



Sun StorEdge™ Instant Image 2.0.1 Release Notes

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Sun StorEdge™ Instant Image 2.0.1 Release Notes

Introduction

These Release Notes describe product considerations for the Sun StorEdge Instant Image 2.0.1 (Instant Image) software release.

Refer to the *Sun StorEdge Target Emulation 1.2 Release Notes* and the *Sun StorEdge Instant Image 2.0 Release Notes* for information about those products.

Instant Image 2.0.1 provides the capability to export a snapshot or shadow of a master volume to an application server. The operation of Instant Image, with the shadow exported to another host through STE, is the same as if you were accessing the master and shadow volumes locally. You can write to either the master or shadow, and you can resynchronize in either direction.

Instant Image 2.0.1 is not intended to be used to provide additional storage. Do not reconfigure or reformat the shadow volume. If you build a new filesystem or database on the shadow volume, you will create a new infrastructure based on a size larger than the master. This is an unsupported use of this product, which could lead to undesirable results. Refer to the “Configuration Considerations” section of the *Sun StorEdge Instant Image 2.0.1 Installation Guide*.

Instant Image 2.0.1 runs on the Solaris 2.6 5/98 system software and subsequent releases thereof. If you are running an earlier release, you must upgrade in order to run Instant Image 2.0.1.

For late-breaking news about this release, go to:

http://www.sun.com/storage/software/instant_image.html/

If you are a Sun™ support or service provider, go to:

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Typographic Conventions

Typeface	Meaning	Examples
AaBbCc123	The names of commands, files, and directories; on-screen computer output	Edit your <code>.login</code> file. Use <code>ls -a</code> to list all files. % You have mail.
AaBbCc123	What you type, when contrasted with on-screen computer output	% su Password:
<i>AaBbCc123</i>	Book titles, new words or terms, words to be emphasized	Read Chapter 6 in the <i>User's Guide</i> . These are called <i>class</i> options. You <i>must</i> be superuser to do this.
	Command-line variable; replace with a real name or value	To delete a file, type <code>rm filename</code> .

Related Documentation

Application	Title	Part Number
man pages	<code>ii_config(1m)</code>	N/A
	<code>ii_control(1m)</code>	
	<code>ii_health(1m)</code>	
	<code>iiadm(1m)</code>	
	<code>steadm(1M)</code>	
	<code>steconf(1M)</code>	
	<code>ste.cf(4)</code>	
	<code>ifptm(7D)</code>	
	<code>sftm(7D)</code>	
	<code>ste(7D)</code>	
Software Installation	<i>Sun StorEdge Instant Image 2.0.1 Installation Guide</i>	806-5317
Configuration	<i>Sun StorEdge Instant Image 2.0.1 Configuration Guide</i>	806-5318
Release	<i>Sun StorEdge Target Emulation 1.2 Release Notes</i>	806-5527
	<i>Sun StorEdge Instant Image 2.0 Release Notes</i>	806-0231

Solaris Patches

Install the Instant Image 2.0 patch applicable for your version of the Solaris system software:

Patch ID	Solaris Version
109554	2.6
109555	7
109556	7-8/99
109558	8

The latest patch information is available from the SunSolve website:

<http://sunsolve.Sun.COM/>

Product Notes

Configuration Requirements

The following tables list the hardware and software configurations that you can use. Instant Image 2.0.1 runs on the Solaris 2.6, Solaris 7 or Solaris 8 operating environments.

This release supports only the target servers listed here. PCI-based target servers are not supported..

Table 1 Target Configuration

Target Server	Fibre Channel Host Adapter	Storage System
Sun Enterprise™ Server models ES3500, ES4x00 to ES6x00, ES10000	SBus - P/N 501-3060	Any storage system supported by Sun

Table 2 Initiator Configurations

Qualified Initiators	Fibre Channel Host Adapter
Sun Enterprise PCI-based servers	PCI - P/N 375-0040
Sun Enterprise SBus servers ES3500, ES4x00 to ES6x00, ES10000	SBus - P/N 501-3060

Product Limitations

Sun StorEdge Instant Image 2.0.1 is not supported in a clustered environment.

Sun StorEdge Instant Image 2.0.1 does not support:

- PCI-based target servers
- Veritas Dynamic Multipathing (DMP)
- Dynamic Reconfiguration (DR)
- Alternate Pathing (AP)

Serviceability of a System Panic

In the unlikely event of a system panic, the Sun Storage Cache Management software (SUNWscm) will capture the panic dump and Storage library information. The capture is enabled by default so that if a failure caused by software or hardware does occur, it can be diagnosed on the first incident.

The information is captured by the `/etc/init.d/issdump` script for use by Sun Enterprise Services. (`/etc/init.d/issdump` is linked to `/etc/rc2.d/S19issdump`.)

When installing SUNWscm, make sure your dump partition (normally the primary swap partition) is large enough to dump all configured memory on your server. You also must ensure that the `/var/crash` directory has enough free space to hold a crash dump file.

Running STE with Instant Image

STE and SV cannot share the same volume. If you are using Instant Image and you have a volume that you want under STE control, remove the volume from SV control, add the volume to the `ste.cf` file, then restart Instant Image..

