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## 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.ES02.cop.sgn) is to be installed on VVB Version 12.6 **using CLI** only. Installing the ES on previous ESs will not create any repercussions.

## Resolved Caveats

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

<b>Cisco VVB 12.6(1)ES02</b>	
<b>Bug ID</b>	<b>Description</b>
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
<b>Cisco VVB 12.6(1)ES01</b>	
<b>Bug ID</b>	<b>Description</b>
CSCvy39534	VVB doesn't release TTS license in one specific scenario
CSCvy12144	VVB switching to SRTP after 15 min session refresh SIP re-INVITE
CSCvy25404	Does not include a separating blank line between each MIME part's headers and the 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 have to be removed in the reverse order in which they were installed.