



Media Resource Control Protocol (MRCP) Version 2

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The Media Resource Control Protocol (MRCP) Version 2 (MRCP v2) feature provides support for MRCP v2 for use with specified Cisco IOS voice gateways' VoiceXML Browser. The MRCP v2 protocol allows a client device to control media processing resources on the network. Media processing resources include speech recognition engines, speech synthesis engines, speaker verification and speaker identification engines. MRCP v2 enables the implementation of distributed Interactive Voice Response (IVR) platforms using VoiceXML browsers or other client applications while maintaining separate back-end speech processing capabilities on specialized speech processing servers. MRCP v2 is based on the earlier MRCP developed by Cisco Systems, Inc., Nuance Communications, Inc. and Speechworks, Inc.

Configuration Information

Configuration information is included in the “Configuring Basic Functionality for Tcl IVR and VoiceXML Applications” chapter of the *Cisco Tcl IVR and VoiceXML Application Guide*, Release 12.3(14)T and later, at the following URL:

http://www.cisco.com/en/US/products/sw/iosswrel/ps5207/products_administration_guide_book09186a008022a7e6.html

Feature information is included in the “Cisco VoiceXML Features” and “Cisco VoiceXML Elements: Reference Table” chapters of the *Cisco VoiceXML Programmer's Guide*, Release 12.4T, at the following URL:

http://cisco.com/en/US/products/ps6441/products_programming_usage_guide_book09186a00800d66bf.html

Command Reference Information

Command reference information is included in the *Cisco IOS Voice Command Reference*, Release 12.4T, at the following URL:

http://www.cisco.com/en/US/products/ps6441/products_command_reference_book09186a00804973c0.html



Debug command reference information is included in the *Cisco IOS Debug Command Reference*, Release 12.4T, at the following URL:

http://www.cisco.com/en/US/products/ps6441/products_command_reference_book09186a0080497a2b.html

New or Modified Commands

The following commands are new or modified for this feature:

- **debug mrcp**
- **ivr asr-server**
- **ivr tts-server**
- **mrcp client session history duration**
- **mrcp client session history records**
- **mrcp client statistics enable**
- **mrcp client timeout connect**
- **mrcp client timeout message**
- **service**
- **show mrcp client session active**
- **show mrcp client session history**
- **show mrcp client statistics hostname**

List of All Release 12.4T Commands

An alphabetical list of all Cisco IOS Release 12.4T commands is in the *Cisco IOS Master Commands List*, Release 12.4T, at the following URL:

http://www.cisco.com/en/US/products/ps6441/products_product_index09186a00805db418.html

List of All New, Modified, Removed, and Replaced Release 12.4T Commands

Alphabetized lists of all new, modified, removed, and replaced commands for each Cisco IOS Release 12.4T release are in the *Cisco IOS New, Modified, Removed, and Replaced Commands*, Release 12.4T, document at the following URL:

http://www.cisco.com/en/US/products/ps6441/products_product_index09186a00805db026.html

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