Preface

This preface describes the objectives, audience, organization, and conventions of this *software configuration guide*.

This preface contains the following sections:

Document Revision History

The Document Revision History table below records technical changes to this document. The table shows the document revision number for the change, the date of the change, and a brief summary of the change. Note that not all Cisco documents use a Document Revision History table.

Revision	Date	Change Summary
OL-11910-02	January 6, 2008	Modified caveat, configuration, and command information.
OL-11910-01	November 20, 2006	This is the first release of this guide.

Objectives

This guide explains how to configure features that enable the Cisco RAN Service Module to be implemented in a radio access network optimization (RAN-O).

Audience

This publication is designed for the person who will be responsible for configuring the router. This guide is intended for the following audiences:

- Customers with technical networking background and experience
- System administrators who are familiar with the fundamentals of router-based internet working, but who may not be familiar with Cisco IOS software
- System administrators who are responsible for installing and configuring internetworking equipment, and who are familiar with Cisco IOS software

Organization

The major sections of this software configuration guide are listed in the following table:

Chapter	Title	Description
Chapter 1	Overview of the Cisco RAN Service Module	Describes the purpose of the Cisco RAN Service Module r and its unique software features.
Chapter 2	Cisco IOS Software Basics	Describes what you need to know about the Cisco IOS software.
Chapter 3	First-Time Configuration	Describes how to use the setup command facility to configure basic attributes of your router.
Chapter 4	Configuring the Cisco RAN Service Module with the Command-Line Interface	Describes how to use the Cisco IOS software command-line interface (CLI) to configure basic router functionality in an RAN-O.

Chapter	Title	Description
Appendix A	Cisco RAN Service Module Command Reference	Provides information about new and changed commands.
Appendix B	Configuration Examples	Provides examples of configurations.

Conventions

This publication uses the following conventions to convey instructions and informatioN.

Convention	Description
boldface font	Commands and keywords.
italic font	Variables for which you supply values.
[ ]	Keywords or arguments that appear within square brackets are optional.
{x | y | z}	A choice of required keywords appears in braces separated by vertical bars. You must select one.
screen font	Examples of information displayed on the screen.
boldface screen font	Examples of information you must enter.
< >	Nonprinting characters, for example passwords, appear in angle brackets.
[ ]	Default responses to system prompts appear in square brackets.

Note Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the manual.

Timesaver Means *the described action saves time*. You can save time by performing the action described in the paragraph.

Tip Means *the following information will help you solve a problem*. The tips information might not be troubleshooting or even an action, but could be useful information, similar to a Timesaver.

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

Related Documentation

Use this document with the following guides:

- Cisco ONS 15454-SDH Documents

- *Cisco ONS 15454-SDH Hardware Installation Guide*
- *Cisco ONS 15454-SDH Software Configuration Guide*
- *Regulatory Compliance and Safety Information for the Cisco ONS 15454-SDH*
- Cisco Network Modules Installation Guides
    - *Network Modules Quick Start Guide*
- Cisco Network Modules Installation Guides
    - *Network Modules Quick Start Guide*
    - *Cisco Network Modules Hardware Installation Guide*
- Release Notes

Note   To obtain the latest information, access the online documentation.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, 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