About This Manual

The following paragraphs discuss the objectives, audience, and conventions of the *LightStream 2020 Configuration Guide.* They also list related Cisco documentation for the LightStream 2020 multiservice ATM switch (LS2020 switch).

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Document Objectives

This configuration guide is a task-oriented manual that tells you how to use a series of configuration programs to configure LS2020 nodes in a network. The manual discusses the various procedures you need to perform and presents equipment settings that are either required or recommended.

Your network should be fully installed before you begin to configure it. See the *LightStream 2020 Installation Guide* for installation instructions.

Audience

The *LightStream 2020 Configuration Guide* is meant for network administrators and operators who configure and maintain LS2020 switches. Readers should be familiar with SunOS and Sun 4 workstation operation. Readers should also understand networking technology and the interfaces used by the devices connecting to their LightStream network.

Organization

This manual has four chapters:

- Chapter 1, "Using the Configurator," provides an overview of the configurator, telling you how to use it and outlining the kinds of functions it performs.

- Chapter 2, "Configuration Basics," presents the categories of information you must provide during configuration.

- Chapter 3, "Configuration Procedures," gives the steps needed for building, updating, and backing up a configuration database.

- Chapter 4, "Configuration Attributes," presents the attributes (parameters) you can set through use of the configurator.

- Appendix A, "Expert Mode," explains how to access expert mode and how to use the dialog boxes that offer expert mode options.

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**.

- 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.

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.

Related Documentation

The following is a list of LS2020 manuals and other material relevant to LS2020 users.

- *LightStream 2020 System Overview*

  The system overview introduces the LS2020 switch and the Asynchronous Transfer Mode (ATM) technology on which the LS2020 product is based. It describes the traffic flow through an LS2020 network. In addition, it describes key features, such as traffic and network management.

- *LightStream 2020 Site Planning and Cabling Guide*

  The site planning and cabling guide tells you how to prepare your site to receive LS2020 hardware. It includes space, environmental and electrical requirements, rack selection guidelines, requirements for the management workstation, and information on cables and connectors.

- *LightStream 2020 Installation Guide*

  The installation guide tells you how to install and set up LS2020 switches and how to install LS2020 management software on your network management workstation.

- *LightStream 2020 Hardware Reference and Troubleshooting Guide*

  The hardware reference and troubleshooting guide describes LS2020 hardware and tells you how to diagnose hardware problems and how to replace faulty hardware components.

- *LightStream 2020 NP O/S Manual*

  The NP O/S manual describes the most frequently used LynxOS commands and the bash shell. It also provides a tutorial and reference guide for the vi editor.

- *LightStream 2020 Network Operations Guide*

  This manual tells you how to operate and manage a network of LS2020 enterprise ATM switches. In addition to describing operation and management tasks, the book discusses the LS2020 command line interface and shows you how to monitor switches and collect statistics.

- *LightStream 2020 Traps Reference Manual*

  The manual presents an overview of LS2020 traps and indicates how they are generated by the LS2020 switch. It provides the procedures for managing trap reporting, such as setting trap levels, enabling/disabling individual traps, and determining where the traps are displayed. It also describes all SNMP and operational traps. Each description includes trap name, text, cause, and suggested user response.

- *LightStream 2020 CLI Reference Manual*

  The CLI reference manual presents the syntax and functions of all CLI commands. It also describes the LS2020 private MIB.

- *LightStream 2020 Command Line Interface (CLI) Reference Card*

  The reference card compactly summarizes the syntax and arguments for all CLI commands.

- *LightStream 2020 Release Notes*

  The release notes outline the software upgrade procedure and describe new features and special considerations (including known software bugs).

Note   The release notes contain important information that was not available when the other documents were printed.

- *Internetworking Terms and Acronyms*

  This guide is a glossary of internetworking terms and acronyms, including material of interest to users of the LightStream 2020 enterprise ATM switch.

- LightStream 2020 online help

  The LightStream 2020 CLI and configuration program both support online help facilities.

To order these publications or additional copies of the *LightStream 2020 Configuration Guide*, contact your sales representative. (The customer order number for each manual is printed at the bottom of the manual's title page.) Customer service can give you the name of your sales representative if necessary.

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