



Symbols

.au files

- codec mappings [123](#)
- data-length correction utility [124](#)
- format support [121](#)

.wav files

- codec mappings [123](#)
- data-length correction utility [124](#)
- format support [121](#)

A

ASR

- configuration example [169](#)
- configuring MRCP records [168](#)
- description [154](#)
- server requirements [154](#)
- specifying server location [156, 160](#)
- troubleshooting [157](#)
- verifying configuration [158, 163](#)
- verifying functionality [158](#)

audio files

- codec complexity [112](#)
- codec mappings [123](#)
- codec restrictions [101](#)
- configuring
 - dynamic prompt language and location [107](#)
 - streaming [111](#)
- data-length correction utility [118](#)
- playout
 - memory-based [102](#)
 - methods [102](#)

- playing prompts from gateway [102](#)
- restrictions [100](#)
- RTSP streamed [103](#)
- TTS streamed [103](#)
- recording
 - codec support [122](#)
 - destinations [119](#)
 - memory limits [109](#)
 - restrictions [100](#)
 - scenario [120](#)
- troubleshooting [110](#)
- volume and rate controls [104](#)

C

- call admission control [7](#)
- call handling between TCL IVR and VoiceXML [23](#)
- call-transfer
 - configuring for voice applications [213](#)
 - configuring outbound dial peer [70](#)
 - description [23](#)
- codecs
 - codec complexity [112](#)
 - configuring in dial peer [72](#)
 - file header mappings [123](#)
 - recording support [122](#)
 - restrictions [100](#)
- configuration examples
 - ASR and TTS [169](#)
 - fax detection for VoiceXML [180](#)
 - SIP and TEL URL support [262](#)
- TBCT [224](#)
- TCL IVR 2.0 [85](#)

TCL IVR session interaction [237](#)
 VoiceXML inbound application [91](#)
 VoiceXML outbound application [94](#)
 VoiceXML voice store and forward [144](#)
 configuring
 ASR and TTS media server locations [156, 160](#)
 audio prompt streaming [111](#)
 call-transfer method [213](#)
 codec complexity [112](#)
 DNIS maps [75](#)
 dynamic prompts language and location [107](#)
 fax detection for VoiceXML [177](#)
 HTTP client settings [80](#)
 inbound applications [54](#)
 inbound dial peer to match URI [250](#)
 legless TCL IVR applications [232](#)
 loading mail application [136](#)
 loading voice application onto gateway [39, 43](#)
 memory recording limits [109](#)
 MRCP client history records [168](#)
 off-ramp gateway for voice store and forward
 description [133](#)
 MMoIP dial peer [141](#)
 POTS dial peer [139](#)
 on-ramp gateway for voice store and forward
 description [125](#)
 POTS dial peer [128](#)
 outbound applications [67](#)
 outbound dial peer for call transfers [70](#)
 outbound dial peer to match URI [255](#)
 RTPvt [217](#)
 TBCT
 call limits [220](#)
 enabling for trunk groups [217](#)
 outbound dial peer [219](#)
 terminating billing [221](#)
 voice class for SIP URLs [248](#)
 voice class for TEL URLs [249](#)
 VoiceXML voice store and forward [117](#)

D

data-length correction utility for audio files [118](#)
 dial peers
 MMoIP
 configuring for off-ramp gateway [141](#)
 description [56](#)
 overview [55](#)
 POTS
 configuring for off-ramp gateway [139](#)
 configuring for on-ramp gateway [128](#)
 description [55](#)
 verifying configuration [59](#)
 VoIP
 configuring for call transfers [70](#)
 description [55](#)
 DID, description [57](#)
 DNIS maps
 configuring [75](#)
 description [75](#)
 limits [76](#)
 URLs [76](#)
 DSN
 description [135](#)
 dynamic prompts
 configuring
 language and location [107](#)
 description [103](#)

E

Examples [237](#)

F

fax detection for VoiceXML
 configuration example [180](#)
 configuring [177](#)
 description [176](#)

verifying configuration **178**
 fax interface-type command **126, 138**

G

GTD parameters **211**

H

HTTP client
 caching refresh value **26**
 HTTP 1.1 headers **26**
 modifying default settings **80**
 supported features **25**
 verifying settings **84**

HTTP server
 enabling chunked transfer **9**
 installing Apache PHP server **8**
 requirements **8**

Inbound **251**
 inbound applications **54**
 information tags **188**
Interface **138**
 IVR applications
 configuration examples **85**
 configuration tasks **39**
 overview **20**

L
 language for dynamic prompts
 configuring **107**
 language modules description **104**

M

mail application
 call scenario **134**
 downloading TCL off-ramp mail script **136**
 loading onto gateway **136**
 off-ramp description **133**

