



Avaya One-X® Deskphone Value Edition Software Release 1.3100 Read me

This file is the Readme for the Avaya One-X® Deskphone Value Edition Software Release 1.3100 (H.323 1.3 Service Pack 1). This file describes the contents of the October 2011 Service Pack software distribution package. It also includes Product Advisements related to known issues with this Software Release.

Avaya One-X® Deskphone H.323 Release 1.3100 software is supported on the 1603, 1603C, 1603-I, 1603SW, 1603SW-I, 1608, 1608-I, 1616, and 1616-I Deskphones IP Deskphones only, and when used with Avaya Aura® Communication Manager. It will not load or operate on any other models. This Release 1.3100 software is not yet supported with IP Office or B5800 Branch Gateway platforms.

This software has not been introduced as the default load for the IP Deskphones shipped from Avaya. This service pack supersedes all previous Avaya One-X® Deskphone Value Edition 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 your 1600 Series IP Deskphones:

1. Unzip the zip file in the root directory of your HTTP server.
2. Make any adjustments required by your environment to your 46xxsettings.txt file.
3. Reset your Avaya 1600 Series IP Deskphone.

Avaya Aura® Communication Manager (CM) Compatibility

Although the 1600 Series IP Deskphones are supported on Avaya Aura® Communication Manager 3.1.4 and higher, Avaya recommends using the latest Communication Manager release with these models of IP Deskphones. 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.

CM 5.2 is the minimum version required for to support the following features:

- Native support of 1600 Series IP Deskphones

CM releases prior to 5.2 do not provide native support for the 1600 Series IP Deskphones. It is recommended 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.

For more details refer to the H.323 configuration section in the CM Administration Guide which can be downloaded from <http://support.avaya.com>.

Avaya IP Office (IPO) Compatibility

Note that the H.323 1.3100 software is not included in the latest IP Office Service Pack.

The 1600 Series IP Deskphones are supported on IP Office 4.2 and higher.

IPO 6.0 is the minimum version required for to support the following features:

- Graphical displays on the "-I" versions of 1600 Series IP Deskphones

IPO 5.0 is the minimum version required to support the following features:

- Call Log, Redial, Contacts, and Text Entry

Please consult the IP Office Technical Bulletin(s) for details on specific IP Office software compatibility.

Avaya B5800 Branch Gateway (B5800) Compatibility

Note that the H.323 1.3100 software is not included in the latest B5800 Service Pack.

The 1600 Series IP Deskphones are supported on B5800 6.1 and higher.

Please consult the B5800 Release Note(s) for details on specific B5800 software compatibility.

H.323 1.3100 Package Content

The H.323 R1.3100 package contains all the files necessary to upgrade new or previously installed 1600 Series IP Deskphones to H.323 R1.3100.

The following files are included in this package:

- 1603, 1603-I, 1603SW, 1603SW-I
 - Boot Code hb1603ua1_3100.bin
 - Application Code ha1603ua1_3100.bin
- 1608, 1608-I
 - Boot Code hb1608ua1_3100.bin
 - Application Code ha1608ua1_3100.bin
- 1616, 1616-I
 - Boot Code hb1616ua1_3100.bin
 - Application Code ha1616ua1_3100.bin
- Button Module GBM32_B_1_1_0.hex
- 16xxupgrade.txt – To upgrade to R1.3100, 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 R1.3100. If you have other phones that are using this script for other software upgrades and installations, please note the changes between the scripts. Make a backup copy of your current upgrade script, and incorporate the binary name changes for release R1.3100 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 6.0 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>. If you are going to modify your 46xxsettings.txt file, make a backup copy of that file, and incorporate the feature changes.

Issues resolved with Avaya One-X® Deskphone H.323 Software Release 1.3100

Patches incorporated in this release include:

Patch ID	MR Number	MR Description
1.257	TRAC10702	16xx phone reboots after changing setup in menu
1.2203	TRAC12658	Outgoing calls logs of the 16xx phone does not show the called party number when dialed from CTI application
1.303	TRAC15127 TRAC15822 TRAC15823	16xx confirms FURQ with wrong requestNum
1.304	TRAC15459	When PC is disconnected from a 1608 phone that is connected to 802.1x switch, phone requests 802.1x login

