



Preface

This guide describes how to use and administer Cisco Prime Network Change and Configuration Management. This preface contains the following sections:

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New and Changed Information

The following table describes information that has been added or changed since the initial release of the *Cisco Prime Network 3.8 Change and Configuration Management User and Administrator Guide*.

Table 1 *New and Changed Information in this Guide*

Date Released	Revision	Location
June 1, 2012	Added a note that FTP is not a secure mode of transfer.	Communication Security, page 14
May 3, 2012	Added TFTP support information for Application Control Engine (ACE) cards (CSCty15682).	ACE Module Support (For Cisco 7600 Series Routers only), page 5
February 1, 2012	<ul style="list-style-type: none">• Added a statement that port 8080 will be disabled by default and that user needs to enable it manually, if required (CSCtx59270).• Added scripts for enabling and disabling port 8080 manually (CSCtx59270).	<ul style="list-style-type: none">• Launch the GUI from a Web Browser, page 9• Enabling and Disabling Port 8080 Manually, page 10

Audience

The intended audience for this documentation includes:

- Network viewers who monitor the network and perform basic (nonprivileged) system functions.
- Network operators who perform day-to-day operations such as creating business tags and maps, and managing alarms.
- Network configurators who activate services and configure network elements.
- System administrators who manage and configure users, network elements, the Change and Configuration Management system, and overall security.
- System managers or administrators who periodically review and manage the events list using Cisco Prime Network Events.
- Networking engineers who are interested in understanding how the Change and Configuration Management fault and root cause analysis mechanism works. These engineers should have networking knowledge at Cisco Certified Network Associate (CCNA) level, and should have received Change and Configuration Management basic and administrative training.

Document Organization

This guide includes the following chapters and appendixes:

Chapter/ Appendix	Title	Description
1	Introduction to Change and Configuration Management	Introduces the features of Change and Configuration Management and lists the prerequisites to using it.
2	Using the Change and Configuration Management Dashboard	Describes how to use the dashlets displayed on the Change and Configuration Management dashboard and the functions you can perform from them.
3	Managing Configurations	Explains how to use the Configuration Management (CM) functions to manage device configuration files. This includes using the CM archive to edit, view, label, compare, and export files; synchronizing Cisco IOS running and startup configurations; backing up files to the CM archive; restoring files from the CM archive to devices; and viewing change logs.
4	Managing Software Images	Explains how to use the Network Element Image Management (NEIM) functions to manage software images. This includes importing images into and deleting images from the image repository; adding packages to Cisco IOS XR devices, distributing images to devices; activating and deactivating images on devices; committing Cisco IOS XR packages; and rolling back Cisco IOS XR packages.

Chapter/ Appendix	Title	Description
5	Managing Device Groups	Explains how to create and manage device groups with a specific set of devices, so all CM and NEIM operations can be performed for the devices collectively with ease. This includes creating a device group, editing the device groups details, and deleting a device group.
6	Managing Change and Configuration Management Jobs	Explains how to manage CM and NEIM jobs and view job status. This includes suspending and resuming jobs, rescheduling jobs, and canceling and deleting jobs.
7	Change and Configuration Management Administration	Explains how to configure the global settings that control CM and NEIM operations, such as transfer protocols, purging settings, e-mail settings, and information collection. Also addresses security concerns, such as communication security and user authentication and authorization; and provides a listing of Change and Configuration Management log files.
A	Supported Devices for Change and Configuration Management	Lists the device series and software that were validated for Change and Configuration Management.

Conventions

This document uses the following conventions:

Convention	Indication
bold font	Commands and keywords and user-entered text appear in bold font .
<i>italic font</i>	Document titles, new or emphasized terms, and arguments for which you supply values are in <i>italic font</i> .
[]	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 font</code>	Terminal sessions and information the system displays appear in <code>courier font</code> .
< >	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 publication.

**Caution**

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

Related Documentation

**Note**

We sometimes update the documentation after original publication. Therefore, you should also review the documentation on Cisco.com for any updates.

The following documentation is available for Cisco Prime Network 3.8:

- [Cisco Prime Network 3.8 User Guide](#)
- [Cisco Prime Network 3.8 Administrator Guide](#)
- [Cisco Prime Network 3.8 Customization User Guide](#)
- [Cisco Prime Network 3.8 Documentation Guide](#)
- [Cisco Prime Network 3.8 Installation Guide](#)
- [Cisco Prime Network 3.8 Quick Start Guide](#)
- [Cisco Prime Network 3.8 Reference Guide](#)
- [Cisco Prime Network 3.8 Release Notes](#)
- [Cisco Prime Network 3.8 User Guide](#)
- [Cisco Prime Network 3.8 Activation User Guide](#)
- [Cisco Prime Network 3.8 Activation Customization Guide](#)
- [Open Source Used in Cisco Prime Network 3.8](#)

[Cisco Prime Network 3.8 Integration Developer Guide](#) is available on the Prime Network Technology Center. This guide describes how to use Prime Network integration interfaces.

The Prime Network Technology Center is an online resource for additional downloadable Prime Network support content, including help for integration developers who use Prime Network application programming interfaces (APIs). The website provides information, guidance, and examples to help you integrate your applications with Prime Network. It also provides a platform for you to interact with subject matter experts. To view the information on the Prime Network Technology Center website, you must have a Cisco.com account with partner level access, or you must be a Prime Network licensee.

You can access the Prime Network Technology Center at <http://developer.cisco.com/web/prime-network/home>.

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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