

About This Guide

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Audience

This guide is for network administrators who are responsible for the installation and operation of internetworking equipment.

It describes how to install, configure, and maintain the Cisco Catalyst 1800 Token Ring switch and includes information that describes the diagnostic tests provided with the software.

The appendixes A through E include general information about Token Ring switching technology. Aside from Appendix C, they are not essential to installing, configuring, and maintaining your system and have been included as informational aids.

Document Conventions

The following conventions are used to differentiate various types of text:

- Commands and keywords are in **boldface**.
- In interactive examples, user input is in **boldface**.
- Screen output appears in `screen` font.
- In command syntax statements:
 - Parameters (variables for which a specific value is to be typed) are in *italics*.
 - Optional arguments are in square brackets ([]).
 - Alternative arguments are separated by vertical bars, and are grouped within curly braces.

— The control key is indicated by a caret preceding a letter: For example, **^A** means **Control-A**.

Note Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the manual.



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

User input is displayed using the following format:

```
Configure Logical
```

Unless otherwise indicated, all commands are typed from the Main menu. Leading characters of hexadecimal notation (that is, 0x) are ignored.

Console interface output is displayed using the following format:

```
Enter Port Number or 0 for setting all ports
```

Organization

This manual is organized as follows:

- Chapter 1, “Product Introduction,” describes the features and the environmental requirements of the Catalyst 1800 switch. It also provides an overview of its design and operation and details about the FDDI Uplink option.
- Chapter 2, “Getting Started,” describes getting your Catalyst 1800 switch working. It tells how to use the console interface and providing quick configuration instructions.
- Chapter 3, “Configuring the Catalyst 1800 Switch,” describes how to configure your Catalyst 1800 switch. It provides procedures and describes the various configuration menus.
- Chapter 4, “Monitoring Performance,” describes how to monitor the activities of your Catalyst 1800 switch. It describes the various monitor menus.
- Chapter 5, “The Security Menu,” describes how to create filters that allow or prevent the access to the Catalyst 1800 switch. It also tells how to use the Security Calendar to restrict access to a specific port for a certain day and time.
- Chapter 6, “The System Menu,” describes how to use system commands to download image files, reboot, refresh the screen, and reset the database.
- Chapter 7 “Configuring FDDI Software” describes how to configure the FDDI feature of your Catalyst 1800 switch. It provides procedures and describes the various configuration menus.
- Chapter 8, “Monitoring FDDI Performance,” describes how to monitor the FDDI feature of your Catalyst 1800 switch. It describes the various monitor menus.
- Appendix A, “Token Ring Switching,” provides an overview of Token Ring transparent, source routing, and source route transparent switching.
- Appendix B, “Direct Attach Cable for the FDU,” provides diagrams of the direct attach cable and its associated pinouts.

- Appendix C, “Installation and Maintenance,” describes how to install, upgrade, and maintain the Catalyst 1800 Token Ring switch.
- Appendix D, “Definitions of Acronyms,” describes the Token Ring acronyms used in this manual.
- Appendix E, “Typical Configurations,” illustrates several options for configuring your network.

