About This Manual

Objectives of This Manual

This manual describes how to configure and manage the CM-5, CM-5E, and CM-5 Scale 3 systems using CMOST Version 7.4. This manual also covers the administration of the Scalable Disk Array and the CMIO bus devices.

Please note that this manual does not cover administration of the Integrated Tape System (ITS), CM-HIPPI (the CMIO bus style HIPPI device) and CM5-HIPPI. For information about these I/O devices, see Thinking Machines' *ITS System Administrator's Guide, CM-HIPPI User's Guide for the CM-2,* and the *CM5-HIPPI System Administrator's Guide*, respectively.

Organization of This Manual

This manual contains three parts plus appendixes:

Part I CM-5 System Administration

Provides information about administering the system as a whole. See the Part I divider pages for specific topics addressed in this section.

Part II SDA Administration

Provides information about administering the Scalable Disk Array. See the Part II divider pages for specific topics addressed in this section.

Part III CMIO Bus Device Administration

Provides information about administering the CMIO bus device, such as the DataVault, VMEIO host computer, and CM-IOPG. See the Part III divider pages for specific topics addressed in this section.

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Intended Audience

This manual is intended for those involved in the administration of any aspect of the Connection Machine system.

Revision Information

This is a new manual.

For information on the installation of CMOST or more detailed information on CM-5 administration, please contact Thinking Machines Corporation Customer Support (see Customer Support, page xiii).

Notation Conventions

The table below displays the notation conventions observed in this manual.

Convention	Meaning
`bold typewriter`	UNIX and CMOST command options, and filenames, when they appear embedded in text. Also, syntax statements and programming language elements, such as keywords, operators, and function names, when they appear embedded in text.
italics	Argument names and placeholders in function and command formats.
`typewriter`	Code examples and code fragments.
`% ` **`bold typewriter`** `regular typewriter`	In interactive examples, user input is shown in **`bold typewriter`** and system output is shown in `regular typewriter` font.

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