Preface

The preface describes the revision history, audience, organization, and conventions of theCisco ASR 920 Series Aggregation Services Router Hardware Installation Guide. It also lists sources for obtaining additional information and technical assistance from Cisco.

This document covers the following variants of the Cisco ASR 920 Series Aggregation Services Routers:

- ASR-920-12CZ-A—Four 1G SFP ports, Eight 1G Copper/SFP Combo ports and Two 1G/10G Dual Rate ports, with fixed redundant AC power supplies
- ASR-920-12CZ-D—Four 1G SFP ports, Eight 1G Copper/SFP Combo ports and Two 1G/10G Dual Rate ports with fixed redundant DC power supplies
- ASR-920-4SZ-A—Two 1G copper ports and four 10G/1G SFP+/SFP ports with fixed redundant AC power supplies
- ASR-920-4SZ-D—Two 1G copper ports and four 10G/1G SFP+/SFP ports with fixed redundant DC power supplies

Document Revision History

The following table lists the major changes made to this document.

Release	Date	Change Summary
Cisco IOS XE Release 3.13.0S	July 29, 2014	First release.

Document Audience

This guide is intended for users who are responsible for installing the Cisco ASR 920 Series Aggregation Services Router. It is intended for users who may not be familiar with the initial configuration and troubleshooting tasks, the relationship among tasks, or the Cisco IOS software commands necessary to perform particular tasks.

Organization

This guide includes the following sections:

Title	Description
Cisco ASR 920 Series Aggregation Services Router Overview	Describes the features and specifications of the Cisco ASR 920 Series Aggregation Services Router.
Preparing for Installation	Describes the installation of the Cisco ASR 920 Series Router at your site.
Installing the Cisco ASR 920 Series Router	Describes the installation of router on a rack as well as installation of its components.
Cisco ASR 920 Series Aggregation Services Router Initial Configuration	Describes basic router configuration.
Troubleshooting	Describes troubleshooting information.
Site Log	Describes provide a record of actions related to installing and maintaining the router.
Supported SFPs and PIDs	Describes the supported SFPs.

Conventions

This document uses the following conventions:

Convention	Indication
bold font	Commands and keywords and user-entered text appear in **bold** font.
italic font	Document titles, new or emphasized terms, and arguments for which you supply values are in *italic* 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.
courier font	Terminal sessions and information the system displays appear in courier font.
< >	Nonprinting characters such as passwords are in angle brackets.
[ ]	Default responses to system prompts are in square brackets.

Convention	Indication
!, #	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.

Timesaver

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

Warning

IMPORTANT SAFETY INSTRUCTIONSThis 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

Warning

Statements using this symbol are provided for additional information and to comply with regulatory and customer requirements.

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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