



Avaya 1600 Series IP Deskphone Software Release 1.3.5

Read-me

This file is the Readme for the Avaya 1600 Series IP Deskphone Software Release 1.3.5 (H.323 1.3 Maintenance Release 5). This file describes the content of the March 2014 Maintenance Release software distribution package. It also includes Product Advisements related to known issues with this Software Release.

Avaya 1600 Series IP Deskphone H.323 Software Release 1.3.5 is supported on the 1603, 1603-I, 1603SW, 1603SW-I, 1608, 1608-I, 1616, and 1616-I IP Deskphones only. It will not load or operate on any other models.

Aura[®] Communication Manager, IP Office and B5800 Branch Gateway users are advised to consult their respective product publications for information regarding support of this release on their platform.

This Maintenance Release supersedes all previous Avaya 1600 Series IP Deskphone Service Packs. Avaya recommends that all customers upgrade both new and installed 1600 Series IP Deskphones to this version at their earliest convenience.

To upgrade 1600 Series IP Deskphone:

- Install zip package on Avaya Utility Server. Alternatively, the package can be unzipped in the root directory of any HTTP server.
- Make any adjustments required by your environment to the 46xxsettings.txt
- Reset Avaya 1600 Series IP Deskphone

Avaya Servers Compatibility

Servers	Supported versions	Comments
Avaya Aura[®] Communication Manager (CM)	5.2.1 and higher	<p>Avaya recommends using the latest Communication Manager release with these models of IP Deskphone. See the "Communication Manager Software & Firmware Compatibility Matrix" at http://support.avaya.com for the supported software/firmware versions of the Media Server, Media Gateway, and circuit packs.</p> <p>CM 5.2 is the minimum version required to support the following features:</p>

		<ul style="list-style-type: none"> Native support of 1600 Series IP Deskphone <p>CM releases prior to 5.2 do not provide native support for the 1600 Series IP Deskphone. Avaya recommends that the 1616/1616-I IP Deskphone be administered as a 4620/4621 IP Deskphone, other models be administered as a 4610 IP Deskphone, and the BM32 as a EU24 expansion module.</p> <p>For more details, please refer to the H.323 configuration section in the CM Administration Guide which can be downloaded from http://support.avaya.com.</p>
Avaya IP Office (IPO)	6.0 or later and IP500 V2 hardware only	Note that the H.323 1.3.5 software may not be included in the latest IP Office/B5800 Service Pack.
Avaya B5800 Branch Gateway (B5800)	6.1 or later	<p>IP Deskphone software is included in the IP Office software download available from http://support.avaya.com.</p> <p>Refer to the IP Office Technical Bulletin(s) / B5800 Note(s) for details on specific IP Office software compatibility and the included version of IP Deskphone software.</p>

H.323 1.3.5 Package Content

The H.323 Software Release 1.3.5 package contains all the files necessary to upgrade Avaya new or previously installed 1600 Series IP Deskphones to H.323 R1.3.5.

The following files are included in this package:

H.323 1.3 Maintenance Release 5 List of Firmware files and supported Phones			
Hardware		Software	
Comcode	Model	Boot Code	Application Code
700415540	1603	hb1603ua1_350B.bin	ha1603ua1_350B.bin
700476849	1603-I	hb1603ua1_350B.bin	ha1603ua1_350B.bin
700458508	1603SW	hb1603ua1_350B.bin	ha1603ua1_350B.bin
700858524	1603SW-I	hb1603ua1_350B.bin	ha1603ua1_350B.bin
700415557	1608	hb1608ua1_350B.bin	ha1608ua1_350B.bin

700458532	1608-I	hb1608ua1_350B.bin	ha1608ua1_350B.bin
700450190	1616	hb1616ua1_350B.bin	ha1616ua1_350B.bin
700458540	1616-I	hb1616ua1_350B.bin	ha1616ua1_350B.bin
N/A	16xx	MIB File	16xxmib16.txt

- GBM32_B_1_1_0.hex - Button Module firmware version 1.1.0 for BM32.
- 16xxupgrade.txt – To upgrade to R1.3.5, you must change your 16xxupgrade.txt file. The sample upgrade script that is included in the package is generic, in that it will upgrade all existing 1600 Series IP Deskphones to R1.3.5. If you have other phones that are using this script for other software upgrades and installations, please note the changes between the scripts. Please make a backup copy of your current upgrade script, and incorporate the binary name changes for release R1.3.5 into your 16xxupgrade.txt file.
- Ten predefined language files for phone display:
 - mlf_Sage_v69_dutch.txt
 - mlf_Sage_v69_french_can.txt
 - mlf_Sage_v69_french_paris.txt
 - mlf_Sage_v69_german.txt
 - mlf_Sage_v69_italian.txt
 - mlf_Sage_v69_japaneseKat.txt
 - mlf_Sage_v69_portuguese.txt
 - mlf_Sage_v69_russian.txt
 - mlf_Sage_v69_spanish.txt
 - mlf_Sage_v69_spanish_latin.txt
- Five configurable language files for the phone display:
 - mlf_Sage_v69_arabic.txt
 - mlf_Sage_v69_chinese.txt
 - mlf_Sage_v69_trad_chinese.txt
 - mlf_Sage_v69_hebrew.txt
 - mlf_Sage_v69_korean.txt
- Five configurable font files for the five languages above
 - Arabic_S11_V34.rbm.lzma (Font file for Arabic Language)
 - GB_S11_V34.rbm.lzma (Font file for Simplified Chinese Language)
 - Big5_S11_V34.rbm.lzma (Font file for Traditional Chinese Language)
 - Hebrew_S11_V34.rbm.lzma (Font file for Hebrew Language)
 - KSC_S11_V34.rbm.lzma (Font file for Korean Language)
- release.xml
- The signatures in the signatures subdirectory of the .zip distribution packages 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 supports this.

