About This Manual

This section discusses the objectives, audience, organization, and conventions of the *LightStream 1010 ATM Switch Command Reference* publication.

Document Objectives

This publication provides an in-depth description of the commands necessary for configuring and maintaining your LightStream 1010 ATM switch. It describes tasks only in the context of using a particular command; it does not describe how the tasks interrelate nor does it provide comprehensive configuration examples.You can use this publication as a standalone reference manual or in conjunction with the *LightStream 1010 ATM Switch Configuration Guide* and *LightStream 1010 ATM Switch User Guide*. Not all of the **debug** commands are included in this publication. For a complete guide to the debug commands, refer to the *LightStream 1010 ATM Switch Debug Command Reference*.

Several Cisco IOS commands are not currently supported in the LightStream 1010 ATM switch environment. In this document these commands are identified with a note indicating the command or some of its parameters might not function as expected.

Information Online

Cisco documentation and additional literature are available on a CD-ROM called Cisco Connection Documentation, Enterprise Series. The CD is updated and shipped monthly so it might be more current than printed documentation. To order the documentation CD, contact your local sales representative or call Customer Service. The CD is available both as a single CD and as a manual subscription. You can also access Cisco technical documentation on the World Wide Web URL http://www.cisco.com.

How To Use This Manual

Use the *LightStream 1010 ATM Switch Command Reference* to do the following:

- Look up detailed information on command usage

- See what commands can be used in conjunction with a particular command

Audience

This publication is intended as a standalone document for experienced network administrators who will be configuring and maintaining switches and would like to reference commands. For less-experienced users who need to understand the tasks as well as the commands, it is intended as a companion guide to the *LightStream 1010 Configuration Guide*.

Document Organization

This document is organized alphabetically. Each chapter covers all commands that start with a particular letter.

Chapter 1 covers the commands from **aaa accounting** through **auto-summary**.

Chapter 2 covers the commands from **background-routes** through **buffers huge size**.

Chapter 3 covers the commands from **calendar set** through **custom-queue-list**.

Chapter 4 covers the commands from **databits** through **downward-compatible-config**.

Chapter 5 covers the commands from **editing** through **exit**.

Chapter 6 covers the commands from **flowcontrol** through **full-help**.

Chapter 7 covers the commands from **help** through **hostname**.

Chapter 8 covers the commands from **ip access-group** through **ip unreachables**.

Chapter 9 covers the **keepalive** command.

Chapter 10 covers the commands from **lane auto-config-atm-address** through **loopback**.

Chapter 11 covers the commands from **mac-address** through **mtu**.

Chapter 12 covers the commands from **name** through **ntp-update-calendar**.

Chapter 13 covers the commands from **padding** through **pwd**.

Chapter 14 covers the commands from **queue-list-default** through **queue-list-stun**.

Chapter 15 covers the commands from **refuse-message** through **rxspeed**.

Chapter 16 covers the commands from **scheduler-allocate** through **summary-address**.

Chapter 17 covers the commands from **tacacs-server-attempts** through **tx-queue-limit**.

Chapter 18 covers the commands from **undebug** through **username**.

Chapter 19 covers the commands from **vacant-message** through **verify**.

Chapter 20 covers the commands from **width** through **write terminal**.

Appendix A lists the books and periodicals you can read for more information about the ATM technology.

Appendix B lists regular expressions for ATM technology.

Document Conventions

Software and hardware documentation uses the following conventions:

- The caret character (^) represents the Control key.

  For example, the key combinations ^D and Ctrl-D are equivalent: Both mean you should hold down the Control key while pressing the D key. Keys are indicated in capitals but are not case sensitive.

- A string is defined as a nonquoted set of characters.

  For example, when setting an SNMP community string to "public," do not use quotation marks around the string; otherwise, the string includes the quotation marks.

Command descriptions use these conventions:

- Vertical bars (|) separate alternative, mutually exclusive, elements.

- Square brackets ([ ]) indicate optional elements.

- Braces ({ }) indicate a required choice.

- Braces within square brackets ([{ }]) indicate a required choice within an optional element.

- **Boldface** indicates commands and keywords that are entered literally as shown.

- *Italics* indicate arguments for which you supply values; in contexts that do not allow italics, arguments are enclosed in angle brackets (< >).

Examples use these conventions:

- Examples that contain system prompts denote interactive sessions, indicating that the user enters commands at the prompt. The system prompt indicates the current command mode. For example, the prompt `Switch(config)#` indicates global configuration mode.

- Terminal sessions and information that the system displays are in `screen` font.

- Information you enter is in **`boldface screen`** font.

- Default responses to system prompts are in square brackets ([ ]).

- Exclamation points (!) at the beginning of a line indicate a comment line. They are also displayed by the switch for certain processes.

Warning Means *danger.* You are in a situation that could cause a connection to abruptly shut down or associated connections to be rejected.

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

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

The following illustration explains the fields of a typical command reference page.

Command name	**cdp timer**
Brief description of command usage	To specify how often your switch sends CDP updates, use the **cdp timer** global configuration command. Use the **no** form of this command to revert to the default setting.
Command syntax	cdp timer *seconds* no cdp timer
List of command arguments and keywords	**Syntax Description**
	seconds Specifies how often your switch sends CDP updates
Descriptions of arguments and keywords	
Default configuration or value	**Default** 60 seconds
Mode in which command is entered	**Command Mode** Global configuration
Guidelines about use and operation of the command or related commands	**Usage Guidelines** The trade-off with sending more frequent transmissions is obtaining up-to-date information at the expense of using network bandwidth more often.
Example of using the command	**Example** In the following example, CDP updates are sent from your switch every 80 seconds, which is less frequent than the default setting of 60 seconds. Make this change if you are concerned about preserving bandwidth. `Switch# cdp timer 80`
Other commands to reference for related information	**Related Commands** **cdp holdtime** **show cdp**

Command Reference 5-5

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