THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR CISCO REPRESENTATIVE FOR A COPY.

The following information is for FCC compliance of Class A devices: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio-frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case users will be required to correct the interference at their own expense.

The following information is for FCC compliance of Class B devices: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the equipment causes interference to radio or television reception, which can be determined by turning the equipment off and on, users are encouraged to try to correct the interference by using one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications to this product not authorized by Cisco could void the FCC approval and negate your authority to operate the product

The Cisco implementation of TCP header compression is an adaptation of a program developed by the University of California, Berkeley (UCB) as part of UCB’s public domain version of the UNIX operating system. All rights reserved. Copyright © 1981, Regents of the University of California.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. CISCO AND THE ABOVE-NAMED SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL CISCO OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF CISCO OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: http://www.cisco.com/go/trademarks. Third-party trademarks mentioned 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. (1110R)

© 2015 Cisco Systems, Inc. All rights reserved.
CONTENTS

CHAPTER 1
Cisco Unified Wireless IP Phone 7921G, 7925G, 7925G-EX, and 7926G Release Notes for Firmware Release 1.4(3)SR1 1
Introduction 1
Related Documentation 2
Cisco Unified IP Phone 7900 Series Documentation 2
Cisco Unified Communications Manager Documentation 2
Cisco Business Edition 5000 Documentation 2
Cisco Unified Communications Manager Express Documentation 2
Cisco Unified Wireless IP Phone 792xG Deployment Guides 2
New and Changed Information 3
Cisco Unified Wireless IP Phone 7921G, 7925G, 7925G-EX, and 7926G Release 1.4(3)SR1 Support 3
Installation 3
Install Firmware Release 1.4(3)SR1 on Cisco Unified Communications Manager 3
Install Firmware Release 1.4(3)SR1 on Cisco Unified Communications Manager Express 5
Install Bulk Deployment Utility 6
Install Cisco Unified Wireless IP Phone 792xG Configuration Utility Using Wavelink Avalanche Server Console 6
Important Notes 7
Health-Care Environment Use 7
Debug Level Impact to Voice Quality 7
USB Connection Disabled After Powering Phone Off and On 7
Game MIDlet Impact to Voice Quality 7
Upgrade from Releases Prior to 1.4(3) 8
Phone Behavior During Times of Network Congestion 8
Unified Communications Manager Endpoints Locale Installer 8
Caveats 8
Access Cisco Bug Search 8
Open Caveats 9
Resolved Caveats 10
Cisco IP Phone Firmware Support Policy 10
Documentation, Service Requests, and Additional Information 10
Introduction

Use these release notes with the Cisco Unified Wireless IP Phone 7921G, 7925G, 7925G-EX, and 7926G. The following table describes the individual phone requirements.

<table>
<thead>
<tr>
<th>Phone</th>
<th>Cisco Unified Communications Manager Release</th>
<th>Cisco Unified Communications Manager Express Release</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cisco Unified Wireless IP Phone 7921G</td>
<td>5.1 and later</td>
<td>4.1 and later</td>
</tr>
<tr>
<td>Cisco Unified Wireless IP Phone 7925G and 7925G-EX</td>
<td>5.1 and later</td>
<td>4.3 and later</td>
</tr>
</tbody>
</table>
Related Documentation

Use the following sections to obtain related information.

Cisco Unified IP Phone 7900 Series Documentation

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


Cisco Unified Communications Manager Documentation

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


Cisco Business Edition 5000 Documentation

See the Cisco Business Edition 5000 Documentation Guide and other publications that are specific to your Cisco Business Edition 5000 release. Navigate from the following URL:


Cisco Unified Communications Manager Express Documentation

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


Cisco Unified Wireless IP Phone 792xG Deployment Guides

To see the Cisco Unified Wireless IP Phone 792xG Deployment Guides, navigate from the following URL:
New and Changed Information

The following sections describe the features that are new or have changed for this release.

Cisco Unified Wireless IP Phone 7921G, 7925G, 7925G-EX, and 7926G Release 1.4(3)SR1 Support

The following table lists the phone hardware revisions that require this release.

