



Preface

This guide describes how to create the initial configuration for a router using the Cisco IOS XR software. This guide also describes how to complete additional administration, maintenance, and troubleshooting tasks that may be required after initial configuration.

This preface contains the following sections:

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- [Obtaining Documentation and Submitting a Service Request, page xi](#)

Changes to This Document

[Table 1](#) lists the technical changes made to this document since it was first printed.

Table 1 **Changes to This Document**

Revision	Date	Change Summary
OL-20409-02	May 2010	4-Port 10 GE and 8-Port 10 GE PLIM were added.
OL-20409-01	December 2009	Initial release of this document.

About This Document

The following sections provide information about *Cisco IOS XR Getting Started Guide for the Cisco CRS-1 Router* and related documents:

- [Intended Audience, page x](#)
- [Organization of the Document, page x](#)
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Intended Audience

This document is intended for the following people:

- Experienced service provider administrators
- Cisco telecommunications management engineers
- Third-party field service technicians who have completed the Cisco IOS XR software training sessions
- Customers who daily use and manage routers running Cisco IOS XR software

Organization of the Document

This document contains the following chapters:

- [Chapter 1, “Introduction to Cisco IOS XR Software”](#)
- [Chapter 2, “Bringing Up the Cisco IOS XR Software on a Standalone Router”](#)
- [Chapter 3, “Bringing Up the Cisco IOS XR Software on a Multishelf System”](#)
- [Chapter 4, “Configuring General Router Features”](#)
- [Chapter 5, “Configuring Additional Router Features”](#)
- [Chapter 6, “CLI Tips, Techniques, and Shortcuts”](#)
- [Chapter 7, “Troubleshooting the Cisco IOS XR Software”](#)
- [Appendix A, “Understanding Regular Expressions, Special Characters, and Patterns”](#)

Related Documents

For a complete listing of available documentation for the Cisco IOS XR software and the routers on which it operates, see the following Web pages:

- Cisco IOS XR Software Documentation
http://www.cisco.com/en/US/products/ps5845/tsd_products_support_series_home.html
 - *Cisco IOS XR ROM Monitor Guide*
 - *Cisco IOS XR System Management Configuration Guide*
 - *Cisco IOS XR System Security Configuration Guide*
 - *Cisco IOS XR Routing Configuration Guide*
 - *Cisco IOS XR Interface and Hardware Component Configuration Guide*
http://www.cisco.com/en/US/products/ps5845/products_installation_and_configuration_guides_list.html
 - *Cisco IOS XR Interface and Hardware Component Command Reference*
 - *Cisco IOS XR Routing Command Reference*
http://www.cisco.com/en/US/products/ps5845/prod_command_reference_list.html
- Cisco CRS-1 Carrier Routing System Documentation
http://www.cisco.com/en/US/products/ps5763/tsd_products_support_series_home.html

Conventions

This document uses the following conventions:

Item	Convention
Commands and keywords	boldface font
Variable for which you supply values	<i>italic font</i>
Displayed session and system information	screen font
Commands and keywords you enter in an interactive environment	boldface screen font
Variables you enter in an interactive environment	<i>italic screen font</i>
Menu items and button names	boldface font
Menu navigation	Option > Network Preferences



Note

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



Tip

Means *the following information will help you solve a problem*. The information in tips might not be troubleshooting or an action, but contains useful information.



Caution

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

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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