Refer to the 1600 Series IP Deskphone Administration Guide on <http://support.avaya.com> for more information on the use of FONTFILE and LANGxFILE.

System specific parameters should be entered into the 46xxsettings.txt file which is available for separate download at <http://support.avaya.com>. **Warning:** Before modifying your 46xxsettings.txt file, please make a backup copy of the file.

Documentation for H.323 1.3.5

There is one change to the Avaya 1600 Series IP Deskphones documentation with this release of software.

Area	Defect ID	Defect Name
Documentation	SAGE16XX-849	<p>When 2 (CM or IPO) or 3 (IPO Only) 32-button modules are deployed with the Avaya 1600 Series IP Deskphone a 5v power adapter is required. The following documents are updated with the 1.3.5 release.</p> <ul style="list-style-type: none"> - Avaya 1600 Series IP Deskphones Administrators Guide Release 1.3.x - Avaya one-X™ Deskphones Value Edition 1600 Series IP Telephones BM32 Button Module Installation and Safety Instructions, Document Number 16-601441. - Avaya one-X™ Deskphones Value Edition 1600 Series IP Telephones BM32 Button Module User Guide, Document Number 16-601450 <p>Note: The 5v power supply comcode differs by region and/or country. Please check with your Avaya and/or Business Partner sales representative, to ensure you've ordered the correct power supply.</p>

Note: Avaya one-X™ Deskphones Value Edition 1600 Series IP Deskphone 1.3.5 documentation is available on <http://support.avaya.com> under "1600 Series IP Deskphones" → "1.3.x".

Resolved issues in Avaya 1600 Deskphone H.323 1.3 Maintenance Release 5 (1.3.5) - Released April 7th, 2014

Area	Defect ID	Defect Name
Application\UI	SAGE16XX-793	The current selected call log entry does not remain selected when toggling between the call log key and contacts/menu key menus.
	SAGE16XX-808	Katakana font is garbled after upgrade to version 1.3.4
	SAGE16XX-825	Call Timer doesn't stop when calls end
	SAGE16XX-827	Phone displays garbage text for CLID name on incoming calls
	SAGE16XX-831	"More" softkey located on the new number screen of the contacts menu doesn't work
	SAGE16XX-852	16xx phone cannot use the left-right navigation button to toggle between call log tab
Audio	SAGE16XX-859	No talk path for current/active and/or future calls after resuming a call placed on hold for 35-45 seconds, requiring a reboot of the 16XX phone to recover.

Area	Defect ID	Defect Name
Backup\Restore	SAGE16XX-791	Phone displays "Log out" in the top line if user doesn't input credentials for backup\restore within 1 minute.
Button Module	SAGE16XX-612	Second BM is not upgrading when two BMs are connected during phone's software upgrade to R1.3 SP1.
	SAGE16XX-796	1616 with two button modules fails to boot up
Infrastructure/Network	SAGE16XX-794	Call Center settings not retained when HTTP Server is offline and the phone is rebooted
	SAGE16XX-806	Deskphone disregards DNS response if the BRURI or HTTPSRVR or TLSSVR contain a Domain Name that differs from the DOMAIN setting received from the DHCP server. Note: In such cases, customers should provide a FQDN terminated with a period in the BRURI, HTTPSRVR and TLSSVR, to signify to the phone that this is FQDN and the DOMAIN parameter shouldn't be appended to it.
	SAGE16XX-834	After downgrading from 1.3.3GA and newer to 1.3.2GA and older, phones MAC address and serial number are set to default values.
Reboot/Lockup	SAGE16XX-811	16xx reboot caused by Watchdog process exception
	SAGE16XX-812	16xx phones on 9.0.0 IP Office re-boot when logging in as new/other user
	SAGE16XX-824	Phones get into rolling reboots after upgrading to 1.3.4 GA after several days of operation or 2 nd reboot.
	SAGE16XX-854	1616 phone reboots after making a call from the 8 th call appearance (CA) or bridged call appearance (BCA) of 2 nd BM-32 module.
Security	SAGE16XX-816	Support for SHA-2 Certificates

Known Issues in Avaya 1600 Deskphone H.323 1.3 Maintenance Release 5

Defect Number	Description	Details/Workaround
SAGE16XX-749	Phone can't get HTTPPORT from DHCP or 46xxsetting.txt	Port 80 should be used on the server
SAGE16XX-787	Phone displays wrong call-park icon after parking call	NA
SAGE16XX-858	Phone is suspended at the 2000K screen if wrong FONTFILE sets a language	Use the correct FONTFILE setting & restart the phone to recover.

Release History – 16xx H.323 1.3.x Software

Release	Date	Link to Readme file
1.3 Service Pack 1	Oct. 11 th , 2011	https://downloads.avaya.com/css/P8/documents/100149981
1.3 Service Pack 2	Oct. 21 st , 2012	https://downloads.avaya.com/css/P8/documents/100161526
1.3 Maintenance Release 3	April 30 th , 2013	https://support.avaya.com/css/P8/documents/100171583
1.3 Maintenance Release 4 (1.34B)	Aug. 26 th , 2013	https://support.avaya.com/css/P8/documents/100178926
1.3 Maintenance Release 4 (1.34D)	Mar 11 th , 2014	https://downloads.avaya.com/css/P8/documents/100178926

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HTTP Server functionality is provided by the GoAhead WebServer 2.1,

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Secure sockets layer functionality is provided by OpenSSL **0.9.7g**

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