



Preface

This guide describes the implementation of the Simple Network Management Protocol (SNMP) and Management Information Base (MIB) for Cisco RF Gateway-10 (RFGW-10).

SNMP provides a set of commands for setting and retrieving the values of operating parameters on the RFGW-10. RFGW-10 information is stored in a virtual storage area called a MIB, which contains many objects that describe RFGW-10 components and provides information about the status of the components. This chapter provides an overview of this guide with the following sections:

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Document Revision History

This guide contains MIB information of:

- Cisco IOS Release 12.2(50)SQ
- Cisco IOS-XE Release 3.4.1SQ
- All earlier releases

For MIB information of later releases, use the [Cisco MIB Locator tool](#).

The following Revision History tables record technical changes, additions, and corrections to this document. The table shows the release number and document revision number for the change, the date of the change, and a brief summary of the change.

Release	Part Number	Publication Date	Change Summary
Cisco IOS-XE Release 3.4.1SQ	—	October 2014	Updated SCTE-HMS-QAM-MIB
Cisco IOS-XE Release 3.4.0SQ	OL-18688-06	June 2014	Updated SCTE-HMS-MPEG-MIB
Cisco IOS-XE Release 3.3.1SQ	OL-18688-05	November 2013	Added CISCO-ENTITY-REDUNDANCY-MIB
Cisco IOS-XE Release 3.3.0SQ	OL-18688-04	July 2013	Updated SCTE-HMS-MPEG-MIB
Cisco IOS-XE Release 3.2.0SQ	OL-18688-03	October 2012	Added DOCS-DRF-MIB
Cisco IOS Release 12.2(50)SQ	OL-18688-02	November 2009	Updated SCTE-HMS-MPEG-MIB

Audience

This guide is intended for system and network administrators who must configure the RFGW-10 for operation and monitor its performance in the network.

This guide may also be useful for application developers who are developing management applications for the RFGW-10.

Organization

This guide contains the following chapters:

- [Chapter 1, “Cisco RFGW-10 MIB Overview,”](#) provides background information about SNMP and its implementation on Cisco RFGW-10.
- [Chapter 2, “Configuring SNMP and MIB Support,”](#) provides instructions for configuring SNMP management support on the RFGW-10.
- [Chapter 3, “MIB Specifications,”](#) describes each MIB included in the software image. Each description lists any constraints as to how the MIB is implemented on the RFGW-10.
- [Chapter 4, “Monitoring Notifications,”](#) describes the SNMP traps and notifications supported by the RFGW-10.
- [Chapter A, “Using Cisco RFGW-10 MIBs,”](#) describes how to perform common tasks on the RFGW-10.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What’s New in Cisco Product Documentation* at: <http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

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