



Avaya B189 IP Conference Phone H.323 Release 6.8.2 Readme

This file is the Readme for the Avaya B189 IP Conference Phone H.323 Release 6.8.2 software. This file describes the contents of the June 2019 (**6.8.2.02**) software distribution package.

Avaya B189 IP Conference Phone H.323 6.8.2 software is supported Avaya B189 IP Conference Phone and when used with Avaya Aura® Communication Manager. The Avaya B189 IP Conference Phone H.323 6.8.2 software will not load or operate on any other models.

This release supersedes all previous Avaya B189 IP Conference Phone H.323 6.x.x software releases. Avaya recommends that all customers using Avaya B189 IP Conference Phone H.323 6.x.x software upgrade to this version at their earliest convenience.

This release of software addresses a known security vulnerability: [ASA-2019-128](#) (CVE-2011-0997 / CVE-2009-0692)

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



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

Avaya Aura® Communication Manager Compatibility

The Avaya B189 IP Conference Phone using Avaya B189 IP Conference Phone H.323 Release 6.8.2 software is supported on:

- Avaya Aura® Platform 6.2 FP4 (Avaya Aura® Communication Manager 6.3.6, Avaya, Avaya Aura® System Manager 6.3.8) and associated service packs
- Avaya Aura® Platform 7.1.3 (Avaya Aura® Communication Manager 7.1.3, Avaya Aura® System Manager 7.1.3) and associated service packs
- Avaya Aura® Platform 8.0.0 (Avaya Aura® Communication Manager 8.0.0, Avaya Aura® System Manager 8.0.0) and associated feature/service packs
- Avaya Aura® Platform 8.1.0 (Avaya Aura® Communication Manager 8.1.0, Avaya Aura® System Manager 8.1.0) and associated feature/service packs

Administer the Avaya B189 IP Conference Phone as a 9620 IP Deskphone.

New features in B189 H.323 Release 6.8.2

Avaya B189 IP Conference Phone H.323 Release 6.8.2 contains no new features.

Documentation for B189 H.323 6.8.2

The following documentation has been updated for this release.

- [Administering B189 IP Conference Phone H.323](#)

The following documentation has not been updated and is included below for reference.

- [Installing and Maintaining Avaya B189 IP Conference Phone H.323](#)
- [Using Avaya B189 IP Conference Phone](#)
- [Avaya B189 IP Conference Phone Quick Reference Guide](#)

These documents are available on <http://support.avaya.com> under "B100 Series Conference Phones" -> "B189 H.323 6.8.x" -> Documents

B189 H.323 6.8.2 Package Contents

The B189 H.323 6.8.2 software package contains all the files necessary to upgrade Avaya new or previously installed B189 Conference IP Phone to the B189 H.323 6.8.2 load.

The following files are included in each package:

- SB189_HAL_R6_6_1_15_V474.tar - The 6.6.1 H.323 phone application tar file for B189 model.
- SB189_HAL_R6_8_2_02_V474.tar - The 6.8.2 H.323 phone application tar file for B189 model.
- SB189_UKR_V25r10_V25r10.tar – The 6.6.1 H.323 Kernel and root file system tar file.
- SB189_UKR_V29r33_V29r33.tar – The 6.8.2 H.323 Kernel and root file system tar file.
- B189Hupgrade.txt – This file is downloaded by the B189 Conference IP Phone and instructs the phones on how to upgrade.
- 10 predefined language files for phone display:
 - mlf_B189_V200_chinese.txt
 - mlf_B189_V200_french_paris.txt
 - mlf_B189_V200_german.txt
 - mlf_B189_V200_italian.txt
 - mlf_B189_V200_japanese.txt
 - mlf_B189_V200_korean.txt
 - mlf_B189_V200_portuguese.txt
 - mlf_B189_V200_russian.txt
 - mlf_B189_V200_spanish_latin.txt
 - mlf_B189_V200_template_en.txt
- av_prca_pem_2033.txt (Avaya Product Root CA certificate)
- Avaya-96x1IPTelephone-MIB.txt for reference
- 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 CM6.x/7.x Utility Server is the only file server that currently supports this. System specific parameters should be entered into the 46xxsettings.txt file which is available for separate download at <http://support.avaya.com>. **New or changed configuration parameters with this release of software are shown in Appendix 3.**

The H.323 6.8.2 package is available in the following versions:

- Versions with encryption enabled
 - B189-IPT-H323-R6_8_2_02-061319.zip
- Versions with encryption disabled
 - B189-IPT-H323-R6_8_2_02U-061319.zip

Note: .tar files are no longer generated for B189 H.323 software.

