VERITAS™

VERITAS SANPoint Control™ QuickStart 4.0

SANPoint Control QuickStart Release Notes

Solaris

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System Requirements and Hardware Support

This section lists requirements for running SANPoint Control QuickStart as well as hardware- and Java-related compatibility issues.

This section contains the following topics:

"SANPoint Control QuickStart System Requirements" on page 2

"Required Solaris Updates" on page 5

"SANPoint Control QuickStart Hardware and Software Support" on page 8

SANPoint Control QuickStart System Requirements

The following sections provide information on SANPoint Control QuickStart system requirements and the system resources recommended for optimal performance.

Note Check the Customer Support Web site regularly for updated versions of the *VERITAS SANPoint Control QuickStart 4.0 Hardware and Software Compatibility List*. The *VERITAS SANPoint Control QuickStart 4.0 Hardware and Software Compatibility List* is available at the following URL:
http://seer.support.veritas.com/docs/260958.htm

Operating System Requirements

The table below displays the operating system requirements for host systems running SANPoint Control QuickStart components.

SANPoint Control QuickStart OS Platform Requirements

SANPoint Control QuickStart Component	Operating Systems Supported
QuickStart Server	Solaris 7, Solaris 8, or Solaris 9
QuickStart Agent	Solaris 7, Solaris 8, or Solaris 9
VERITAS Enterprise Administrator (VEA) Console	Solaris 7, Solaris 8, or Solaris 9 Windows 2000 (Professional, Server, Advanced Server, Data Center Server) Windows XP (Professional)

Solaris System Resource Requirements

The table below provides memory and disk space specifications for SANPoint Control QuickStart components. Amounts of memory and disk space are *in addition to* the resources already consumed by other software on the host.

The disk space requirements for the QuickStart Server are only for installation of the component itself. For estimated disk space consumed by the database of discovered objects, see the section "System Resources Recommended for Different SAN Sizes" on page 4.

Solaris System Resource Requirements

SANPoint Control QuickStart Component	Additional Memory Required	Additional Memory Recommended	Additional Disk Space Required
QuickStart Server	196MB	256MB	450MB
QuickStart Agent	128MB	128MB	120MB
VERITAS Enterprise Administrator (VEA) Console	128MB	256MB	100MB

System Resources Recommended for Different SAN Sizes

As the size of the SAN increases, greater system resources are required to accommodate the larger database of discovered objects. The table below provides recommended CPU, memory, and disk space resources for SANPoint Control QuickStart Server hosts on small, medium, large, and enterprise SANs.

Recommended QuickStart Server Specifications by SAN Size

Size of SAN	CPU	Memory	Disk Space (Solaris)
Up to 128 switch ports	Ultra-5	256MB	700MB
Up to 512 switch ports	Ultra-5	384MB	850MB
More than 512 switch ports	Ultra-10	512MB	1GB

Required Solaris Updates

Some patches, service packs, or other software updates are required to run SANPoint Control QuickStart.

This section lists the patches required to run SANPoint Control QuickStart on different versions of Solaris. Some patches are required by the Java 2 Runtime Environment version 1.4, which is installed with the VERITAS Enterprise Administrator (VEA) Console. Other patches are required for proper operation of the QuickStart Server or QuickStart Agent.

In addition to the patches listed here, you may want to install the latest full patch cluster for your version of Solaris. Patch clusters include additional recommended and security patches. Individual patches and patch clusters for Solaris can be downloaded from the Sun Microsystems Web site:

http://sunsolve.sun.com

▼ To list the patches currently installed on your system

❖ Use the `showrev` command:

`showrev -p`

To check whether a particular patch is installed, use the command as follows:

`showrev -p | grep patch-id`

where ***`patch-id`*** is the patch number in the format **`xxxxxx-xx`**.

Note When updating Solaris patches, you should apply the Libthread patch last.

Solaris 7

Following are the required patches to run SANPoint Control QuickStart on Solaris 7.

Note For Solaris 7 systems, be sure to install patches 107081-43 and 106980-18 (see table below) before installing the VERITAS Enterprise Administrator (VEA) Console. Reboot the machine for the patches to take effect.

Patch Details for Solaris 7

Patch Number	Description
106300-15 or later	64-bit shared library patch for C++
106327-14 or later	32-bit shared library patch for C++

Patch Details for Solaris 7 (continued)

Patch Number	Description
106541-20 or later	Kernel update patch
106950-18 or later	Linker patch
106980-18 or later	Libthread Patch
107081-45 or later	Motif runtime library patch
107153-01 or later	Req'd for zh. GBK Chinese locale
107226-18 or later	CDE window manager patch
107544-03 or later	`/usr/lib/fs/ufs/fsck` patch
107636-09 or later	X Input and Output method Patch
107656-07 or later	OpenWindows libXt patch
107702-09 or later	CDE 1.3 dtsession patch
108374-05 or later	CDE libDtWidget patch
108376-37 or later	OpenWindows patch

Solaris 8

Following are the required patches to run SANPoint Control QuickStart on Solaris 8.

