



About This Guide

This section describes the objectives, audience, organization, and conventions of this software configuration guide. It contains the following sections:

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Document Revision History

The Document Revision History table below records technical changes to this document.

Document Number	Date	Change Summary
OL-18665-01	June 2009	Added the following sections: • Bidirectional Forwarding Detection, page 5 • Configuring Pseudowire, page 13 • Configuring BFD for OSPF, page 40
OL-18665-01	March 2009	Initial release.

Objectives

This guide explains how to configure features that enable the Cisco MWR 2941-DC mobile wireless router to be implemented in an radio access network optimization (RAN-O).

Audience

This publication is for the person 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 internetworking, 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	Cisco MWR 2941-DC Router Overview	Describes the purpose of the Cisco MWR 2941-DC router 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 MWR 2941-DC Router Using the CLI	Describes how to use the Cisco IOS software command-line interface (CLI) to configure basic router functionality.
Appendix A	Cisco MWR 2941-DC Router RAN-O Command Reference	Provides information about new and changed commands.
Appendix B	Configuration Examples	Provides examples of configurations.
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Conventions

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

Convention	Description
boldface font	Commands and keywords.
<i>italic font</i>	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 the user enters.

Convention	Description
< >	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

The following list includes documentation related to your product by implementation.

Cisco Mobile Wireless RAN Optimization

- Cisco MWR 2941-DC Mobile Wireless Edge Router Documents
 - *Cisco MWR-2941-DC Mobile Wireless Edge Router Hardware Installation Guide*
 - *Cisco MWR-2941-DC Mobile Wireless Edge Router Rack Mounting Instructions*
 - *Regulatory Compliance and Safety Information for the Cisco MWR-2941-DC Mobile Wireless Edge Router*
- Cisco Interface Cards Installation Guides
 - *Quick Start Guide: Interface Cards*
 - Cisco Interface Cards Installation Guide
- Release Notes
 - *Release Notes for Cisco MWR 2941-DC Mobile Wireless Edge Router*

**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>