

Contents

About this Document	2
Supported VVB Version	2
Resolved Caveats.....	2
Usage Guidelines	4
Conditions for Installing ES.....	5
Pre-Conditions.....	5
Post-Conditions	5
Dependencies for this ES.....	5
Installing ES.....	5
Uninstalling ES.....	5

About this Document

This document provides installation instructions for Cisco Virtualized Voice Browser ES file. It also contains a list of issues resolved by this ES. Please review all sections in this document pertaining to installation before installing the product. Failure to install this ES as described may result in inconsistent behavior.

Supported VVB Version

This ES (ciscovb.1261.ES03.cop.sgn) is to be installed on VVB Version 12.6 **using CLI** only. Installing the Eson previous ESs will not create any repercussions.

Resolved Caveats

The details of the defects that are fixed in this ES are mentioned below.

Cisco VVB 12.6(1)ES03	
Bug ID	Description
CSCwa47397	Evaluation of voicebrowser for Log4j RCE (Log4Shell) Vulnerability
CSCvz37282	No Data trimming and send everything google as received
CSCvz37287	Disable false-bargein and Enhance VAD to generate barge-in event
CSCvz32641	503 Service unavailable needs to be handled in the VVB code
Cisco VVB 12.6(1)ES02	
Bug ID	Description
CSCvy03369	VVB should have feature similar to IOS "no vxml audioerror"
CSCvz64566	VVB server crashing due to IPVMS
CSCvy73950	VVB hostname change fails if FQDN is used as hostname
CSCvz39792	When CUBE sending invite with a=inactive , CVP is responding with a=sendrecv or a=recvonly
CSCvz33035	VVB Error System Entries Cannot be deleted
CSCvz01258	CLI command to set the flag com.cisco.voicebrowser.http.404.submitError=false
CSCvz64398	VVB Speech Server memory leak
Cisco VVB 12.6(1)ES01	

Bug ID	Description
CSCvy39534	VVB doesn't release TTSlicense in one specific scenario
CSCvy12144	VVB switching to SRTP after 15 min sessionrefresh SIP re-INVITE
CSCvy25404	Does not include a separating blank line between each MIME part's headers andthe body content
CSCvy30996	Same Call-ID on VVB with ASR leg
CSCvy80418	VVB not confirming to RFC standard when use POST method with multipart/form-data

CSCvy39529	Issue introduced by F5 load-balancer fix in 12.0 (CSCvu48063)
CSCvy30206	VVB engine stops processing all calls in rare cases when it receives malformed SIP message (caffeine-stack)

Usage Guidelines

CSCvz01258

We have introduced the following CLI command that allows the customer to set and view the Boolean value to indicate whether bad fetch (404) error to VXML server is enabled/disabled.

Sample

```
admin: set vvb http client submit_badfetch_error true Command Successful.
admin: show vvb http client submit_badfetch_error true
```

Conditions for Installing ES

Pre-Conditions

Make sure there is no previous ES in progress. Else, cancel it by running:

utils system upgrade cancel

Installing this ES will reset all custom SIPSubsystem.properties and VoiceBrowser.properties like ccb_disconnect_timeout, ringtone_timeout, ccb_intercept_timeout, ccb_reconnect_timeout, whisper_timeout. Thus, previous custom settings will be set to the default values and the customer needs to set them again. Identify your customized values for SipSubSystem and VoiceBrowser, if set earlier, by using the CLI commands like:

```
show vvb call app ringtone-timeout
```

Post-Conditions

Once the ES is applied, reboot the Cisco VVB. After reboot, verify from the Cisco VVB Appadmin that all services come to In-Service.

To restore customized values of Voice Browser, execute the platform CLI "set" command to change the default values of SIP SubSystem and VoiceBrowser properties. (Applicable only where the SIP SubSystem default values are customized to match the requirements.)

Dependencies for this ES

NA

Installing ES

This ES must be installed using CLI only, by running:

utils system upgrade initiate

Follow the instructions and provide the path of the ES. Do not close the terminal until the installation of ES is successful. Restart the machine after installing the ES.

Uninstalling ES

Follow similar process for installing the ES, but install the specific rollback ES for the version. The ESs must be removed in the reverse order in which they were installed.