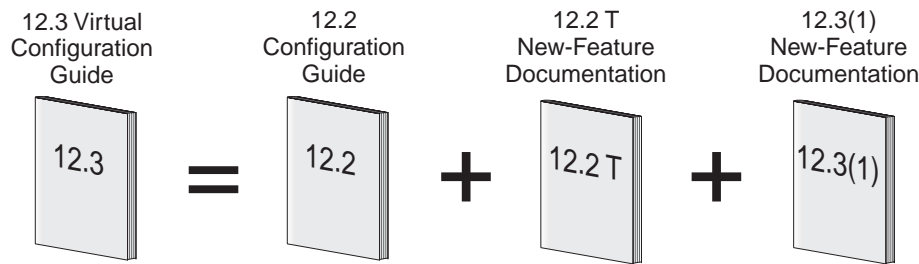


Cisco IOS Configuration Fundamentals and Network Management Configuration Guide, Release 12.3

The *Cisco IOS Configuration Fundamentals and Network Management 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. To allow you to identify the latest revisions, this outline indicates the Cisco IOS 12.2 T release in which each new feature was introduced. New features are presented chronologically by subject.

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: [Configuration Fundamentals Overview](#) (12.2 document; also pertains to 12.3*)

Part 1: Cisco IOS User Interfaces

- Chapter: [Using the Command-Line Interface](#) (12.2 document; also pertains to 12.3*)
 - New Feature: [EXEC Commands in Configuration Mode](#) (12.2(8)T document)
 - New Feature: [Show Command Output Redirection](#) (12.2(13)T document)
- Chapter: [Using AutoInstall and Setup](#) (12.2 document; also pertains to 12.3*)
 - New Feature: [AutoInstall over Frame Relay-ATM Interworking Connections](#) (12.2(4)T document)
- Chapter: [Configuring Operating Characteristics for Terminals](#) (12.2 document; also pertains to 12.3*)
- Chapter: [Managing Connections, Menus, and System Banners](#) (12.2 document; also pertains to 12.3*)
- Chapter: [Using the Cisco Web Browser User Interface](#) (12.2 document; also pertains to 12.3*)
 - New Feature: [HTTP 1.1 Web Server and Client](#) (12.2(15)T document)
 - New Feature: [HTTPS - HTTP Server and Client with SSL 3.0](#) (12.2(15)T document)

Part 2: File Management

- 12.2 Chapter: [Using the Cisco IOS File System](#) (12.2 document; also pertains to 12.3*)
 - New Feature: [File System Check and Repair for PCMCIA ATA Disks](#) (12.2(13)T document)
- Chapter: [Managing Configuration Files](#) (12.2 document; also pertains to 12.3*)
- Chapter: [Loading and Maintaining System Images](#) (12.2 document; also pertains to 12.3*)
 - New Feature: [MD5 File Validation](#) (12.2(4)T document)
- Chapter: [Maintaining System Memory](#) (12.2 document; also pertains to 12.3*)
- Chapter: [Rebooting](#) (12.2 document; also pertains to 12.3*)
- Chapter: [Configuring Basic File Transfer Services](#) (12.2 document; also pertains to 12.3*)
 - New Feature: [ACL Authentication of Incoming rsh and rcp Requests](#) (12.2(8)T document)

Part 3: System and Network Management

- Chapter: [Performing Basic System Management](#) (12.2 document; also pertains to 12.3*)
- Chapter: [Troubleshooting and Fault Management](#) (12.2 document; also pertains to 12.3*)
 - New Feature: [Event Tracer](#) (12.2(8)T document)
 - New Feature: [System Logging Count \(Error Log Count Enhancement\)](#) (12.2(8)T document)
 - New Feature: [XML Formatted System Logging Messages \(XML Interface to Syslog Messages\)](#) (12.2(15)T document)
- Chapter: [Configuring SNMP Support](#) (12.2 document; also pertains to 12.3*)
 - New Feature: [Circuit Interface Identification Persistence for SNMP](#) (new command for 12.2(2)T that was added to the Interface Index Display and Interface Alias Long Name support for SNMP document)
 - New Feature: [Interface Index Display and Interface Alias Long Name Support for SNMP](#) (12.2(2)T document)
 - New Feature: [SNMP Support for VPNs](#) (12.2(2)T document)
 - New Feature: [Distributed Management Event and Expression MIB Persistence](#) (12.2(4)T document)
 - New Feature: [SNMP v3 Community MIB Support](#) [Release Note only; introduced in 12.2(4)T]
 - New Feature: [CISCO-BULK-FILE-MIB Enhancements](#) [Release Note only; introduced in 12.2(8)T]
 - New Feature: [SNMP IF-MIB Support for VLAN \(ISL, 802.1Q\) Subinterfaces](#) [Release Note only; introduced in 12.2(8)T]
 - New Feature: [SNMP Notification Logging](#) (12.2(13)T document)
- Chapter: [Configuring Cisco Discovery Protocol \(CDP\)](#) (12.2 document; also pertains to 12.3*)
 - New Feature: [CDP and ODR Support for ATM PVCs](#) [Release Note only; introduced in 12.2(8)T]
- Chapter: [Configuring RMON Support](#) (12.2 document; also pertains to 12.3*)
- Chapter: [Network Monitoring Using Cisco Service Assurance Agent](#) (12.2 document; also pertains to 12.3*)
 - New Feature: [SAA Application Performance Monitor](#) (12.2(2)T document)
 - New Feature: [SAA Support for Frame Relay, VoIP, and MPLS VPN Monitoring](#) (12.2(2)T document)
 - New Feature: [SAA for Frame Relay Interfaces](#) (12.3(1) document)
- Chapter: [CNS Configuration](#) (12.3 virtual chapter)

- New Feature: [CNS Configuration Agent](#) (12.2(2)T document)
- New Feature: [CNS Event Agent](#) (12.2(2)T document)
- New Feature: [CNS Agents SSL Security](#) [Release Note only; introduced in 12.2(8)T]
- New Feature: [CNS Flow-Through Provisioning](#) (12.2(8)T document)
- New Feature: [CNS Image Agent](#) (12.3(1) document)
- New Feature: [Command Scheduler](#) (12.3(1) document)
- Chapter: Distributed Director Configuration (12.3 virtual chapter)
 - New Feature: [DistributedDirector](#) (12.2 document)
 - New Feature: [DNS Server Support for NS Records](#) (12.2(2)T document)
 - New Feature: [DistributedDirector Configurable Cache](#) (12.2(8)T document)
 - New Feature: [DistributedDirector Cache Auto Refresh](#) (12.2(8)T document)
 - New Feature: [DistributedDirector Boomerang Support](#) (12.2(8)T document)
 - New Feature: [DRP Agent—Boomerang Support](#) (12.2(8)T document)
 - New Feature: [DistributedDirector MIB Support](#) (12.2(8)T document)
- VDM Client Configuration (12.3 virtual chapter)
 - New Feature: [VPN Device Manager \(VDM\) Client for Cisco IOS Software](#) (12.3(1) document)

Part 4: Appendixes

- Chapter: [Cisco IOS Command Modes](#) (12.2 document; also pertains to 12.3*)

[New-Features List and Feature Guide Book-Level PDF for Cisco IOS Configuration Fundamentals, Release 12.3](#)

Click the above link to access an alphabetically ordered new-features list and a feature guide book-level PDF for the Configuration Fundamentals and Network Management technology areas.

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

Click the above link to display the index of the *Cisco IOS Configuration Fundamentals 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 Configuration Fundamentals Configuration Guide, Release 12.2](#)

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

*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.