



MGC-Specified Local Addresses and Ports

The MGC (media gateway controller) can program flows on a specific local address, port, or both, using H.248 protocol **add** and **modify** requests rather than the **choose** wildcard. If either of these values is left unconfigured, the DBE specifies the address or port according to one of the DBE-managed address ranges.

Feature History for MGC-Specified Local Addresses and Ports

Release	Modification
Release 3.5.0	This command was first introduced on the Cisco CRS-1.
Release 3.6.0	No modification.

Contents

This module contains the following sections:

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Restrictions to MGC-Specified Local Addresses and Ports

The DBE will fail call setup under the following circumstances:

- Requested address and port do not belong to a range configured with the appropriate class of service for the flow on the DBE, resulting in the following error: `Megaco error 421 - Unknown action or illegal combination of actions.`
- Media port requested with odd port number, resulting in the following error: `Megaco error 500 - Internal software failure.`
- Request was to exchange the local address and port for an existing flow, resulting in the following error: `Megaco error 501 - Not Implemented.`
- Requested address and/or port already in use by another flow, or were in use by a recently deleted flow, resulting in the following error: `Megaco error 510 - Insufficient Resources.`

This feature has the following additional restrictions:

- Real-time transport protocol (RTP) flows cannot be configured to use odd-numbered ports.

Related Topic	Document Title
Cisco IOS XR SBC interface configuration commands	<i>Cisco IOS XR Session Border Controller Command Reference</i>
Initial system bootup and configuration information for a router using the Cisco IOS XR Software	<i>Cisco IOS XR Getting Started Guide</i>
Cisco IOS XR command modes	<i>Cisco IOS XR Command Mode Reference</i>

Standards

Standards	Title
H.248	<i>Media Gateway Control (Megaco) Protocol Standard</i>
ETSI TS 102 333	—

MIBs

MIBs	MIBs Link
—	To locate and download MIBs using Cisco IOS XR software, use the Cisco MIB Locator found at the following URL and choose a platform under the Cisco Access Products menu: http://cisco.com/public/sw-center/netmgmt/cmtk/mibs.shtml

Technical Assistance

Description	Link
The Cisco Technical Support website contains thousands of pages of searchable technical content, including links to products, technologies, solutions, technical tips, and tools. Registered Cisco.com users can log in from this page to access even more content.	http://www.cisco.com/techsupport