<table>
<thead>
<tr>
<th>Phone</th>
<th>Revision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cisco Unified Wireless IP Phone 7921G</td>
<td>4.5 and 4.6</td>
</tr>
<tr>
<td>Cisco Unified Wireless IP Phone 7925G</td>
<td>3.0</td>
</tr>
<tr>
<td>Cisco Unified Wireless IP Phone 7925G-EX</td>
<td>3.0</td>
</tr>
<tr>
<td>Cisco Unified Wireless IP Phone 7926G</td>
<td>4.0</td>
</tr>
</tbody>
</table>

These hardware revisions cannot be downgraded to a firmware release lower than 1.4(3)SR1. Firmware Release 1.4(3)SR1 and later is required for Cisco Unified Wireless IP Phone 7921G hardware revision 4.5 and 4.6, Cisco Unified Wireless IP Phone 7925G and Cisco Unified Wireless IP Phone 7925G-EX hardware revision 3.0, and Cisco Unified Wireless IP Phone 7926G hardware revision 4.0.

Installation

Use the following sections to install the firmware.

Install Firmware Release 1.4(3)SR1 on Cisco Unified Communications Manager

Before You Begin

To make the Cisco Unified Wireless IP Phone 7921G, 7925G, 7925G-EX, and 7926G available in the Cisco Unified Communications Manager system, you might need to upgrade your system with the latest DevPack patch for your release of Cisco Unified Communications Manager.

Check the readme file that is posted with the Firmware Version 1.4(3)SR1 for more information:

- For Cisco Unified Wireless IP Phone 7921G, the readme file is cmterm-7921-sccp.1-4-3SR1-2-Readme.html.
- For Cisco Unified Wireless IP Phone 7925 and 7925G-EX, the readme file is cmterm-7925-sccp.1-4-3SR1-2-Readme.html.
For Cisco Unified Wireless IP Phone 7926G, the readme file is cmterm-7926-sccp.1-4-3SR1-2-Readme.html.

Before using the Cisco Unified Wireless IP Phone 7921G, 7925G, 7925G-EX, and 7926G with Cisco Unified Communications Manager, you must install the firmware on all Cisco Unified Communications Manager servers in the cluster.

Note

- The Cisco Unified Wireless IP Phone 7921G is supported with Cisco Unified Communications Manager Release 5.1 and later.
- The Cisco Unified Wireless IP Phone 7925G and 7925G-EX are supported with Cisco Unified Communications Manager Release 5.1 and later.
- The Cisco Unified Wireless IP Phone 7926G is supported with Cisco Unified Communications Manager Release 7.1(5) and later.

Procedure

Step 1 To access the firmware files, go to this URL:

Step 2 Log in to the Tools and Resources Download page.

Step 3 Choose the IP Telephony folder.

Step 4 Choose Unified Communications Endpoints > Cisco Unified IP Phones 7900 Series.

Step 5 Choose Cisco Unified Wireless IP Phone 7921G, Cisco Unified Wireless IP Phone 7925G, or Cisco Unified Wireless IP Phone 7926G.

Step 6 Choose Skinny Client Control Protocol (SCCP) Software.

Step 7 Choose 1.4(3)SR1 under the Latest Releases folder.

Step 8 Click Download or Add to cart and follow the prompts. The files to download are:

- Cisco Unified Wireless IP Phone 7921G: cmterm-7921-sccp.1-4-3SR1-2.cop.sgn
- Cisco Unified Wireless IP Phone 7925G and 7925G-EX: cmterm-7925-sccp.1-4-3SR1-2.cop.sgn
- Cisco Unified Wireless IP Phone 7926G: cmterm-7926-sccp.1-4-3SR1-2.cop.sgn

Step 9 To view the readme file, use the Add to cart download method.

- Cisco Unified Wireless IP Phone 7921G: cmterm-7921-sccp.1-4-3SR1-2-Readme.html
- Cisco Unified Wireless IP Phone 7925G and 7925G-EX: cmterm-7925-sccp.1-4-3SR1-2-Readme.html
- Cisco Unified Wireless IP Phone 7926G: cmterm-7926-sccp.1-4-3SR1-2-Readme.html

Step 10 Follow the instructions in the readme file to install the firmware.
Install Firmware Release 1.4(3)SR1 on Cisco Unified Communications Manager Express

You must download the Cisco Unified Wireless IP Phone 7921G, 7925G, 7925G-EX, and 7926G version 1.4(3)SR1 firmware image file from the software download center.

**Note**

- The Cisco Unified Wireless IP Phone 7921G is supported with Cisco Unified Communications Manager Express Release 4.1 and later.
- The Cisco Unified Wireless IP Phone 7925G and 7925G-EX are supported with Cisco Unified Communications Manager Express Release 4.3 and later.
- The Cisco Unified Wireless IP Phone 7926G is supported with Cisco Unified Communications Manager Express Release 8.6 and later.

