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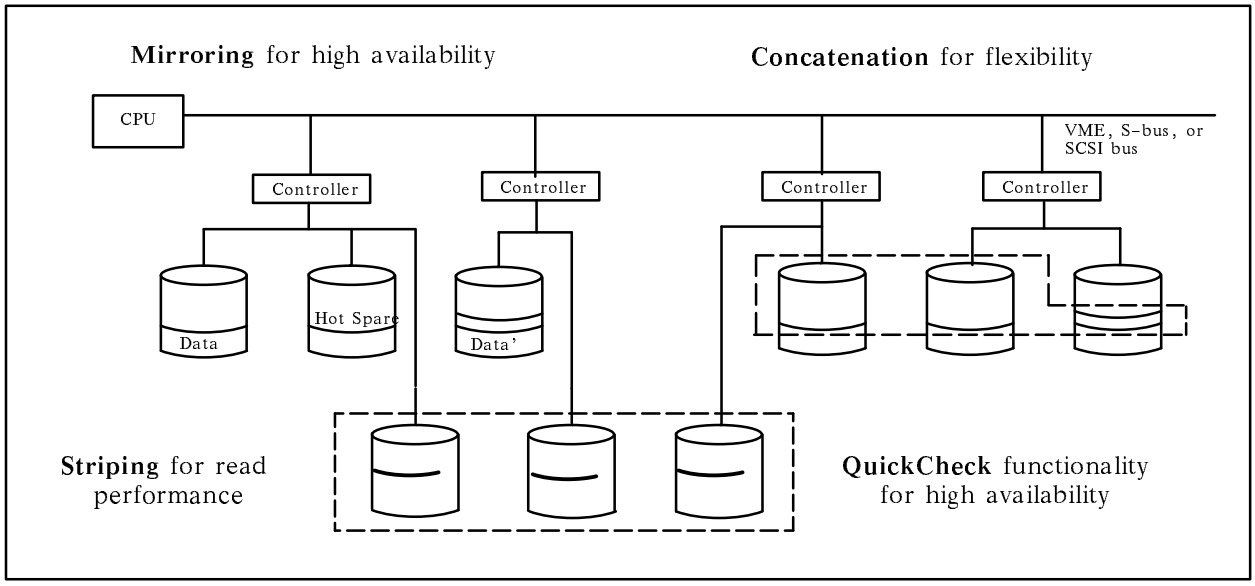
Other current products in this series include Online: IPI Dual Port and Backup Copilot.

Hardware and Software Requirements

- Online: DiskSuite is available for SunOS 4.1.1 and 4.1.2 only.
- Sun PrestoServe is not recommended for use on systems running the mirroring features of Online: DiskSuite.

Online: DiskSuite



Product Description

Online: DiskSuite is an unbundled software product that provides enhanced disk mirroring and online filesystem growth for higher system and data availability.

Enhanced Mirroring

By mirroring disk partitions, Online: DiskSuite gives users continued access to their data despite the failure of a disk or controller. Mirroring makes a duplicate of written data. Users can still access their data even if the disk they would normally write to or read from has failed.

Online: DiskSuite provides the option of three–way mirroring. If there are three copies of each important disk partition, multiple copies of ongoing writes protect the user against a second disk or controller failure. With Online: DiskSuite, users can mirror root and swap partitions. Mirroring the system disk prevents its failure from crashing the system, so it increases system availablility.

Online: DiskSuite supports “full replication consistency” — up-to-date status information is kept for all mirrored data. Users are protected from getting stale data, even when the system crashes and reboots after a mirrored disk fails.

In addition, Online: DiskSuite supports hot spares. Users can call upon extra online disks to automatically replace a failed disk in a two- or three-way mirrored set.

Online Filesystem Expansion

Online: DiskSuite allows filesystems to grow, online, up to 1 Terabyte. (Individual files are still subject to the UNIX® limit of 2 Gigabytes.) Filesystems and files can span multiple disk drives.

Bundles Sun QuickCheck for SunOS 4.1.1

Online: DiskSuite includes full Sun™ QuickCheck functionality for SunOS™ 4.1.1. Sun QuickCheck provides a 2 to 20 times improvement in reboot time after an unplanned system shutdown.

Disk Striping

Online: DiskSuite supports striping alternate bytes of data across as many as four disk drives, improving read performance for large sequential files.

The Online Series

Part of the Online Series, Online: DiskSuite helps keep Sun SPARCsystem™ users and data online.

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