Avaya 1692 IP Conference Phone H.323 Release 1.4.2 Readme

This file is the Readme for the Avaya H.323 Release 1.4.2 software for the Avaya 1692 IP Conference Phone. This file describes the contents of the January 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® Communication Manager (CM) Compatibility

The 1692 IP Conference Phone using H.323 Release 1.4.2 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 4620SW.

Documentation for H.323 Release 1.4.2

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 1.4.2 Package Content

The H.323 1.4.2 package contains all the files necessary to upgrade Avaya new or previously installed 1692 IP Conference Phones to Release 1.4.2.

The following files are included in the release package:
- 1692_0142000.bin   (application file)
- Bootrom.ld   (boot file)
- 1692upgrade.txt   (Avaya upgrade script file)
- 000000000000.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.

The H.323 Release 1.4.2 package is available in the following version:
- 1692-IPT-H323-R1_4_2-011714.zip

H.323 Release 1.4.2 Resolved Issues (since H.323 1.4.0)

The following table includes issues which are resolved with this release of software compared to H.323 1.4.0.

ID	Issue Description
SSIP-8712 wi01139497	HTTP Web Service is disabled as this feature is not supported.
SSIP-8693/ wi00974841	Avaya 1692 shows missing characters in the GUI with Unicode setting on CM station page.
SSIP-8691/ wi00974613	Avaya 1692 phones are showing the auth code dialed during a IVR after a redial on the screen.
SSIP-8745/ wi01048840	Avaya 1692 randomly reboots in the middle of conference calls.
SSIP-8764/ wi01058198	ICMP Fragmentation needed message not supported by 1692.
SSIP-8256/ wi01064619	Phone is retaining the Time server IP even if that parameter is deleted from the dhcp server.
SSIP-8769/ wi01066765	1692 does not try to register successfully to ACM when using DNS FQDN name for ACM IP.
SSIP-8774/ wi01073360	Avaya 1692 should use a range of local RAS udp port similar to other Avaya phones.
SSIP-8753/ wi01050745	1692 does not support EAP v3 frames.
SSIP-8772/ wi01068161	1692 is not able to remove LOGOFF button using settings.txt file.
SSIP-8800/ wi01099971	1692 stops parsing 46xxsettings.txt if incorrect labels are mentioned.
SSIP-8768/ wi01062471/ wi01074539	1692 not able to upgrade to new load when there are many http 500 errors (Internal Server Error) generated by server.
SSIP-8814/ wi01110637	No Audio / dial tone heard after Security Code changed on CM station page if Media Encryption is enabled.

Unresolved issues in H.323 Release 1.4.2

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 1.4.2 software

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 TLSPORT 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

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

Comcode	Description	Note
700473689	1692 IP Audio Conference Phone (PoE)	

Appendix 2 – Release History

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	http://support.avaya.com/css/P8/documents/100156147
1.1.0	September 2010	http://support.avaya.com/css/P8/documents/100112117
1.2.0	February 2011	http://support.avaya.com/css/P8/documents/100129572
1.3.0	May 2011	http://support.avaya.com/css/P8/documents/100140401
1.4.0	March 2012	http://support.avaya.com/css/P8/documents/100158025
1.4.2	January 2014	http://support.avaya.com/css/P8/documents/100177667

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