



## **Avaya 1692 IP Conference Phone H.323 Release 1.4.3 Readme**

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This file is the Readme for the Avaya H.323 Release 1.4.3 software for the Avaya 1692 IP Conference Phone. This file describes the contents of the October 2014 release software distribution package.

This Release supersedes all previous Avaya 1692 IP Conference Phone H.323 releases and service packs. Avaya recommends that all customers upgrade both new and installed 1692 IP Conference Phones to this version at their earliest convenience.

The information in this document is accurate as of the issue date and subject to change.



**Please refer to the information in this file for prior to deploying this software.**

## **Avaya Aura<sup>®</sup> Communication Manager (CM) Compatibility**

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The 1692 IP Conference Phone using H.323 Release 1.4.3 software is supported on Avaya Aura Communication Manager 5.2.1 and Communication Manager 6.3.0 or later. The 1692 is not natively supported. It is recommended that the 1692 be administered as a 4621.

## **Documentation for H.323 Release 1.4.3**

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The following documentation is unchanged from the versions provided for H.323 1.4.0

- [Avaya 1692 IP Conference Phone Quick Start Guide for Installation, Configuration and Software Upgrades \(R1.4\)](#)
- [Avaya 1692 IP Conference Phone Quick Reference Guide](#)
- [1692 IP Conference Phone User Guide \(English\)](#)

This documentation is available on <http://support.avaya.com> under "1692 IP Conference Phone" -> "1.4.x" -> Documents.

## H.323 1.4.3 Package Content

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The H.323 1.4.3 package (1692-IPT-H323-R1\_4\_3-093014.zip) contains all the files necessary to upgrade Avaya new or previously installed 1692 IP Conference Phones to Release 1.4.3.

The following files are included in the release package:

- 1692\_014300.bin (application file)
- Bootrom.ld (boot file)
- 1692upgrade.txt (Avaya upgrade script file)
- 0000000000000.cfg (XML file required for BootServer process)
- sip\_backup.cfg (Required for TLS and Localization)
- phone1\_vcvr.cfg (Required for TLS and Localization)
- 1692Localization folder containing supported language folders.
  - French\_Canada
  - French\_France
  - German\_Germany
  - Italian\_Italy
  - Spanish\_Spain
  - Chinese\_China
  - Japanese\_Japan
  - Portuguese\_Portugal
  - Russian\_Russia
- av\_prca\_pem\_2033.txt (Avaya Product Root CA certificate)
- av\_csca\_pem\_2032.txt
- av\_sipca\_pem\_2027.txt
- av\_sipca\_pem\_2011.txt
- release.xml (Release content in .xml format)

The signatures in the signatures subdirectory of the .zip distribution package are only intended to be used by the file server, and the file server that is on the CM 6.x Utility Server is the only file server that currently support this.

System specific parameters should be entered into the 46xxsettings.txt file which is available for separate download at <http://support.avaya.com>.

Note that the "sip\_backup.cfg" and "phone1\_vcvr.cfg" files are required for TLS and localization with the 1692 H.323 offering. These files must be present with every upgrade package.

The upgrade procedure requires that all files be placed in the file server folder.

## H.323 Release 1.4.3 Resolved Issues (since H.323 1.4.2)

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The following table includes issues which are resolved with this release of software compared to H.323 1.4.2.

ID	Issue Description
SSIP-8884 wi01147030	A space in the DHCPREQUEST from the 1692, causes some DHCP servers to fail the host name compliance checking during the security server synchronization process.
SSIP-8888 wi01152951	1692 goes into rolling reboot and is not able to register after performing a MUTE-CLEAR. This is the result of a race condition in processing the response to a DNS query.
SSIP-8890 Wi01164234	1692s with external power, connected to a layer 2 switch with PoE enabled, and the network being down at boot-up, will send a DHCPDISCOVER and wait indefinitely for the DHCPOFFER even after the network is restored.
SSIP-8894 Wi01170592	1692's send tagged LLDP packets to an Avaya ERS node with ADAC-LLDP enabled, will not register.

## Unresolved issues in H.323 Release 1.4.3

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The following table includes unresolved issues with this release of software.

