About This Guide

This section discusses the intended audience, scope, and organization of this guide and defines the conventions used to convey instructions and information.

Cisco documentation and additional literature are available in the CD-ROM package that ships with your product. The Documentation CD-ROM, a member of the Cisco Connection Family, is updated monthly. Therefore, it might be more current than printed documentation. To order additional copies of the Documentation CD-ROM, contact your local sales representative or call customer service. The CD-ROM package is available as a single package or as an annual subscription. You can also access Cisco documentation on the World Wide Web at http://www.cisco.com, http://www-china.cisco.com, or http://www-europe.cisco.com.

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Audience and Scope

This guide is for users who have some experience installing and maintaining networking hardware. We assume that Cisco 1400 series router users are familiar with the terminology and concepts of local Ethernet and wide-area networking.

This guide describes the functional and physical features of the Cisco 1400 series router and provides installation procedures, troubleshooting information, technical specifications, and cable and connector guidelines and specifications.

Organization

This guide is organized as follows:

- The "Overview" chapter includes an overview of ADSL technology, describes the router front and rear panels, describes the router box contents, and lists some additional equipment that you might need to install the router.

- The "Installation" chapter describes how to install the router by connecting network and power cables and how to verify your installation by checking LEDs.

- The "Software Configuration" chapter describes how to configure the router using the Cisco IOS command-line interface (CLI).

- The "Troubleshooting" chapter describes some problems that you might have with the router and how to isolate and possibly solve these problems.

- The "Technical Specifications" appendix lists the physical characteristics, environmental requirements, and power specifications for the router.

- The "Upgrading DRAM SIMMs" appendix describes how to upgrade DRAM SIMMs in the Cisco 1400 series routers.

- The "Cabling Specifications" appendix lists the physical characteristics of the cables and connectors used with the router.

Related Publications

The following publications provide related information on this product:

- *Installing Your Cisco 1401 Router* is the quick start guide that comes with the Cisco 1401 router. It is a color guide to quickly cabling and powering up the router.

- *Installing Your Cisco 1417 Router* is the quick start guide that comes with the Cisco 1417 router. It is a color guide to quickly cabling and powering up the router.

- *Regulatory Compliance and Safety Information for the Cisco 1400 Series Routers* includes translations of the safety warnings that appear in this guide, regulatory compliance information, and agency approvals.

- Cisco IOS command reference and configuration guides provide complete information about all Cisco IOS CLI commands and how to use them, as well as information on designing and configuring local and wide-area networks.

Conventions

This guide uses the following conventions for instructions and information:

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

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

Warning   This warning symbol means *danger*. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. (To see translations for the warnings that appear in this publication, refer to the *Regulatory Compliance and Safety Information for the Cisco 1400 Series Routers* document that came with your router.)

Waarschuwing Dit waarschuwingssymbool betekent gevaar. U verkeert in een situatie die lichamelijk letsel kan veroorzaken. Voordat u aan enige apparatuur gaat werken, dient u zich bewust te zijn van de bij elektrische schakelingen betrokken risico's en dient u op de hoogte te zijn van standaard maatregelen om ongelukken te voorkomen.

Varoitus Tämä varoitusmerkki merkitsee vaaraa. Olet tilanteessa, joka voi johtaa ruumiinvammaan. Ennen kuin työskentelet minkään laitteiston parissa, ota selvää sähkökytkentöihin liittyvistä vaaroista ja tavanomaisista onnettomuuksien ehkäisykeinoista.

Attention Ce symbole d'avertissement indique un danger. Vous vous trouvez dans une situation pouvant causer des blessures ou des dommages corporels. Avant de travailler sur un équipement, soyez conscient des dangers posés par les circuits électriques et familiarisez-vous avec les procédures couramment utilisées pour éviter les accidents.

Warnung Dieses Warnsymbol bedeutet Gefahr. Sie befinden sich in einer Situation, die zu einer Körperverletzung führen könnte. Bevor Sie mit der Arbeit an irgendeinem Gerät beginnen, seien Sie sich der mit elektrischen Stromkreisen verbundenen Gefahren und der Standardpraktiken zur Vermeidung von Unfällen bewußt.

Avvertenza Questo simbolo di avvertenza indica un pericolo. La situazione potrebbe causare infortuni alle persone. Prima di lavorare su qualsiasi apparecchiatura, occorre conoscere i pericoli relativi ai circuiti elettrici ed essere al corrente delle pratiche standard per la prevenzione di incidenti.

Advarsel Dette varselsymbolet betyr fare. Du befinner deg i en situasjon som kan føre til personskade. Før du utfører arbeid på utstyr, må du vare oppmerksom på de faremomentene som elektriske kretser innebærer, samt gjøre deg kjent med vanlig praksis når det gjelder å unngå ulykker.

Aviso Este símbolo de aviso indica perigo. Encontra-se numa situação que lhe poderá causar danos físicos. Antes de começar a trabalhar com qualquer equipamento, familiarize-se com os perigos relacionados com circuitos eléctricos, e com quaisquer práticas comuns que possam prevenir possíveis acidentes.

¡Advertencia! Este símbolo de aviso significa peligro. Existe riesgo para su integridad física. Antes de manipular cualquier equipo, considerar los riesgos que entraña la corriente eléctrica y familiarizarse con los procedimientos estándar de prevención de accidentes.

Varning! Denna varningssymbol signalerar fara. Du befinner dig i en situation som kan leda till personskada. Innan du utför arbete på någon utrustning måste du vara medveten om farorna med elkretsar och känna till vanligt förfarande för att förebygga skador.