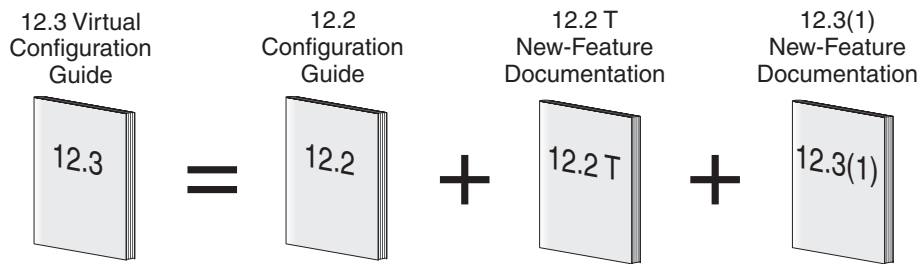


# Cisco IOS Interface and Hardware Component Configuration Guide, Release 12.3

The *Cisco IOS Interface and Hardware Component Configuration Guide*, Release 12.3 (known as a “virtual configuration guide”) consists of the Cisco IOS Release 12.2 configuration guide and new-feature documentation for Cisco IOS Releases 12.2 T and 12.3(1).



In some cases, information contained in the new-feature documentation for Cisco IOS Release 12.3(1) and early-deployment Cisco IOS releases numbered 12.2 T augments or supersedes content in the Cisco IOS Release 12.2 configuration guides. New-feature documentation in later 12.2 T releases may replace new-feature documentation in earlier 12.2 T releases.

The following outline includes links to Cisco IOS Release 12.2 chapters and Cisco IOS Release 12.2 T new-feature documentation. Use these documents to configure your Cisco IOS Release 12.3 features.

## Overview

- Chapter: [About Cisco IOS Software Documentation for Release 12.3](#) (12.3 document)
- Chapter: [Using Cisco IOS Software for Release 12.3](#) (12.3 document)
- Chapter: [Interface Configuration Overview](#) (12.2 document; also pertains to 12.3\*)

## Configuration Documents

- Chapter: [Features for Any Interface](#) (12.2 document; also pertains to 12.3\*)
- Chapter: [Configuring LAN Interfaces](#) (12.2 document; also pertains to 12.3\*)
  - New Feature: [16- and 36-Port Ethernet Switch Module for Cisco 2600 Series, Cisco 3600 Series, and Cisco 3700 Series](#) (12.2(11)T document)
- Chapter: [Configuring Serial Interfaces](#) (12.2 document; also pertains to 12.3\*)
  - New Feature: [Clear Channel T3/E3 with Integrated CSU/DSU](#) (12.2(15)T document)
  - New Feature: [NM-AIC-64, Contact Closure Network Module](#) (12.2(8)T document)
  - New Feature: [Content Engine Network Module for Caching and Content Delivery](#) (12.2(13)T document)
  - New Feature: [Digital J1 Voice Interface Card](#) (12.2(8)T document)
  - New Feature: [Multichannel STM-1 Port Adapter](#) (12.2(8)T document)

- New Feature: [PA-MC-2T3+ Phase II \(T3 subrate\)](#) (12.2(13)T document)
- New Feature: [Serial Link Parameter Monitoring and Control](#) (12.3(1) document)
- Chapter: [Configuring Logical Interfaces](#) (12.2 document; also pertains to 12.3\*)
  - New Feature: [CEF-Switched Multipoint GRE Tunnels](#) (12.2(8)T document)
  - New Feature: [Generic Routing Encapsulation \(GRE\) Tunnel Keepalive](#) (12.2(8)T document)
  - New Feature: [Loopback Command for the PA-MC-8TE1+](#) (12.2(13)T document)
  - New Feature: [Tunnel ToS](#) (12.2(8)T document)
- Chapter: [Managing Dial Shelves](#) (12.2 document; also pertains to 12.3\*)
  - New Feature: [Router-Shelf Redundancy for the Cisco AS5800](#) (12.2(11)T document)
  - New Feature: [Route-Switch-Controller Handover Redundancy on the Cisco AS5850](#) (12.2(11)T document)

## **[New-Features List and Feature Guide Book-Level PDF for Cisco IOS Interface and Hardware Component, Release 12.3](#)**

Click the above link to access an alphabetically ordered new-features list and a feature guide book-level PDF for the Interface and Hardware Component technology areas.

## **[Book Index to the Cisco IOS Interface Configuration Guide, Release 12.2](#)**

Click the above link to display the index of the *Cisco IOS Interfaces Configuration Guide*, Release 12.2. This index does not include the new-feature documentation for the releases numbered 12.2 T.

## **[Book-Level PDF for Cisco IOS Interface Configuration Guide, Release 12.2](#)**

Click the above link to download the book-level PDF of the *Cisco IOS Interface Configuration Guide*, Release 12.2. This book-level PDF does not include the new-feature documentation for the releases numbered 12.2 T.

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\*Cisco IOS Release 12.2 documents are still current for Cisco IOS Release 12.3 where not superseded by Cisco IOS Release 12.2 T and 12.3(1) new-feature documentation.