ID	Issue Description
SSIP-8841	wi01120700: Group ID not stored after hard reboot
SSIP-8689	When user goes off-hook and then starts accessing Menu>>Ringing Patterns (without dialing any number) simultaneously listening the ring tones while dial tone is being played out notices an increase in dial tone volume.
SSIP-8295	LLDP: Phone is not losing its connectivity with the CM if change the VLAN in Network policy TLV and remains registered after dropping the call. Note: Phone functionality does not get impacted.
SSIP-8304	Phone is not displaying the 802.1x Failure screens if disabling the ID on the authentication server when in Restart confirmation screen.
SSIP-8535	Phone displays enter extension screen if do Mute ADDR# after authenticating the phone with a different 802.1x user id and password.
SSIP-8685/ wi00973379	SET HTTPDIR not retained during boot up.

## **Advisements with H.323 1.4.3 software**

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### **Upgrades/Downgrades**

Upgrades from H.323 Release 1.0 and H.323 Release 1.3 or later using HTTPS will fail due to changes in the default port from 443 to 411.

Workaround:

- Change TLS\_PORT via DHCP-SSON and set explicitly to 411.
- Upgrade from H.323 Release 1.0 to Release 1.2. Perform MUTE Clear on Release 1.2, use a static IP address and then upgrade to Release 1.3 or later.

When downgrading to H.323 Release 1.0, an "Error loading <mac>.cfg" error is displayed.

Workaround:

- Reboot the 1692 and re-enter the IP address.

### **Unplugging 1692 – unexpected results**

Unplugging the phone while in working condition may lead to unexpected results. It is advisable to use the gracious way of restarting the phone via MUTE RESET # (No/Restart-Yes).

### **Upgrade/Downgrade with 802.1x**

Upgrade/downgrade of software's on 1692 with 802.1x enabled, the re-authentication period needs to be set to at least 10 minutes.

### **Language Files**

All the Language '1692-Dictionary.xml' files containing folder named "1692Localization" must be placed into the File server's default directory.

Localization feature is enabled with support for ten languages (German, French\_Canada, French\_France, Spanish, Italian, Simplified Chinese, Japanese, Portuguese and Russian) in addition to existing English.

For example in case of German language and Boot Server folder is TFTP\_ROOT, the XML file named 1692-dictionary.xml is to be placed under 'TFTP\_ROOT\1692Localization\German\1692-dictionary.xml'. Similar procedure is applicable for all other languages mentioned above.

- In script file please mention "SET SYSLANG German" to select German locale.

For French Language it needs to be mentioned "SET SYSLANG French\_Canada" or "SET SYSLANG French\_France"

Note: The Language set in script file and Communication Manager should be the same.

## Appendix 1 – Supported Hardware

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H.323 1.4.x software is supported on the following models of IP Conference Phones

Comcode	Description	Lifecycle Status
700473689	1692 IP Audio Conference Phone (PoE)	End-of-sale as of 7 <sup>th</sup> July 2014. Will move to end-of-manufacturer support 7 <sup>th</sup> , July 2017

## Appendix 2 – Release History

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The following table provides a history of the H.323 1.x.x software releases.

Release	Date	Link to Readme file
1.0.0	November 2009	<a href="http://support.avaya.com/css/P8/documents/100156147">http://support.avaya.com/css/P8/documents/100156147</a>
1.1.0	September 2010	<a href="http://support.avaya.com/css/P8/documents/100112117">http://support.avaya.com/css/P8/documents/100112117</a>
1.2.0	February 2011	<a href="http://support.avaya.com/css/P8/documents/100129572">http://support.avaya.com/css/P8/documents/100129572</a>
1.3.0	May 2011	<a href="http://support.avaya.com/css/P8/documents/100140401">http://support.avaya.com/css/P8/documents/100140401</a>
1.4.0	March 2012	<a href="http://support.avaya.com/css/P8/documents/100158025">http://support.avaya.com/css/P8/documents/100158025</a>
1.4.2	January 2014	<a href="http://support.avaya.com/css/P8/documents/100177667">http://support.avaya.com/css/P8/documents/100177667</a>
1.4.3	October 2014	<a href="http://support.avaya.com/css/P8/documents/100183169">http://support.avaya.com/css/P8/documents/100183169</a>

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