



Preface

This document describes how to plan and prepare your site facilities for the installation of a Cisco Network Convergence System (NCS) 6000 Series Router.

The Cisco NCS 6000 Series Routers include the Cisco NCS 6008 Line Card Chassis (LCC) and the Cisco NCS 6000 Fabric Card Chassis (FCC). The site planning information for both chassis are included in this guide.

This document describes all the power, cooling, and environmental specifications to consider before ordering and installing the chassis. This document also describes each chassis, its components, site facilities requirements (such as floor space, weight requirements, receiving and staging), and installation to help you plan the site where the system will be installed. The Cisco product IDs (PIDs) are listed in *System Product IDs* chapter.



Note

The installation of a Cisco NCS 6000 Series Router may require space, floor loading, power, and cooling modifications to a facility. Therefore, you should plan the site well in advance of the delivery of the system.

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Audience

This document is intended for those who must plan the facilities for the site where the Cisco NCS 6000 Series Router is to be installed. It should be used with Cisco site planning coordinators and site inspections, well in advance of the delivery of the system.

Documentation Conventions

This document uses the following conventions:

Convention	Description
bold font	Commands and keywords and user-entered text appear in bold font.
<i>Italic</i> font	Document titles, new or emphasized terms, and arguments for which you supply values are in <i>italic</i> font.
[]	Elements in square brackets are optional.
{x y z}	Required alternative keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
<code>courier</code> font	Terminal sessions and information the system displays appear in <code>courier</code> font.
	Indicates a variable for which you supply values, in context where italics cannot be used.
<>	Nonprinting characters such as passwords are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.



Note

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



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 perform an action that could result in equipment damage or loss of data.

**Warning****IMPORTANT SAFETY INSTRUCTIONS**

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device.

SAVE THESE INSTRUCTIONS

Related Documentation

For complete planning, installation, and configuration information, see the following documents:

- *Cisco Network Convergence System 6000 Series Routers Unpacking, Moving, and Securing Guide*
- *Cisco Network Convergence System 6000 Series Routers Hardware Installation Guide*
- *Cisco Network Convergence System 6000 Fabric Card Chassis Installation Guide*
- *Regulatory Compliance and Safety Information for the Cisco Network Convergence System 6000 Series Routers*

Changes to This Document

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

Table 1: Changes to This Document

Date	Summary
September 2013	Initial release of this document. This document introduces the Cisco NCS 6008 8-Slot Line Card Chassis.
January 2014	Updated Appendix B to include 60-Port 10Gbps Line Card with SFP+ Optics Module (Lean Core [NC6-60X10GE-L-S] and Multi-Service Core [NC6-60X10GE-M-S]). Updated content and graphics based on documentation feedback from the September release.
July 2014	This release adds the Cisco NCS 6000 Fabric Card Chassis to this document.

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/c/en/us/td/docs/general/whatsnew/whatsnew.html>.

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