Preface

This guide provides information about the Cisco RF Gateway 10 (RFGW-10) command set. This preface contains the following sections:

- Objectives, page v
- Audience, page v
- Document Organization, page v
- New and Modified Commands by Release, page vi
- Document Conventions, page x
- Related Documentation, page xi
- Obtaining Documentation and Submitting a Service Request, page xi

Objectives

This guide describes the commands necessary to configure, maintain, and troubleshoot the Cisco RF Gateway 10 Universal Edge Quadrature Amplitude Modulation (RFGW-10 UEQAM) platform.

Audience

This book is intended for system administrators and support engineers who configure and maintain the Cisco RFGW-10 and cable modem devices.

Document Organization

This command reference guide is organized as follows:

- Chapter 1—Using the Command-Line Interface in Cisco IOS Software
- Chapter 2—List of Cisco RFGW-10 Commands
- Chapter 3—Cisco RFGW-10 Commands

New and Modified Commands by Release

This section identifies new and modified commands.

New and Modified Commands in Cisco IOS-XE Release 3.3.0SQ

New commands in Cisco IOS-XE Release 3.3.0SQ:

- **cable linecard encryption**
- **cable partition**
- **cable qam-group**
- **cable qam-partition**
- **cable qam-replication-group**
- **cable route linecard load-balance-group**
- **cable service-group**
- **cable video encryption-failover-mode**
- **cable video ip udp**
- **cable video ip multicast**
- **cable video pre-encrypted-multicast**
- **clear cable ermi statistics**
- **errp**
- **mac-address**
- **mgmt-ip**
- **pilot-qam**
- **qam-group**
- **qam-partition**
- **replicate-qam**
- **rtsp**
- **show cable ermi errp**
- **show cable ermi rtsp**
- **show cable qam-partition**
- **show_cable_qam-replication-group**
- **show_cable_service-group**
- **show_cable_video_gqi**

Modified Commands in Cisco IOS-XE Release 3.3.0SQ:

- **active**
- **cable downstream tsid**
- **cable mode**

- **cable video group**

- **cable video labels**

- **cable video multicast uplink**

- **cable video psi-interval**

- **cable video timeout**

- **clear_cable_video_gqi_statistics**

- **clear cable video packet**

- **clear cable video session**

- **keepalive retry**

- **protocol**

- **server**

Integrated Commands in Cisco IOS-XE Release 3.3.0SQ:

- **mac-address**

- **reset interval**

- **show cable video route**

- **show cable video session**

- **show cable video statistics packet**

New and Modified Commands in Cisco IOS-XE Release 3.2.0SQ

New commands in Cisco IOS-XE Release 3.2.0SQ:

- **block**

- **cable clock auto-revert**

- **cable downstream max-carriers**

- **cable downstream frequency (channel)**

- **cable downstream freq-profile**

- **cable downstream rf-profile**

- **cable downstream start-freq**

- **cable downstream symbol-rate**

- **lane**

- **reserve cardtype**

- **show cable freq-profile**

- **show cable linecard carrier-id-mapping**

- **show cable linecard licenses**

- **show cable linecard load-balancing-group**

- **show cable linecard logical-qamid-mapping**

- **show cable rf-profile**

Modified command in Cisco IOS Release 3.2.0SQ

- **cable depi dest-ip**
- **cable downstream annex**
- **cable downstream interleaver-depth**
- **cable downstream modulation**
- **cable mode**

New and Modified Commands in Cisco IOS Release 12.2(50)SQ4

New commands in Cisco IOS Release 12.2(50)SQ4:

- **cable midplane ping**

New and Modified Commands in Cisco IOS Release 12.2(50)SQ2

New commands in Cisco IOS Release 12.2(50)SQ2:

- **depi eqam-stats**
- **protect-tunnel**
- **show cable depi-sessions slot count**
- **show controllers linecard**
- **show depi session**
- **show depi tunnel**

Modified command in Cisco IOS Release 12.2(50)SQ2:

- **show cable video session**

New and Modified Commands in Cisco IOS Release 12.2(50)SQ1

Modified commands in Cisco IOS Release 12.2(50)SQ1

- **asm**
- **ssm**
- **cable video udp**
- **show cable video label**

New and Modified Commands in Cisco IOS Release 12.2(50)SQ

New commands in Cisco IOS Release 12.2(50)SQ

- **clear cable video packets**
- **clear cable video server-group**
- **depi-class**
- **dest-ip**
- **depi-tunnel**
- **ip rpc portmapper**
- **l2tp class**
- **mode**
- **keepalive**
- **reset interval**
- **show depi**

Modified commands in Cisco IOS Release 12.2(50)SQ

- **cable mode**
- **cable video servers**
- **show redundancy**

Obsolete commands in Cisco IOS Release 12.2(50)SQ

- **cable image-upgrade download** *slot*

New and Modified Commands in Cisco IOS Release 12.2(44)SQ2

Modified commands in Cisco IOS Release 12.2(44)SQ2

- **cable image-upgrade download**

New and Modified Commands in Cisco IOS Release 12.2(44)SQ1

Modified commands in Cisco IOS Release 12.2(44)SQ1

- **show cable line card version**

Document Conventions

This guide uses the following conventions for command syntax descriptions and textual emphasis:

Convention	Description
boldface font	Commands and keywords are in **boldface**.
italic font	Arguments for which you supply values are in *italics*.
[ ]	Elements in square brackets are optional.
{*x*	*y*	*z*}	Alternative, mutually exclusive, keywords are grouped in braces and separated by vertical bars.
[*x*	*y*	*z*]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
`screen` font	Terminal sessions and information the system displays are in `screen` font.
`boldface screen` font	Information you must enter is in `boldface screen` font.
`italic screen` font	Arguments for which you supply values are in `italic screen` font.
^	The symbol ^ represents the key labeled Control—for example, the key combination ^D in a screen display means hold down the Control key while you press the D key.
< >	Nonprinting characters, such as passwords, are in angle brackets in contexts where italics are not available.

Convention	Description
[ ]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

Note This symbol means *reader take note*. Notes contain helpful suggestions or references to material not covered in the publication.

Caution This symbol means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

Related Documentation

This section lists the documents that provide more detailed hardware and software information about the Cisco RFGW-10 documented in this guide. These documents are available on Cisco.com.

For detailed information about the Cisco RFGW-10 platform, see the following documents:

- *Cisco RF Gateway 10 Hardware Installation Guide*
- *Cisco RF Gateway 10 Software Feature and Configuration Guide*

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html

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