For more information about this procedure, refer to the "Installing and Upgrading Cisco Unified CME Software" chapter in the *Cisco Unified Communications Manager Express System Administrator Guide* at this URL:  

To install the firmware, follow these steps:

**Procedure**

**Step 1**  
To access the firmware files, go to this URL:  

**Step 2**  
Log in to the Tools and Resources Download page.

**Step 3**  
Choose the IP Telephony folder.

**Step 4**  
Choose Unified Communications Endpoints > Cisco Unified IP Phones 7900 Series.

**Step 5**  
Choose Cisco Unified IP Phone 7921G, Cisco Unified IP Phone 7925G, or Cisco Unified IP Phone 7926G.

**Step 6**  
Choose Skinny Client Control Protocol (SCCP) Software.

**Step 7**  
Choose 1.4(3)SR1 in the Latest Releases folder.

**Step 8**  
Click Download or Add to cart and follow the prompts.  
The files to download are:

- Cisco Unified Wireless IP Phone 7921G: cmterm-7921-sccp.1-4-3SR1-2.zip
- Cisco Unified Wireless IP Phone 7925G and 7925G-EX: cmterm-7925-sccp.1-4-3SR1-2.zip
- Cisco Unified Wireless IP Phone 7926G: cmterm-7926-sccp.1-4-3SR1-2.zip

**Step 9**  
Extract the files from the TAR image, manually copy them to the Cisco Unified Communications Manager Express TFTP server (router flash), and enable them for TFTP.
Install Bulk Deployment Utility

To install the Bulk Deployment utility, follow these steps:

Procedure

Step 1 To access the file, go to this URL:
http://software.cisco.com/download/navigator.html?mdfid=280789323

Step 2 If required, log into the page.

Step 3 Choose IP Phones > Cisco Unified IP Phones 7900 Series.

Step 4 Choose Cisco Unified IP Phone 7921G, Cisco Unified IP Phone 7925G, or Cisco Unified IP Phone 7926G.

Step 5 Choose IP Phone Tools and Utilities > BDU Files.

Step 6 Download the Bulk Deployment Utility file to the desired location.

Step 7 To view the readme file, use the Add to cart download method.

Step 8 Double-click on the file to launch the install wizard.

Step 9 At the Welcome screen, click Next.

Step 10 Click Next to accept the default destination folder as the installation path.

Step 11 Click Install to start the installation.

Step 12 Click Finish when the installation is complete.

Install Cisco Unified Wireless IP Phone 792xG Configuration Utility Using Wavelink Avalanche Server Console

To install the Cisco Wireless IP Phone 792xG Configuration utility, follow these steps:

Procedure

Step 1 To access the firmware files, go to this URL:
http://software.cisco.com/download/navigator.html?mdfid=280789323
Step 2 If required, log into the page.
Step 3 Choose IP Phones > Cisco Unified IP Phones 7900 Series.
Step 4 Choose Cisco Unified IP Phone 7921G, Cisco Unified IP Phone 7925G, or Cisco Unified IP Phone 7926G.
Step 5 Choose IP Phone Tools and Utilities > CU Files.
Step 6 Download the Cisco Unified Wireless IP Phone 792xG Configuration Utility for Wavelink Avalanche file to a host that is accessible to the Avalanche Console.
Step 7 To view the Readme file, use the Add to cart download method.
Step 8 Launch the Avalanche Console and connect to an Avalanche agent.
Step 9 Select Software Management > Installing Software Package from the menu.
Step 10 Enter the path for the Cisco Unified Wireless IP Phone 792xG Configuration Utility for Wavelink Avalanche file.
Step 11 Click New, and enter the Cisco Unified Wireless IP Phone 792xG Configuration Utility for Wavelink Avalanche file name.
Step 12 Follow the prompts to complete the installation.

Important Notes

This section provides general information about using and supporting the Cisco Unified Wireless IP Phone 7921G, 7925G, 7925G-EX, and 7926G in your system.

Health-Care Environment Use

This product is not a medical device and uses an unlicensed frequency band that is susceptible to interference from other devices or equipment.

Debug Level Impact to Voice Quality

Voice quality can be impaired when you set system log trace files for higher debug levels. Set only the modules that are required when capturing trace files for a phone.

USB Connection Disabled After Powering Phone Off and On

If you power off the Cisco Unified Wireless IP Phone 7921G, 7925G, 7925G-EX, and 7926G with the USB cable connected and then power it on again, the USB connection might fail.

To enable the USB connection, unplug the USB cable from the phone and then plug it back in.

