



About This Guide

This manual is for the technician installing and maintaining the Catalyst 2800. It is assumed the individual is familiar with the concepts and terminology of 10Base-T and local area networks.

Chapter Contents

The manual is organized as follows:

“Fast Install Guide” is an installation procedure for experienced users.

“Introduction” describes the key features of the Catalyst 2800.

“Planning” outlines the preinstallation and cabling guidelines and includes several sample configurations.

“Concepts” explains some of the Catalyst 2800’s features in greater detail, including VLANs, the Spanning-Tree Protocol, multicast registration and the available switching modes.

“Installation” contains the complete procedures for installing your Catalyst 2800 on a rack, table, or shelf.

“Out-of-Band Management” is a menu-by-menu explanation of the management console. This application allows you to configure the Catalyst 2800 and display statistics about the switch’s operation.

“In-Band Management” describes how to configure several third-party network management platforms to work with the Catalyst 2800. A table lists the MIB objects you can use to configure and manage the switch.

Chapter Contents

“Troubleshooting” describes some problems that may arise and their recommended solutions.

“Technical Specifications” is a list of the physical, electrical, and environmental characteristics of the Catalyst 2800. This includes schematics for crossover and straight-through cables.

Document Conventions

This publication uses the following conventions to convey instructions and information:

Command descriptions use these conventions:

- Commands and keywords are in **boldface** font.
- Arguments for which you supply values are shown in *italics*.
- Elements in square brackets ([]) are optional.
- Alternative or optional keywords are shown in bold and grouped in square brackets ([]) and separated by a vertical bar (|).
- Required keywords are grouped in angle brackets (< >) and separated by a vertical bar (|).

Examples use these conventions:

- Terminal sessions, system displays, and MIB objects are in `screen` font.
- Information you enter is in **boldface screen** font.
- File names are in *italics*.

Notes, cautions, and warnings use the following conventions and symbols:

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



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



Warning 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 standard practices for preventing accidents.

Related Publications

Related Publications

Catalyst 2000 MIB Reference Manual.