Note: B189 H.323 6.6.1 binary files are included with this package as those are required for interim upgrades from a release prior to B189 H.323 6.6.1 to B189 H.323 6.6.2 or later to enable SHA2 image signature validation. Refer to the “Support for SHA2-signed software files” section for further information.

Note: B189 phone running load 6.6.4.01 (or older), should be upgraded to 6.6.6.04 and then to 6.7.1/6.8.x

Advisements with B189 6.8.2 software

Interworking – TLS 1.2

B189 H.323 6.6.2 and later software upgrades TLS to support TLS 1.2.



B189 H.323 6.6.2 also adds a new configuration parameter (TLS_VERSION) which can be used to configure the B189 to only use TLS 1.2. Care must be taken to only use this parameter when all components to which the B189 will communicate can also support TLS 1.2.

Interworking – HTTPS - MVIPTTEL, IIS 6

B189 H.323 6.6.2 and later software does not support secure HTTP (HTTPS) with MVIPTTEL or IIS 6. MVIPTTEL is end-of-support by Avaya and IIS 6 is end-of-support by Microsoft. Customers using either of these servers are recommended to upgrade to a current version of an HTTPS server which supports TLS 1.2.

Support for SHA2-signed software files

As part of the security enhancements in B189 H.323 6.6.2 or later software, the software files are signed using SHA-256 digital signatures. B189 H.323 6.6.1 software files are signed using SHA-1 digital signatures only and capable of SHA-1 and SHA-256 digital signature verification. B189 H.323 6.6.0 and earlier software files are signed using SHA-1 digital signatures only and capable of SHA-1 digital signature verification. Customers upgrading from B189 H.323 6.6.0 or earlier will automatically upgrade to B189 H.323 6.6.1 and from there to B189 H.323 6.6.2 or later. This interim upgrade is automatic but will result in an additional reset during this particular upgrade.

B189 H.323 6.8.2 Resolved Issues (since H.323 6.8.1)

The following table includes issues which are resolved with this release of software compared to H.323 6.8.1.02

External ID	Internal ID	Issue Description
	H32396X1-15366	SLA Monitor doesn't recognize B189 when running 'Agent Discovery'
	H32396X1-15367 H32396X1-15368	Address security vulnerability ASA-2019-128 (CVE-2011-0997 / CVE-2009-0692)

Unresolved issues in B189 H.323 6.8.2

The following table includes unresolved issues with this release of software which were known as of the issue date for this document.

External ID	Internal ID	Issue Description
	H32396X1-15041	Some earlier models of B189 can be upgraded to 6.8.0 /6.7.01 only from release 6.6.5.06 Workaround: If B189 has release less than 6.6.5.06 upgrade the phone to 6.6.5.06 before upgrade to 6.8.0 /6.7.01
	H32396X1-15031	B189 - No error tone when pressing any keys except Program key in DHCP screen
	H32396X1-15027	B189- Phone displays incoming call window when touching username/password on HTTP credentials screen Workaround: Ignore this window
	H32396X1-14944	B189 – Phone does not resume selected line and automatically answer unselected line in very certain scenario with multiply calls and hold/resume operations Workaround: Use Resume software key on call appearance screen
	H32396X1-14875	B189- In Administrator Menu, previous defined language used for titles and buttons when phone language was changed back to English Workaround: No impact. After reboot the phone uses correct language

