Avaya 1692 IP Conference Phone H.323 Release 1.4.4 Readme

This file is the Readme for the Avaya H.323 Release 1.4.4 software for the Avaya 1692 IP Conference Phone. This file describes the contents of the November 2015 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 1.4.4 software is supported on Avaya Aura Communication Manager 6.3 Feature Pack 4 (6.3.12) or newer. The 1692 is not natively supported. It is recommended that the 1692 be administered as a 4620.

Documentation for H.323 Release 1.4.4

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 1.4.4 Package Content

The H.323 1.4.4 package contains all the files necessary to upgrade Avaya new or previously installed 1692 IP Conference Phones to Release 1.4.4.

The following files are included in the release package:
- 1692_014400.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
- 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 1.4.4 package is available in the following version:
- 1692-IPT-H323-R1_4_4-102215.zip

H.323 Release 1.4.4 Resolved Issues (since H.323 1.4.3)

The following table includes issues which are resolved with this release of software compared to H.323 1.4.3.

ID	Issue Description
1692-1 / SSIP-8936	Disable support for SSLv3
1692-6 / SSIP-8822	1692s do not respond to SNMP query with SNMPSTRING that differs from "public"
1692-11 / SSIP-8829	After interchanging server the 1692 starts discovering and reboots
1692-13 / SSIP-8834	1692 doesn't get MCIPADD parameter from the settings file via HTTPS
1692-22 / SSIP-8919	1692 opens TCP port 1700
1692-24	Intermittently, 1692s are not able to register to Communication Manager after an interchange. The 1692 display shows, "EXT/PWD" user prompt, requiring the user to press # to login.
1692-30 / SSIP-8931	1692 can't mute the call if the call is held from the far-end and the far-end isn't configured for music-on-hold
1692-34 / SSIP-8932	No speech path when resuming the call on appearance 1 after dropping a call on the 2nd call appearance. Resolved by Communication Manager 7.0 and newer
1692-38 / SSIP-8937	1692 only supports SNMP disabled using syntax "null" vs. a traditional null "" string.

Unresolved issues in H.323 Release 1.4.4

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

ID	Issue Description
1692-12 / SSIP-8835	Active calls drop during failover / failback to / from Local Survivable Processors (LSP)
1692-14	Pattern 3 in personal ringing options rings at a lower volume than other patterns.
1692-17 / SSIP-8917	1692 backlight is on after PoE Conservation level request TLV changes to 1
1692-18 / SSIP-8903	Active calls drop during failover if the 1692 receives a Gateway Reject (GRJ) from Communication Manager
1692-19 / SSIP-8904	The active incoming call display disappears if the display language is changed from English to Unicode or the reverse
1692-20 / SSIP-8905	1692 goes to un-mute automatically after a transfer procedure is cancelled
1692-21	1692 buttons may freeze after attempting to failover to LSP
1692-26	1692 may take up to 20 minutes to get IP address if the external power supply is connected before the network cable is connected.
1692-27 / SSIP-8929	1692 gets stuck during the login process if "Expansion Module" is set to Y in the Communication Manager station form.
1692-37	Bad router message isn't displayed if the gateway IP address is invalid
1692-39 / SSIP-8940	Redial button doesn't work if call back number was acquired using the dial by directory feature.
1692-42	1692 does not distinguish lower and upper case characters in the SNMPSTRING
1692-43	1692 does not update SNMPSTRING when it receives the snmpstring update message from Communication Manager
1692-44	1692 does not display conference icon after bridging into an active bridged appearance
1692-47	1692 does not get SNMPSTRING from the settings file via HTTPS
1692-48	1692 continues discovering IP on a VLAN ID set via the settings file even though it receives another VLAN ID via LLDP Multicast from Extreme switches
1692-49	1692 does not display call forward feature after changing the display language to user-defined Russian language on Communication Manager
1692-50	1692 does not display features in the same language as set in Communication Manager when the display language is changed from UNICODE to Russian.
SSIP-7959	Phone shows confusing messages.
SSIP-7963	1692 is getting a GRJ with a Reject Reason "Security Denial" during registration with definite configuration on ACM
SSIP-8247	1692 with firmware version R1.0 1692 is drawing the maximum power on

	a POE switch and that its class type not identifiable.
SSIP-8252	1692 is not taking signalingChannelRecovery values from CM ip-network region form
SSIP-8256	1692 is retaining the Time server IP even if that parameter is deleted from the DHCP server. Note: Phone functionality does not have any impact as this is not a mandatory parameter. 1692 gets time from Communication Manager
SSIP-8295	LLDP: Phone is not losing its connectivity with the Communication Manager 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.
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-8691 / wi00974613	The 1692 (1.31) phones are showing the auth code after a redial on the screen.
SSIP-8693 / wi00974841	Avaya 1692 does not work with Unicode setting on CM station page.
SSIP-8698 / wi00979512	Phone goes to 'Unnamed Registration' after pressing and deleting one dial-pad button in EXT prompt and leaves for one minute.
SSIP-8699 / wi00979516	The 'unnamed registration' timer resets if pressing button other than '0-9 or #'.
SSIP-8841	wi01120700: Group ID not stored after hard reboot

Advisements with H.323 1.4.4 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	Lifecycle Status
700473689	1692 IP Audio Conference Phone (PoE)	End-of-sale as of 7th July 2014. End-of-Manufacturer Support 7th, July 2016

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
1.4.3	October 2014	http://support.avaya.com/css/P8/documents/100183169

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