Game MIDlet Impact to Voice Quality

If you are running a Java MIDlet game application in the background during an active call, voice quality may be affected.
Upgrade from Releases Prior to 1.4(3)

If your Cisco Unified Wireless IP Phones are currently running a release prior to 1.4(3), then you must use the Trivial File Transport Protocol (TFTP) method to upgrade to release 1.4(3) or later. Once upgraded to release 1.4(3) or later, you can then upgrade to later versions using the phone's webpage either via USB or WLAN.

Phone Behavior During Times of Network Congestion

Anything that degrades network performance can affect Cisco IP Phone voice and video quality, and in some cases, can cause a call to drop. Sources of network degradation can include, but are not limited to, the following activities:

- Administrative tasks, such as an internal port scan or security scan
- Attacks that occur on your network, such as a Denial of Service attack

To reduce or eliminate any adverse effects to the phones, schedule administrative network tasks during a time when the phones are not being used or exclude the phones from testing.

Unified Communications Manager Endpoints Locale Installer

By default, Cisco IP Phones are set up for the English (United States) locale. To use the Cisco IP phones in other locales, you must install the locale-specific version of the Unified Communications Manager Endpoints Locale Installer on every Cisco Unified Communications Manager server in the cluster. The Locale Installer installs the latest translated text for the phone user interface and country-specific phone tones on your system so that they are available for the Cisco IP Phones.

To access the Locale Installer required for a release, access http://software.cisco.com/download/navigator.html?mdfid=286037605&flowid=46245, navigate to your phone model, and select the Unified Communications Manager Endpoints Locale Installer link.

For more information, see the "Locale Installer" section in the Cisco Unified Communications Operating System Administration Guide.

The latest Locale Installer may not be immediately available; continue to check the website for updates.

Caveats

The following sections describe the Cisco Software Bug Toolkit and the open and resolved caveats.

Access Cisco Bug Search

Known problems (bugs) are graded according to severity level. These release notes contain descriptions of the following:
• All severity level 1 or 2 bugs
• Significant severity level 3 bugs

You can search for problems by using the Cisco Bug Search.

**Before You Begin**
To access Cisco Bug Search, you need the following items:

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

**Procedure**

**Step 1**
To access the Cisco Bug Search, go to:
https://tools.cisco.com/bugsearch

**Step 2**
Log in 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 field, then press **Enter**.

**Open Caveats**

The following table lists severity 1, 2, and 3 defects that are open for the Cisco Unified IP Phones that use Firmware Release 1.4(3)SR1.

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

Because defect status continually changes, the table 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 Access Cisco Bug Search, on page 8.

**Table 1: Open Caveats for Firmware Release 1.4(3)SR1**

<table>
<thead>
<tr>
<th>Identifier</th>
<th>Headline</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCtt38270</td>
<td>7925 sometimes takes 1+ second to respond to WPA M1 key message</td>
</tr>
<tr>
<td>CSCub51804</td>
<td>Intermittent hanging of splash screen</td>
</tr>
<tr>
<td>CSCub55137</td>
<td>CP7925 sometime don't use source port defined in &quot;OpenReceiveChannelAck&quot;</td>
</tr>
</tbody>
</table>
Resolved Caveats

The following table lists severity 1, 2, and 3 defects that are resolved for the Cisco Unified IP Phones that use Firmware Release 1.4(3)SR1.

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

Because defect status continually changes, the table 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 Access Cisco Bug Search, on page 8.

Table 2: Resolved Caveats for Firmware Release 1.4(3)SR1

<table>
<thead>
<tr>
<th>Identifier</th>
<th>Headline</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSCtz10876</td>
<td>Speakerphone left on after running Java MIDlet on 7925/7926 phone</td>
</tr>
<tr>
<td>CSCtz35941</td>
<td>Midlet: HttpConnection request blocks UI input</td>
</tr>
<tr>
<td>CSCtz48689</td>
<td>792x phone fails to send M2 key for WPA-PSK with Aruba APs</td>
</tr>
<tr>
<td>CSCtz79005</td>
<td>Lower case y,p,g,q cutoff in text</td>
</tr>
<tr>
<td>CSCtz79017</td>
<td>Characters in text box are chopped off</td>
</tr>
<tr>
<td>CSCtz79731</td>
<td>Alerting call bubble could not display up to 30 characters</td>
</tr>
<tr>
<td>CSCtz90116</td>
<td>792x phone advertises iLBC codec twice in its capability message</td>
</tr>
<tr>
<td>CSCua56493</td>
<td>J2ME app gets null IP due to too many open files error</td>
</tr>
</tbody>
</table>

Cisco IP Phone Firmware Support Policy


Documentation, Service Requests, and Additional Information

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly What’s New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.
INDEX

B

bug 8