Part II
SDA Administration

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Part II of this manual describes the Scalable Disk Array (SDA) from a system administration perspective. Its primary purpose is to help you maintain the SDA at peak availability. It is organized as follows:

- Chapter 9, "SDA Command Center," describes the SDA's system administration and diagnostic interface.
- Chapter 10, "SDA Configuration Files," describes the various files that contain SDA configuration information and discusses their use in system administration functions. This chapter also describes how to create and edit these files.
- Chapter 11, "Managing Logical Device Configurations," explains how to create logical devices and how to map spare disks into a logical device in place of a failing disk.
- Chapter 12, "Running SDA Diagnostics," explains how to run SDA diagnostics within the SDA Command Center.
- Chapter 13, "Managing SDA Logs," describes the SDA message-logging facility and explains how to control its input and output filters.

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- Chapter 14, "Backing Up the SDA," describes how to back up files stored in an SDA's Scalable File System (SFS), and how to later restore them.
- Chapter 15, "Healing the SDA," explains how to heal an SDA's logical device when recovering from a drive failure.

Note that Chapter 2, in Part I, discusses bringing up the SDA in the context of bringing up the CM-5 system.

The following appendixes also apply specifically to SDA system administration:

- Appendix G, "SDA File System Operations," describes the file system operations that are specific to the SDA.
- Appendix H, "SDA Chassis Diagrams," shows the physical layout of the SDA backplane, the SCN-to-caddy cabling, and caddy assembly details.
- Appendix I, "SDA LED Descriptions," explains the meaning of the various LEDs residing on the SDA caddies and boards.

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