1.305	TRAC15203	1608 REDIAL list shows only 5 digit number if the number length is more than 5
1.307	TRAC15508	Combo patch R1.252a with R1.3
1.311	TRAC15914	Combo R1.2203a + 1.307a with R1.3
1.312	TRAC16033	Need combo patch of 1.2009 on top of 1.3
1.313	TRAC16037	Call timer not getting displayed when conferencing into a VDN
1.314	TRAC16173 TRAC16189	16xx add +Contact from Call Log truncating Name to 14 characters, 1603-i phone truncates calling number
1.2201c	TRAC 11870	Release button not working in LSP failover scenario for 16xx
1.323	TRAC18086	1616 BM32 user buttons are not functioning correctly when IPO is restarted
R1.1006	IPT00047623	16xx phones reply to IP 192.168.1.10 ARP request during bootup
1.322B	TRAC18057	Periodic transmit noise heard from 1616i headset call with 1.300b
1.316	TRAC 16276 TRAC19648	Native name feature doesn't work with 16xx phones Phone displays the native name in English for Arabic language

Unresolved issues in Avaya One-X® Deskphone H.323 Software Release 1.3100

The following is a list of advisements associated with H.323 Software Release 1.3100. Some advisements remain from previous releases of software, whereas other advisements reflect newly observed or changed behavior with this release.

MR Number	MR Description
TRAC13101 SAGE16XX-439	1616i type IP phones have a delay of 2sec to send the RTP to the right port.
TRAC10034 SAGE16XX-301	Japanese user-defined can't be displayed on full width white backlight 1608-I and 1616-I displays.

	1616 IP Deskphones on different customer sites are facing randomly audio static noise. Currently under review, a test patch software load is available that includes a recovery mechanism and helps to gather more information from customer sites experiencing this issue.
SAGE16XX – 531	Call Log shows as unavailable for name and number field conference call on second dropped phone
TRAC10508 SAGE16xx-400	Phone is stuck on booting up and requesting 16xxupgrade.txt via HTTPS. This happens with the IIS http server when the certificate has not been installed.
TRAC9840 SAGE16XX-265	Under certain conditions, some login-related error messages may appear in English, instead of the system language (LANGSYS).
TRAC10035 SAGE16XX-302	Bad typeface for UNICODE char, FF9D.
TRAC10183 SAGE16XX-343	"#next" string getting truncated when first string length is more than 10 characters in some languages on the 1603 models.
TRAC10180 SAGE16XX-340	Button Rollover- The second button is reported on screen
TRAC10277 SAGE16XX-355	In certain cases, 802.1X port authentication does not work properly. The work-around is to "force authorize" the port.

<p>SAGE16XX-539</p>	<p>Upgrading 1600 Series IP Deskphones with attached Button Modules</p> <p>While upgrading the IP Deskphone to release 1.3100, if there are Button Modules (BMs) attached to the 1600 Series IP Deskphone being upgraded, then the BMs will also be upgraded. However, please note the following advisements when updating phones with more than one Button Module attached.</p> <p>When the BM software is being upgraded, each of the BM LED's will turn ON and then OFF in a sequential fashion, and will stop after the 19th LED has turned ON, and it will appear as if the upgrade process has stopped. The phone will display the messaging, "Updating, Do not Unplug", while the upgrade is going on.</p> <p>After the first button module has upgraded, the LED's on the second module may appear to start blinking RED and GREEN, but to force the second button module to upgrade, the user will need to press a button on the FIRST Button Module to start the upgrade of the SECOND button module. When the SECOND Button Module upgrades, you will see it go through a similar pattern of LED's being turned ON and OFF, as was the case with the first Button Module.</p> <p>If there is a 3rd button module attached – and this is only possible for configurations in which the phone is registered to an IP Office, <u>before upgrading a phone to which THREE Button Modules are attached, it is of the utmost importance that the customer should disconnect the 3rd Button Module from the phone.</u> If this is not done, and the phone is updated before disconnecting the 3rd Button Module from the phone, the THIRD Button Module becomes dysfunctional during the upgrade and cannot be revived. The THIRD Button Module has to be upgraded independently by connecting it to any other 1616 phone or by connecting it to the same phone as above, but only after the first two button modules have been disconnected.</p> <p>Access the 'A' menu to check the version of Button Module software, and to confirm if all the button modules have been upgraded. It should display: GBM32_B_1_1_0</p>
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The following is a list of known issues caused by Communications Manager.

MR Number	MR Description
TRAC 9634 SAGE16XX-222	Incorrect call log entry in call log, when participant drops the call from the Conference.
TRAC 9652	16xx phones show 'Unavailable' in call log when call is reverted to the phone after transferring the call.

TRAC 9684 SAGE16XX- 225	Add softkey is working as Hold hard key when call is in Brdg- Conference state.
TRAC 10034 SAGE16XX- 301	Japanese user-defined can't be displayed, on white backlight 1608-I and 1616-I.

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