



Cisco Virtualized Voice Browser

- [New Features, on page 1](#)
- [Updated Features, on page 2](#)
- [Important Notes, on page 2](#)
- [Deprecated Features, on page 2](#)
- [Removed and Unsupported Features, on page 3](#)
- [Third-Party Software Impact, on page 3](#)

New Features

Security Enhancements

Cisco Virtual Voice Browser (VVB) has the following new security capabilities:

- SIP over TLS for securing call control over the IVR and agent call segments.
- SRTP media support over Cisco VVB to secure the IVR voice media stream.



Note Customers in countries that have local government regulations about using software that allows SRTP voice communication, can alternately use the export unrestricted image of Cisco VVB that does not support SRTP. See the *CCBU Ordering Guide* for more details on ordering options available for the Cisco VVB software.

Support for Cisco VVB on Cisco Integrated Service Routers 4000 Series

Cisco VVB can now be installed on the Kernel-based Virtual Machine (KVM) that is available natively on the Cisco Integrated Service Routers 4000 Series. This allows a small-to-medium-sized edge deployment to use the VVB natively on the router hardware by removing the need to host an add-on UCS E module.

Support for Non-Reference VRU

Cisco VVB now supports the Type 2, 3, 7, and 8 VRU non-reference call flow models.

Optimized Hard Disk Size for OVA

Cisco VVB OVA hard disk size is reduced from 2x146 GB to 1x146 GB. Upgrade from 11.5.1 to 11.6.1 is supported for profiles having 1x146 GB disk size OVA.

Change Hostname or IP Address

You can now change the hostname or IP address of Cisco VVB post installation. This feature allows you to clone Cisco VVB instead of installing it afresh for each new deployment.

CLI-based HTTP Timeout Configuration

This release introduces a new CLI command to configure the HTTP timeout. This configuration allows Cisco VVB to wait for a user-specified time interval to receive a response from the HTTP server.

Support for G.729 Codec

Cisco VVB now supports the G.729 codec with a sampling rate of 8kb/s for the IVR call segment.



Note The G.729 codec does not support the ASR-TTS service.

Fetchaudio

This feature uses the *fetchaudio* attribute for enhancing user experience when there may be noticeable delays during the next document retrieval. This feature can be used to play background music or a series of announcements while the document is being retrieved.

Updated Features

Performance Improvement

With this release, Cisco VVB has been scaled up to support a maximum of 20 calls per second.

Important Notes

None.

Deprecated Features

None.

Removed and Unsupported Features

None.

Third-Party Software Impact

See the Unified CCE Compatibility related information located at <https://www.cisco.com/c/en/us/support/customer-collaboration/unified-contact-center-enterprise/products-device-support-tables-list.html> for information on third-party software.

