



Preface

This section briefly describes the objectives of this document and provides links to additional information on related products and services:

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Objectives

This guide provides an overview of the Cisco 4000 Series Integrated Services Routers (ISRs) and explains how to configure the various features on these routers.

The structure of this document is explained in [Overview](#).

Important Information on Features and Commands

For more information about Cisco IOS XE software, including features available on the router (described in configuration guides), see the [Cisco IOS XE 3S Software Documentation](#) set. In addition to the features described in the [Cisco IOS XE 3S Configuration Guides](#), there also separate configuration guides for features such as *No Service Password Recovery*, *Multilink PPP Support*, and *Network Synchronization*. See the [Configuration Guides for the Cisco ISR 4400 Series](#).

To verify support for specific features, use Cisco Feature Navigator. For more information about this, see [Using Cisco Feature Navigator](#).

Related Documentation

- [Documentation Roadmap for the Cisco 4400 Series Integrated Services Routers](#)
- [Release Notes for the Cisco 4400 Series Integrated Services Routers](#)

Commands

Cisco IOS XE commands are identical in look, feel, and usage to Cisco IOS commands on most platforms.

Features

The router runs Cisco IOS XE software which is used on multiple platforms. For more information on the available software features, see the configuration guides on the [Cisco IOS XE Software Documentation](#) page.

In addition to the features in the [Cisco IOS XE Configuration Guides](#), there are also separate configuration guides for the features listed in the following table.

| Feature | URL |
|--|---|
| No Service Password Recovery | http://www.cisco.com/c/en/us/td/docs/routers/access/4400/feature/guide/isr4451nspr.html |
| Multilink PPP Support | http://www.cisco.com/c/en/us/td/docs/routers/access/4400/feature/guide/isr4451mlpp.html |
| Network Synchronization | http://www.cisco.com/c/en/us/td/docs/routers/access/4400/feature/guide/isr4400netclock.html |
| Integrated AppNav/AppNav-XE and ISR-WAAS | http://www.cisco.com/c/en/us/td/docs/routers/access/4400/appnav/isr/isr_appnav.html |

To verify support for specific features, use the Cisco Feature Navigator tool. For more information, see [Using Cisco Feature Navigator](#).

Document Conventions

This documentation uses the following conventions:

| Convention | Description |
|-------------------------|--|
| ^ or Ctrl | The ^ and Ctrl symbols represent the Control key. For example, the key combination ^D or Ctrl-D means hold down the Control key while you press the D key. Keys are indicated in capital letters but are not case sensitive. |
| <i>string</i> | A string is a nonquoted set of characters shown in italics. For example, when setting an SNMP community string to public, do not use quotation marks around the string or the string will include the quotation marks. |

Command syntax descriptions use the following conventions:

| Convention | Description |
|-------------|--|
| bold | Bold text indicates commands and keywords that you enter exactly as shown. |

| Convention | Description |
|----------------|---|
| <i>italics</i> | Italic text indicates arguments for which you supply values. |
| [x] | Square brackets enclose an optional element (keyword or argument). |
| | A vertical line indicates a choice within an optional or required set of keywords or arguments. |
| [x y] | Square brackets enclosing keywords or arguments separated by a vertical line indicate an optional choice. |
| {x y} | Braces enclosing keywords or arguments separated by a vertical line indicate a required choice. |

Nested sets of square brackets or braces indicate optional or required choices within optional or required elements. For example:

| Convention | Description |
|-------------|--|
| [x {y z}] | Braces and a vertical line within square brackets indicate a required choice within an optional element. |

Examples use the following conventions:

| Convention | Description |
|--------------------|---|
| screen | Examples of information displayed on the screen are set in Courier font. |
| bold screen | Examples of text that you must enter are set in Courier bold font. |
| <> | Angle brackets enclose text that is not printed to the screen, such as passwords. |
| ! | An exclamation point at the beginning of a line indicates a comment line. (Exclamation points are also displayed by the Cisco IOS XE software for certain processes.) |
| [] | Square brackets enclose default responses to system prompts. |



Caution Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.



Note Means *reader take note*. Notes contain helpful suggestions or references to materials that may not be contained in this manual.

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>.