



Preface

This preface describes the objectives, audience, organization, conventions of this guide, and the references that accompany this document set. The following sections are provided:

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Objectives

This guide provides information about how to configure the various features of Cisco 900 Series integrated services routers (ISRs).

Audience

This document is written for experienced technical workers who install, monitor, and troubleshoot routers under a service contract, or who work for an information technology (IT) department.

Organization

This document is organized into the following chapters:

Chapter	Description
Product Overview	Provides an overview of the hardware and software features of Cisco 900 Series ISRs.
Installing the Software	Describes how to upgrade Cisco IOS image, Field Replaceable units, and use Cisco Licenses.
Basic Router Configuration	Describes how to perform the basic router configuration, interface configuration, and routing configuration.

Chapter	Description
Configuring Ethernet Switches	Describes the procedures for configuring Gigabit Ethernet (GE) switch.
Configuring PPP over Ethernet with NAT	Describes the procedures for configuring Point-to-Point Protocol over Ethernet (PPPoE) clients and network address translation (NAT).
Configuring a LAN with DHCP and VLANs	Describes the procedures for configuring LAN with DHCP and VLANs.
Configuring Identity Features on Layer 3 Interface	Describes configuring the identify features on Layer 3 interfaces.
Configuring Security Features	Describes how to configure security features.
Configuring VDSL2 and ADSL2/2+	Describes how to configure multimode VDSL2 and ADSI2+ WAN connectivity on a Cisco 900 series ISR.
Configuring 4G Wireless WAN	Describes how to configure the 4G Wireless WAN interface.
Configuring Secure Storage	Describes how to enable and disable secure storage.

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> .
< >	Non-printing 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

In addition to the Cisco 900 Series ISR Software Configuration Guide (this document), the following reference guides are included:

Type of Document	Links
Cisco 900 Series ISR Hardware Installation Guide	https://www.cisco.com/c/en/us/td/docs/routers/access/900/hardware/installation/guide/b-cisco-ISR900-series-hig.html
Regulatory Compliance and Safety Information for Cisco 900 Series Routers	https://www.cisco.com/c/en/us/td/docs/routers/access/900/regulatory/compliance/900rcsi.html

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

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