Patch Details for Solaris 8

Patch Number	Description
108528-14 or later	Kernel update
108652-51 or later	Xserver patch
108773-14 or later	X Input and Output method patch
108827-20 or later	Libthread patch
108921-14 or later	CDE patch

Patch Details for Solaris 8 (continued)

Patch Number	Description
108940-41 or later	Motif 2.1 patch
108987-09 or later	Patch for patchadd and patchrm
108989-02 or later	Accounting patch
111111-03 or later	`/usr/bin/nawk` patch
111293-04 or later	Req'd for kernel update
111310-01 or later	Req'd for kernel update
112003-03 or later	Fontset patch for sparcv9
112396-02 or later	`/usr/bin/fgrep` patch

Solaris 9

No patches are required to run the SANPoint Control QuickStart on Solaris 9.

SANPoint Control QuickStart Hardware and Software Support

Information on the hardware SANPoint Control QuickStart supports is maintained in the online *VERITAS SANPoint Control QuickStart 4.0 Hardware and Software Compatibility List*. This document contains the following information:

- Hardware models that SANPoint Control QuickStart supports
- Firmware and driver versions that SANPoint Control QuickStart supports
- Descriptions of the level of support (in cases where SANPoint Control QuickStart does not fully support the hardware)
- Configuration requirements to enable support (where applicable)

The *VERITAS SANPoint Control QuickStart 4.0 Hardware and Software Compatibility List* is available online at the following location:
http://seer.support.veritas.com/docs/260958.htm

SANPoint Control QuickStart supports only single-vendor fabrics. Discovery and management of multi-vendor fabrics is not supported.

Outstanding Issues

This section describes known issues with SANPoint Control QuickStart 4.0 and provides instructions for working around these issues.

Summary of Outstanding Issues

The following table lists the known outstanding issues in SANPoint Control QuickStart 4.0.

Outstanding Issues

Description of Issue	Incident Number
Some SANPoint Control QuickStart wizard operations might take a long time to execute with no wait cursor displaying.	10668
The "Remember password" feature does not work when used in conjunction with the "Manage" option for Volume Manager volumes.	11316
After installing the Japanese Language pack, you must restart theVERITAS Enterprise Administrator (VEA) Server using the following command: `/opt/VRTSob/bin/vxsvcctrl restart`	13114
In the QuickStart Server SAN discovery configuration file (`sal.conf`) the `[Exp.Array]` section does not apply to SANPoint Control QuickStart.	13490
When uninstalling SANPoint Control QuickStart, the SANPoint Control QuickStart Uninstall Script removes the Multilanguage VERITAS Enterprise Administrator package (`VRTSmuob`) without first checking the local host for other VERITAS products that might use `VRTSmuob`.	13598
A user-created JBOD enclosure might show multiple connections in the Console Topology Map.	25753

Outstanding Issues (continued)

Description of Issue	Incident Number
Sometimes when SANPoint Control QuickStart discovers a Cisco MDS switch, the VERITAS Enterprise Administrator (VEA) Console displays switch information in the Tree View but not in the Topology Map. To correct this, restart the VEA Server using the following command: `/opt/VRTSob/bin/vxsvcctrl restart`	25759

Addenda and Errata

This section contains additions and corrections to the SANPoint Control QuickStart documentation and online help.

Addenda and Errata for All SANPoint Control QuickStart Manuals and Online Help

The following issue applies to all SANPoint Control QuickStart manuals and online help.

SANPoint Control QuickStart Release Notes Not Part of Documentation Package (VRTSspqdc)

The Preface of each SANPoint Control QuickStart manual and the SANPoint Control QuickStart online help incorrectly states that the *SANPoint Control QuickStart Release Notes* is included in the documentation package, `VRTSspqdc`.

Instead, the *SANPoint Control QuickStart Release Notes* resides on the VERITAS Storage Solutions software disc 2 in the `release_notes` directory.

Addenda and Errata for *SANPoint Control QuickStart Installation and Configuration Guide*

This section contains errata and additional information not included in the *SANPoint Control QuickStart Installation and Configuration Guide*.

Incorrect Oracle Troubleshooting Reference

The following Oracle discovery troubleshooting item references a non-existent SANPoint Control QuickStart manual (the *Administrator's Guide)*. This reference should instead read:

Oracle Discovery Issues

Problem	Explanation	Solution
Can't discover Oracle instances	The Oracle Explorer may be disabled.	Enable the explorer if necessary. See "Configuring the Oracle Explorer" on page 75.