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About this Document

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

Supported VVB Version

This COP (ciscovb.1251.ES07.cop.sgn) is to be installed on VVB Version 12.5 **using CLI** only. Installing the COP on previous COPs will not create any repercussions.

Resolved Caveats

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

Cisco VVB 12.5(1)ES07	
Bug ID	Description
CSCvx55818	VVB to pass diversion header value to vxml application
Cisco VVB 12.5(1)ES06	
Bug ID	Description
CSCvw35790	%UC_CONTACT_MGR-3-CONTACT_INVALID_STATE_ERROR: alarm thrown
CSCvw41659	VVB admin page shows a license expiry or none license package message
CSCvw72891	VVB is not able handle Rejections from TTSserver.
CSCvw94240	Deadlock messages for calls over 2 hours causing application manager to go to a partial down status
CSCvu48063	VVB MRCP2 F5 load-balancer Integration session establishment issue
Cisco VVB 12.5(1)ES04	
Bug ID	Description
CSCw84242	DTMF not passed for by VVB with Bridge Transfer and VXML Server 11.6
CSCw50011	Unable to change VVB browser cache value
Cisco VVB 12.5(1)ES03	
Bug ID	Description
CSCw74227	Bargein Enabled Prompts were stopped because of background noise
CSCw74235	CVA Response Time is too long

Cisco VVB 12.5(1)ES02	
Bug ID	Description
CSCw10864	DTMF support in Flow1
CSCw10863	ENHANCED mode variant support
CSCvu67590	VVB doesn't trigger the hotlink
CSCvs36021	MRCPv2: Logging-Tag
CSCvt80236	sip trigger doesn't allow period as wildcard
CSCvu44291	error.unsupported.format error in custom VVB app
CSCvu76340	VVB not detecting digits, asymmetric Payload Type mismatch with Delayed Offer call flow
CSCvu79257	Incorrect MRCP message count length

Usage Guidelines

CSCvu76340

We have introduced the following CLI command that allows the customer to set and view the default dtmf Payload Type with Delayed Offer call flow:

Sample :

```
admin:set vvb call app dtmf-payload 100
Command successful.

admin:show vvb call app dtmf-payload
      dtmf-payload:100
Command successful.
```

Conditions for Installing COP

Pre-Conditions

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

utils system upgrade cancel

Installing this cop 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 COP

NA

Installing COP

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

utils system upgrade initiate

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

Uninstalling COP

Follow similar process for installing the COP, but install the specific rollback COP for the version. The COPs have to be removed in the reverse order in which they were installed.