MDN

configuring in dial peer **128**
 description **135**
 media inactive call detection **185**
 media servers
 configuring location **156, 160**
 MRCP session records, setting limits **168**
 requirements **154**
 troubleshooting **157**
 verifying location **158, 163**

memory

recording description **102**
 recording limits **109**
 memory requirements **6**
 message URL http
 http://www.cisco.com/en/US/products/ps6441/prod_configuration_guide09186a0080565f8a.html **151**

MGCP scripting
 description **23**
 VoiceXML support **305**

MMoIP dial peers
 description **56**
 off-ramp configuration **141**

MRCP client
 configuring client history **168**
 description **154**

MTA
 configuring
 receiving MTA **138**
 sending MTA **126**

O

- off-ramp gateway
 - configuring
 - downloading mail trigger script **136**
 - interface type for voice mail **138**
 - MMoIP dial peer **141**
 - overview **133**
 - POTS dial peer **139**
 - receiving MTA **138**
 - mail trigger scenario **134**
 - verifying configuration **142**
 - on-ramp gateway
 - configuring
 - overview **125**
 - POTS dial peer **128**
 - verifying configuration **129**
 - outbound applications
 - call scenario **67**
 - configuring **67**
 - description **67**
 - verifying configuration **73**
-

P

- POTS dial peers
 - description **55**
 - inbound application configuration **54**
 - off-ramp configuration **139**
 - on-ramp configuration for recording **128**
 - prerequisites **6**
-

R

- recognition servers
 - configuring location **156, 160**
 - requirements **154**
- recording
 - restrictions **100**

- setting memory limits **109**
- verifying configuration **132**
- Release-to-Pivot
 - see RTPvt **211**
- restrictions **17, 100**
- RTPvt
 - configuring **209**
 - description **211**
 - enabling in a voice application **217**
- RTSP
 - streaming audio files **103**
 - troubleshooting **160**

S

- service registry **230**
- SIP URL
 - creating a voice class **248**
 - matching on an inbound call **252**
- speech recognition
 - configuring server location **156, 160**
 - description **154**
 - server requirements **154**
- speech synthesis
 - configuring server location **156, 160**
 - description **154**
 - server requirements **154**
- streaming audio files
 - configuring **111**
 - using RTSP **103**

T

- TBCT
 - configuring **209**
 - configuring call limits **220**
 - configuring outbound dial peers **219**
 - description **212**

enabling for multiple PRIs **217**
 terminating billing **221**

TCL IVR applications

audio prompt playout **102**
 audio recordings **100**
 configuration examples **85**
 configuration tasks **39**
 configuring
 inbound applications **54**
 language and location of dynamic prompts **107**
 outbound applications **67**
 dial peer overview **55**
 interaction with VoiceXML applications **23**
 language modules **104**
 loading application onto gateway **39, 43**
 matching called numbers **56**
 MGCP scripting overview **23**
 overview **22**
 restrictions **17**
 service registry **230**
 session interaction **229, 230**
 SIP and TEL URL support **246**
 starting a legless instance **231**

TEL URL

creating a voice class **249**
 matching on an inbound call **251**

transferring calls **70**

TTS

configuration example **169**
 configuring MRCP records **168**
 description **154**
 server requirements **154**
 specifying server location **156, 160**
 troubleshooting **157**
 verifying configuration **158, 163**
 verifying functionality **158**

Two B-Channel Transfer

see TBCT **212**

U

URI voice class, creating **247**
 URL support for voice applications **245, 246**
 configuring inbound dial peer **250**
 configuring outbound dial peer **255**

V

VCWare version **7**
 verifying gateway configuration **60**
 voice store and forward
 configuration examples **144**
 configuring
 off-ramp gateway **133**
 off-ramp description **120**
 on-ramp description **120**
 on-ramp gateway
 configuring **125**
 overview **119**
 recording and playback media locations **119**
 VoiceXML applications
 audio files
 data-length correction utility **118**
 prompt playout **102**
 recording restrictions **100**
 call admission control **7**
 call scenario examples **21**
 configuration examples **91**
 configuration tasks **39**
 configuring
 call transfer **70**
 DNIS maps **75**
 fax detection **177**
 inbound applications **54**
 language and location of dynamic prompts **107**
 on-ramp gateway
 POTS dial peer **128**
 sending MTA **126**

outbound applications **67**
dial peer overview **55**
DNIS maps
 configuring **75**
 description **75**
document development **16**
gateway software requirements **6**
HTTP server requirements **8**
interaction with TCL IVR applications **23**
language modules **104**
loading applications onto gateway **39, 43**
matching called numbers **56**
media server requirements **154**
memory requirements **6**
MGCP scripting overview **23**
overview **20**
prerequisites
 gateway software **6**
 VCWare version **7**
restrictions **17**
security **22**
SIP and TEL URL support **246**
TCL IVR 2.0 overview **22**
verifying configuration **60, 178**
volume and rate controls **104**
VoiceXML document loops **22**
VoIP dial peers
 configuring for call transfers **70**
 configuring for outbound applications **67**
 description **55**
volume and rate controls **104**