



Sun StorageTek Common Array Manager (CAM) v 5.1

Application-aware storage management



Sun StorageTek™ 2500, 6130, 6140, and 6540 arrays benefit from the advanced features of Sun StorageTek Common Array Manager software, which provides common monitoring and management across the Sun StorageTek Modular Line. The Sun StorageTek Common Array Manager software helps reduce complexity and lowers storage management costs with centralized management, run-anywhere flexibility, a single interface across many Sun StorageTek arrays, fully integrated Service Advisor software, and integrated management for all of the optional data services software. The Sun StorageTek Common Array Manager software improves storage utilization through configuration flexibility, incremental capacity and performance scaling, storage consolidation, and capacity-efficient data services. This robust array management software helps enable an organization to easily scale storage resources without increasing administration costs or complexity.

Highlights

Sun customers demand consistency. CAM is our offering to address this by integrating our modular line from the STK 2500 up through the STK 6540. CAM v5.1 offers:

- **Simplified workflows lower operations costs.** CAM employs a wizard-driven, automated best practices model that takes the complexity out of configuring storage
- **Simplified repairs.** Detailed, interactive service information is correlated directly to any errors CAM detects on the storage system—which helps eliminate unplanned system downtime
- **Real-time support.** Proactive remote monitoring features tell Sun support about problems, in many cases before the customer is aware of them, reducing problem resolution times by 50 percent
- **Secure, web-based management.** Manage from anywhere, any time

The Sun StorageTek Common Array Manager software controls the Sun StorageTek arrays and provides administrators a powerful, yet easy to use management interface. With the Sun StorageTek Common Array Manager software, all administrative tasks, including configuration, re-configuration, expansion, maintenance, and performance tracking can be performed with no system downtime and no interruption to system I/O. The Sun StorageTek Common Array Manager software's configuration flexibility includes the ability to manage mixed drive types (capacities and RPM speeds), RAID levels, segment sizes, virtual disk sizes, volume characteristics, and cache policies all within a single storage system. And, its centralized administration and run-anywhere GUI enables management of all Sun StorageTek arrays from any location on the network—and is available on a wide variety of host platforms.

The Sun StorageTek Common Array Manager software is the primary interface for configuring and managing supported arrays. The management software consists of a suite of tools that are installed on an external management host.

Automated best practices

Based on the type of array, pre-determined profiles provide users with a simplified way to

selecting the correct storage and volumes for their needs. This provides an intuitive relationship between volume creation and end-user applications, and allows Sun's best practices configurations to be automated. The key customer benefits of this approach are simplified storage provisioning and reducing the time needed to tune an advanced storage architecture to specific application workloads.

Quick time-to-repair

Common Array Manager Service Advisor technology provides quick time to service for the supported array models by Connecting system errors directly to repair procedures—linking error messages in context to the specific repair required. The Service Advisor increases system uptime and dramatically lowers time to service by making common repairs simple and easy.

Sun Connection Services (included with your standard array support contract) provide proactive fault monitoring for all CAM-supported systems. After a simple registration process, arrays send fault information back to Sun support—automatically generating a support case when needed. This approach reduces case resolution time by 50 percent, and dramatically reduces the likelihood of system failures and data loss.

Sun StorageTek™ Common Array Manager (CAM) v 5.1 Specifications

Server operating system

SPARC server or workstation	<ul style="list-style-type: none"> • Solaris 8 OS 4/01 • Solaris 9 OS 8/03 • Solaris OS 10
Windows servers	<ul style="list-style-type: none"> • Windows 2000 with Service Pack 4 or higher • Windows 2003 with Service Pack 1 or higher • Windows XP with Service Pack 2 or higher
x64 computer	<ul style="list-style-type: none"> • Red Hat Enterprise Linux AS Release 4
x86 computer	<ul style="list-style-type: none"> • Solaris OS 10 • SuSE Linux 10

Management host system requirements

Disk space	<ul style="list-style-type: none"> • 555 MB (Solaris); 830 MB (Windows)
CPU	<ul style="list-style-type: none"> • Solaris: UltraSPARC 3 or better (750 MHz) Windows: 1.5 GHz PC
Minimum memory (2 arrays, 2 users)	<ul style="list-style-type: none"> • 512 MB shared memory

Remote CLI client platforms

<ul style="list-style-type: none"> • Solaris 8 SPARC 4/01 • Solaris 9 SPARC 8/03 • Solaris 10 SPARC • Solaris 10 x86 • Windows 2000 Server Server (SP4) and Advanced Server (SP4) • Windows Server 2003 Standard/Web/Enterprise Edition; SP2 • Windows XP SP1 • Red Hat Linux 3, 4 • SuSE Linux 10 • IBM AIX 5.2, 5.3 • HP-UX B.11.23, B.11.11

Supported web browsers

<ul style="list-style-type: none"> • Netscape Navigator 6.2 or later • Mozilla 1.4 or later • Firefox 1.0 or later • Microsoft Internet Explorer 5.5 or later

Supported languages

The browser user interface for the Sun StorageTek Common Array Manager (Solaris and Linux only) are available in:

- English
- Simplified Chinese
- Japanese
- French

The command line interface, online help, and the man pages are available in:

- English
- Online Help: Simplified Chinese, Japanese
- Man pages: Japanese

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