External ID	Internal ID	Issue Description
	H32396X1-14838	B189 H.323 phone cannot upgrade from build 6.6.3.02, 6.6.4.01 to build 6.8.0.02 Workaround: B189 phone running load 6.6.4.01 (or older), should be upgraded to 6.6.6.04 and then to 6.7.1/6.8.0
	H32396X1-14367	The cursor goes to password field automatic during inputting Device ID in 802.1X credential screen
	H32396X1-14323	On rare occasions, when phone is in un-named status, user is not able to press Cancel button to exit from Administrator login screen Workaround: Press Login button, afterwards press Settings icon and Cancel
	H32396X1-14304	After dropping from a bridge call which is still ongoing, focus will remain on the active line appearance. In order to see Directory and Emergency softkeys user will need to move focus to an idle line appearance in order to see those. Softkeys will reappear automatically upon call end.
	H32396X1-14303	Please note Phone does not cancel the operation of search directory when switching between Directory and Dial Pad in case Edit dialing mode is off
	H32396X1-14301	On VPN mode, in case SCREENSAVERON is set to a very short period and VPN connection takes longer, screensaver may override "VPN tunnel setup: secs" screen. Connection will proceed – user may see progress by touching the phone. User may extend SCREENSAVER period or touch phone to see the UI.
	H32396X1-14297	When triggering a feature using Non-call associated messages such as Limit Call Feature or Abbreviated Dialing feature. Directory response will be delayed in ~one minute.
	H32396X1-14296	On rare occasions, after disabling 802.1X via CRAFT and restarting the phone. Phone may come up when Contacts icon is disabled. To workaround this, touch on Settings icon and select Administration Menu, at that point you may just press Cancel and exit this screen and contacts icon will be enabled (no need to enter password)
	H32396X1-14276	Symbols softkeys are not supported with VPN fields. Those symbols will not be configurable through keyboard but may be configured in settings file instead
	H32396X1-14033	When LOGUNSEEN is set to 1, The name of unseen call log is truncated when extension name has over 20 characters long
	H32396X1-14029	When changing TLS_VERSION value from 0 to 1 when Radius server supports TLSv1.0 only, after enabling 802.1x "auto" and authenticating, phone needs to be rebooted for new settings to take place and use TLS 1.2 only.

External ID	Internal ID	Issue Description
	H32396X1-13796	Intermittently, user cannot enter User ID on the HTTP authentication screen. Workaround: Navigate down to the "password" field and then back up to the "User ID" field.
	H32396X1-13777	On B189, RTP may be cutoff for 1 sec right after enabling LLDP on port switch
	H32396X1-13701	On 802.1x, when setting MYCERTCN to \$MACADDR in 46xxsetting, Phone uses SERIALNO in Device ID instead of MAC.
	H32396X1-13657	Backup file on the HTTP server is manually changed to reflect Display Language = English. User changes the display language to a non-English language and then does a manual restore. The display remains blank although the backup/restore is done successfully. Workaround: Press the Phone button.

Appendix 1 – Release History

The following table provides a history of the B189 H323 software releases. The “ID” column shows the identifier of this software which is seen on the “About Avaya IP Conference Phone” menu item.

Release	ID	Date	Link to Readme file
1.0.0	1.0.0.21	Jan 2014	https://downloads.avaya.com/css/P8/documents/100177522
1.0.1	1.0.1.08	June 2014	https://downloads.avaya.com/css/P8/documents/100180731
6.6.0	6.6.0.29	May 2015	https://downloads.avaya.com/css/P8/documents/101009328
6.6.1	6.6.1.15	Nov 2015	https://downloads.avaya.com/css/P8/documents/101016469
6.6.2	6.6.2.29	May 2016	https://downloads.avaya.com/css/P8/documents/101025341
6.6.3	6.6.3.02	Aug 2016	http://downloads.avaya.com/css/P8/documents/101029126
6.6.5	6.6.5.06	Aug 2017	https://support.avaya.com/css/P8/documents/101042952
6.6.6	6.6.6.04	Jan 2018	https://support.avaya.com/css/P8/documents/101046053
6.8.0	6.8.0.03	Jan 2019	https://support.avaya.com/css/P8/documents/101055416
6.8.1	6.8.1.02	Apr 2019	https://support.avaya.com/css/P8/documents/101057177
6.8.2	6.8.2.02	June 2019	https://support.avaya.com/css/P8/documents/101058881

Appendix 3 – New/Changed 46xxsettings.txt parameters

The latest version of the 46xxsettings.txt file can be downloaded from <https://support.avaya.com/downloads/download-details.action?contentId=C2009071016160372125345&productId=P0553>.

New parameters.

Changed parameters.

License Agreements

License agreements are available at <https://support.avaya.com/Copyright>. Please select 96x1 H.323.

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