

# Sun Storage Common Array Manager

## Quick Start Guide

This guide can help you with the basic steps of installing Oracle's Sun Storage Common Array Manager software. If you are upgrading from a previous version or need additional information, see the *Sun Storage Common Array Manager Software Installation and Setup Guide*:

<http://docs.sun.com/>

Sun Storage Common Array Manager supports these arrays:

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- |                                    |                                  |
|------------------------------------|----------------------------------|
| • Sun Storage 6000 array series    | • Sun Storage F5100 Flash array  |
| • StorageTek 2500 array series     | • Sun Storage J4000 array series |
| • StorageTek FlexLine array series | • Sun Blade 6000 Disk Module     |
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## ▼ Install Sun Storage Common Array Manager Software

1. **Get the software from** <http://www.oracle.com/us/products/servers-storage/storage/storage-software/031603.htm>
2. **Verify system requirements are met:**

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Sun SPARC server, workstation, or x86 computer	Solaris 9 OS, Solaris 10 U9 OS, OpenSolaris 2009.06 and 1070 megabytes available disk space
Windows Servers	Windows 2003 SP2, Windows XP Professional SP3, Windows 2008 SP2, Windows 2008 R2 and 1175 megabytes available disk space
x64 computer	Red Hat Linux 4.7 and 5.4; SuSE Linux Enterprise Server 10 SP3, 11 SP1; Oracle Enterprise Linux 5.4, Oracle VM 2.2 and 1000 megabytes available disk space

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**Note** – See the *Sun Storage Common Array Manager Release Notes* for the latest supported operating systems.

The installation script verifies disk space requirements. If you want to check the space requirements for each directory, see the *Sun Storage Common Array Manager Installation and Setup Guide* for details.

3. Unpack or unzip the package you downloaded and save the unpacked files to:

`/install_dir/Host_Software_6.x.x.x`

If you load the software from DVD, the process unpacks the files for you.

4. Get the latest server patches from <http://sunsolve.sun.com>
5. Start the installer as **root** (Solaris OS) or **Administrator** (Windows), using the appropriate operating system command:

Operating System	Command
Solaris OS	RunMe.bin
OpenSolaris OS	pfexec ./RunMe.bin
Windows	RunMe.bat
Linux	RunMe.bin

6. Review and accept the license agreement.
7. Select Typical (full) to install the full Sun Storage Common Array Manager software. A full install includes the following packages:
  - Management host software with GUI
  - Data host proxy agent
  - Administrator host CLI client
8. When the installation completes, the View Results screen is displayed.

## ▼ Install the Data Host Proxy Agent

Install the proxy agent on each data host that has an in-band connection to a JBOD array.

1. Launch the installer as described in [Step 5](#).
2. Review and accept the license agreement.
3. Select Custom > Data Host Proxy Agent.
4. When the installation completes, the View Results screen is displayed.

## ▼ Configure the Management Host Firewall

1. Set the firewall to allow an exception for port 6789.
2. If your firewall program prompts you to set the port for you, see your firewall documentation for instructions on how to open a port.

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## ▼ Open Incoming and Outgoing Ports

Open the following incoming and outgoing ports for secure-by-default Solaris OS, OpenSolaris, Linux, and Windows platforms:

Port	Port Number	Description
Incoming Ports	TCP 6788	Console HTTP port that redirects to 6789
	TCP 6789	Console HTTPS port
Outgoing Ports	TCP 25	SMTP used for email event notification from the Fault Management Service (FMS)
	UDP 161	SNMP used for event notification traps from FMS
	TCP 2463	Use for RPC (remote procedure calls) with the array
Proxy Agent Ports	8653	Open port only if you install the proxy agent

## ▼ Start the Management Software

1. Use the IP address of the management host to access the management software:

<https://cam-management-host:6789>

2. Log in as root (Solaris OS) or Administrator (Windows).

The Oracle Java Web Console page is displayed.

## ▼ Next Steps

Go to the *Sun Storage Common Array Manager Software Installation and Setup Guide* or Online Help for information about the following tasks.

- Set up initial site and array information
- Register the arrays
- Set up administrative functions
- Add users and set up roles
- Set up Fault Management notification
- Set up Auto Service Request (ASR)
- Enable premium features for RAID
- Configure basic RAID storage
- Set up Access Configuration (zones) for JBOD arrays

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## Contact Information

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Documentation	<a href="http://docs.sun.com/">http://docs.sun.com/</a>
Support	<a href="http://www.sun.com/support/">http://www.sun.com/support/</a>
Training	<a href="http://www.sun.com/training/">http://www.sun.com/training/</a>
Patch and firmware updates	<a href="http://sunsolve.sun.com">http://sunsolve.sun.com</a>
Submit comments on this document	Click the Feedback[+] link at: <a href="http://docs.sun.com">http://docs.sun.com</a>

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**Note** – If you find a URL link in this guide that does not work, refer to the latest *Sun Storage Common Array Manager Release Notes* for updated information. Due to Oracle's acquisition of Sun Microsystems, URLs included in this guide might become obsolete.

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