

Preface

This preface contains the following sections:

- · Objective, page i
- Audience, page i
- Changes to This Document, page i
- Document Organization, page ii
- Document Conventions, page ii
- Related Cisco CRS Documentation, page iii
- · Obtaining Documentation and Submitting a Service Request, page iv

Objective

This guide describes how to interconnect the two 8-slot chassis that comprise the CRS Back-to-Back System . This guide supplements other chassis documentation, such as site planning and installation documents.

Audience

This guide is written for hardware installers and system administrators of Cisco routers.

This publication assumes that the user has a substantial background in installing and configuring router and switch-based hardware. The reader should also be familiar with electronic circuitry and wiring practices, and have experience as an electronic or electromechanical technician.

Changes to This Document

This table lists the technical changes to this document since it was first released.

1

Date	Change Summary
January 2014	Added chapter with procedures for upgrading from Cisco IOS-XR release 5.1.1 or later.
May 2013	Initial release of this document.

Table 1: Changes to This Document

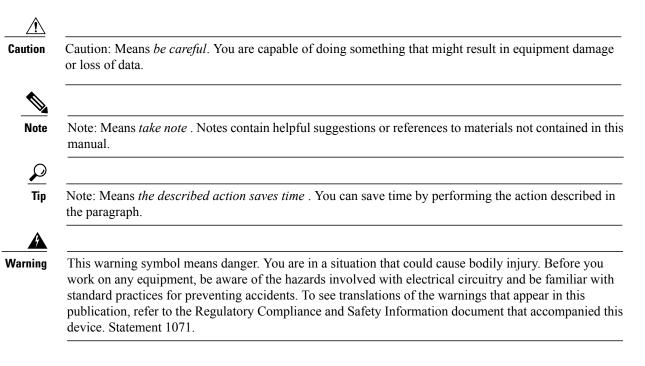
Document Organization

This guide includes the following sections:

Section	Title	Description
1	Introduction to the CRS Back-to-Back System	Provides an overview of the CRS Back-to-Back System and describes what is required to interconnect system components.
2	Cabling for System Management, Alarms, and Network Clocking	Provides information about how to provide cabling for basic system management.
3	Cabling the CRS Back-to-Back System	Describes how to physically cable the fabric planes between chassis in a Back-to-Back system
4	Upgrading to a CRS Back-to-Back System Using Cisco IOS-XR 4.3.1 or Earlier	Describes how to upgrade a single-chassis Cisco CRS-1 or Cisco CRS-3 to a CRS Back-to-Back System using Cisco IOS-XR version 4.3.1 or earlier.
5	Upgrading to a CRS Back-to-Back System Using Cisco IOS-XR 5.1.1 or Later	Describes how to upgrade a single-chassis Cisco CRS-3 to a CRS Back-to-Back System using Cisco IOS-XR version 5.1.1 or later.

Document Conventions

This document uses the following conventions:



Understanding Warning Statement Numbers

Each Warning in this guide contains a Statement Number. For example, the previous warning is Statement 1071. The *Regulatory Compliance and Safety Information for the Cisco CRS-1 Carrier Routing System* booklet contains translations of every warning that appears in this guide. The compliance and safety booklet shipped with your chassis. The booklet lists translated warnings in numerical sequence, by statement number.

Related Cisco CRS Documentation

This section refers you to other documentation that contains complete planning, installation, and configuration information.

The documentation listed below is available online.

- Cisco CRS Carrier Routing System 16-Slot Line Card Chassis Site Planning Guide
- Cisco CRS Carrier Routing System 16-Slot Line Card Chassis Installation Guide
- Cisco CRS Carrier Routing System 16-Slot Line Card Chassis Unpacking, Moving, and Securing Guide
- Regulatory Compliance and Safety Information for the Cisco CRS Carrier Routing System
- Cisco CRS Carrier Routing System 16-Slot Line Card Chassis Enhanced Router Site Planning Guide
- Cisco CRS Carrier Routing System 16-Slot Line Card Chassis Enhanced Router Installation Guide
- Cisco CRS Carrier Routing System 16-Slot Line Card Chassis Enhanced Router Unpacking, Moving, and Securing Guide
- Cisco CRS-1 Carrier Routing System Fiber-Optic Cleaning Guide

1

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

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.