



About This Guide

Revised: July 30, 2014, OL-31200-03

This section describes the objectives, audience, organization, and conventions of this software command reference. It contains the following sections:

- [Document Revision History, page 1](#)
- [Objectives, page 2](#)
- [Audience, page 2](#)
- [Conventions, page 3](#)
- [Related Documentation, page 3](#)
- [Obtaining Documentation and Submitting a Service Request, page 4](#)

Document Revision History

The Document Revision History table below records technical changes to this document.

Document Number	Date	Change Summary
OL-31200-03	July 8, 2014	Added the Wi-Fi management interface commands: <ul style="list-style-type: none"> • “clear dot11radio statistics” section on page 24 • “ip address” section on page 49 • “show dot11radio association” section on page 132 • “show dot11radio country-codes” section on page 134 • “show dot11radio mac-address” section on page 138 • “show dot11radio serial-number” section on page 140 • “show dot11radio statistics display” section on page 142 • “show dot11radio vap” section on page 147 • “show interface dot11radio” section on page 152 • “show ip interface brief” section on page 155 • “shut” section on page 191 • “vap ap” section on page 205 • “world-mode” section on page 207 • “wpa2 psk” section on page 209
OL-31200-02	March 31, 2014	Added the Power over Ethernet feature commands: <ul style="list-style-type: none"> • “power inline” section on page 89 • “power inline port priority” section on page 91 • “show power inline” section on page 180
	January 28, 2014	Updated the auto-negotiation feature information for duplex and speed commands.
OL-31200-01	December 4, 2013	Initial release of the document.

Objectives

This guide explains how to use the Command Line Interface on the Cisco ASR 901S Series Aggregation Services Router.

Audience

This publication is for the person responsible for configuring the router. This guide is intended for the following audiences:

- Customers with technical networking background and experience
- System administrators who are familiar with the fundamentals of router-based internetworking, but who may not be familiar with Cisco IOS software
- System administrators who are responsible for installing and configuring internetworking equipment, and who are familiar with Cisco IOS software

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*.



Tip

Means *the following information will help you solve a problem*.



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

Means reader be warned. In this situation, you might perform an action that could result in bodily injury.

Related Documentation

The following list includes documentation related to the product by implementation.

- *Cisco ASR 901S Series Aggregation Services Router Software Configuration Guide*

- *Cisco ASR 901S Series Aggregation Services Router Hardware Installation Guide*
- *Regulatory Compliance and Safety Information for the Cisco ASR 901S Series Aggregation Services Router*
- *Release Notes for Cisco ASR 901S Series Aggregation Services Router for Cisco IOS Release*



Note To obtain the latest information, access the online documentation.

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/en/US/docs/general/whatsnew/whatsnew.html>.

Subscribe to *What's New in Cisco Product Documentation*, which lists all new and revised Cisco technical documentation, as an RSS feed and deliver content directly to your desktop using a reader application. The RSS feeds are a free service.