method for locking and unlocking the configuration changes with Release 4.2 from previous releases.

For more information on the new procedure, refer to the section “Using the MGCP Phone Settings Button” in the document, *Configuring the Cisco MGCP IP Phone*.

Installation Notes

For Cisco MGCP IP phones, follow the instructions in the “Performing an Image Upgrade and Remote Reboot” section at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/voice/c_ipphon/mgcp/mgcpconf.htm

For these instructions, use P0M3-04-2-00.bin as the image name for Release 4.2.

Caveats

Open Caveats—Release 4.2

No open caveats specific to Cisco IP Phone 7940/7960 Release 4.2 require documentation in the release notes.

Resolved Caveats—Release 4.2

All the caveats listed in this section are resolved in Cisco IP Phone 7940/7960 Release 4.2. This section lists only severity 1 and 2 caveats and select severity 3 caveats.

- **CSCdw16714**: Flooding unicast packets cause phone reboot
- **CSCdw16720**: Illegally fragmented packets reboot phone
- **CSCdw95128**: Illegally fragmented packets reboot phone
- **CSCdx21102**: Unchecked query string parameter vulnerability
- **CSCdy27741**: Phone has Denial of Service Issues
- **CSCdz38170**: Porting TCP fix port - CSCdy85340
- **CSCdy25289**: 79x0 does not support UDP fragmentation
- **CSCdy34100**: Internationalization changes (short-term)
- **CSCdy69428**: Flooding traffic to SIP or MGCP Phone reboots it
- **CSCdy50584**: Phone resets with line rate traffic from PC Port
- **CSCdz01926**: MGCP SDP parser too strict on c=, m= lines
- **CSCdz18770**: Phone config files only 5724 bytes not 8192 bytes
- **CSCdz14050**: Volume slider bar shifts while in use
- **CSCdw93281**: Fragmented TCP packets reboot phone

Related Documentation

- [Cisco MGCP IP Phone Reference Guide, Version 4.2](#)
- [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:

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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

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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.

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

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