Preface

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Document Revision History

The following table describes the chapters in this installation guide:

Date		Change Summary
1	September 2015	First version of the document.
2	November 2016	Template update.

Document Objectives

This publication describes the installation of a Cisco ASR 1009-X Router and Cisco ASR 1006-X Router, and replacement or upgrade of field-replaceable units (FRUs). The purpose of this guide is to enable the safe and efficient installation of the Cisco ASR 1009-X Router and Cisco ASR 1006-X Router.

Audience

This publication is primarily designed for persons responsible for installing, maintaining, and troubleshooting the Cisco ASR 1000 Series Aggregation Services Routers. The users of this guide should:

- Be familiar with electronic circuitry and wiring practices.
- Have experience working as electronic or electromechanical technicians.

- Have experience in installing high-end networking equipment.

Note Certain procedures described in this guide require a certified electrician.

Document Organization

The following table describes the chapters in this installation guide:

Chapter and Appendix		Description
1	Cisco ASR 1009-X Router and Cisco ASR 1006-X Router Overview	Provides an overview of the Cisco ASR1006-X Router and Cisco ASR1009-X Router.
2	Cisco ASR 1009-X Router and Cisco ASR 1006-X Router Supported Hardware Components	Provides an overview of the hardware components for the Cisco ASR1006-X Router and Cisco ASR1009-X Router.
3	Cisco ASR 1009-X Router and Cisco ASR 1006-X Router Power Supply	Provides information about the power supplies that are supported on the Cisco ASR1006-X Router and Cisco ASR1009-X Router.
4	Preparing Your Site for Installation	Provides site preparation guidelines for installing the Cisco ASR 1009-X Router and Cisco ASR 1006-X Router.
5	Cisco ASR 1009-X Router and Cisco ASR 1006-X Router Installation	Provides information about the installation methods and steps to install the Cisco ASR 1009-X Router and Cisco ASR 1006-X Router. Provides basic system startup and initial configuration information
6	Cisco ASR 1009-X Router and Cisco ASR 1006-X Router Power Up and Initial Configuration	Provides basic system startup and initial configuration information.

Conventions

Text Type	Indication
User input	Text the user should enter exactly as shown or keys a user should press appear in **`this font`**.
Document titles	Document titles appear in *this font*.
System output	Terminal sessions and information that the system displays appear in `this font`.

Text Type	Indication
CLI commands	CLI command keywords appear in **this font**. Variables in a CLI command appear in *this 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.
< >	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 document.

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.

Timesaver Means *the described action saves time*. You can save time by performing the action described in the paragraph.

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

See the following documents:

- Documentation Roadmap for Cisco ASR 1000 Series, Cisco IOS XE Denali 16.x—Provides links to all Cisco ASR 1000 Series product documentation.
- Cisco ASR 1000 Route Processor 3 Installation and Configuration Guide—Describes how to install and configure the Cisco ASR1000-RP3 module.

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.

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