



# Sun StorEdge™ 5210 NAS Release Notes

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Sun Microsystems, Inc.  
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# Sun StorEdge 5210 NAS Release Notes

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This document contains important information about the Sun StorEdge™ 5210 NAS that was not available at the time the product documentation was published. Read this document so that you are aware of issues or requirements that can impact the installation and operation of the Sun StorEdge 5210 NAS.

- “System Requirements” on page 1
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**Important** – The system supports only a single administrative login at one time.

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## System Requirements

The Sun StorEdge 5210 NAS system ships with the Web Administrator software already installed. You do not need to install any software to manage the Sun StorEdge 5210 NAS.

To access the Web Administrator management interface, you must have a network-attached computer running one of the following browsers. You must use a Java™ technology-enabled browser with Java Plug-In 1.3.1 (or later).

- Internet Explorer
- Mozilla™
- Netscape Navigator™

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**Note** – To download the latest Java Plug-in software, go to <http://java.com>.

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## Issues Resolved in This Release

- The SNMP attribute *system.sysDescr.0* is now set correctly
- All checkpoints now list the Backup option.
- EMU boards in the 5210 JBOD are now properly instrumented and monitored.
- The NAS head no longer sends false battery errors under any circumstances.
- The FTP module in the NAS operating system now loads automatically at startup but remains disabled by default.
- The GUI can now show as many as three external JBODs instead of two.
- The console now displays all file volumes, even if more than 50 were created.
- Create and Delete bonding (port aggregate) occasionally caused an unresponsive system; this has been fixed.

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## Known Issues

- Under extreme conditions CIFS clients may lose connection when the Sun StorEdge 5210 NAS encounters a heavy I/O load.  
**Workaround:** Set the system to delete the files immediately using the CLI command:  

```
fsctl attic disable <volume>
```
- SNMP attribute *se5210RaidBBUStatus* is set to "unknown".  
**Workaround:** None.
- "Unowned SFS2" volumes that can't be managed.  
**Workaround:** If the file systems are not recoverable, you can reclaim the space using the following CLI command:  

```
fszap <disk> <partition>
```

- It takes a long time to load when you Configure NFS - Setup Hosts / Add user ; during that time the screen doesn't repaint and the system appears to be hung because of many entries in the NIS/NIS+ mappings.

Please wait for the system to finish processing and repaint the screen. Do not reboot your system.

- Mount of checkpoint volume causes a pwd command malfunction if you mount it as follows:

```
mount -F nfs se5k:/vol01.chkpnt /z/vlcp (incorrect)
```

When mounted as above, the pwd command anywhere under /z/vlcp incorrectly displays as follows:

```
/
```

**Workaround:** Do not mount any /vol\*.chkpnt volume itself; instead mount its subdirectories. For example, the following mount command example avoids the problem:

```
mount -F nfs se5k:/vol01.chkpnt/cp2 /z/vlcp/cp2 (correct)
```

- Old exports appear when there are no associated volumes.

**Workaround:** Manually delete the stale exported filesystem using the Web Administrator. In the navigation panel, select UNIX Configuration->Configure NFS->Configure Exports panel, and then delete the stale exported filesystem.

- Changing volume roles on a mirror volume in File Replicator followed by a power cycle results in loss of Mirror.

**Workaround:** You need to recreate the Mirror. See the instructions on mirrors and File Replicator in the *Sun StorEdge 5210 NAS Software Installation, Configuration, and User Guide*.

- You can retrieve the latest MIB files from [sunsolve.sun.com](http://sunsolve.sun.com).

- When you connect a Tape Library to the Sun StorEdge 5210 NAS, you must connect the SCSI cable to the on-board SCSI connector next to the copper network port on the back of the Sun StorEdge 5210 NAS.

Note that the *Sun StorEdge 5210 NAS Hardware Installation, Configuration, and User Guide* carefully identifies the port used for SCSI tape attachment and also has warnings to NOT attach anything to the "spare" external SCSI port on the RAID card.

- Large NDMP backup may fill up /dvol with NDMP job files.

**Workaround:** Before initiating a large file volume backup, it may be necessary to set up the temporary backup directory against a large SFS2 volume other than /dvol.

**1. Create an SFS2 file volume; for example, /backup.**

**2. Telnet to the NAS head and run the following two commands in the same order:**

```
set backup.directory/backup
savevars
```

This temporary backup directory assignment is lost after reboot. So this needs to be setup after every boot.

It may also be required to schedule backup of file volumes one after another as opposed to scheduling multiple volumes at the same time. If multiple file volumes are backed up in a single backup job, there may be a few NDMP bitmap files (like `ndmp.[x]` - where `x` can be any integer) in the `backup.directory` needing to be manually removed. **ONLY REMOVE THE FILES AFTER THE BACKUP JOB IS COMPLETED.**

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## Addenda to the Documentation

This section includes information that is additional to or overrides information in the documentation.

### Exporting a File Volume

You can export a file volume only to a set of hosts with root permission (like Solaris or UNIX) by adding the hosts to the “trusted group” using the Set Up Hosts screen.

Another way of doing this is to add the set of hosts to a Host Group and then export the required file volume against this group using the “with Map Root User set to Root User” option.



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## Release Documentation

The following documentation is included with this release:

*Setting Up the Sun StorEdge 5210 NAS (setup poster)*

The remaining documentation is posted on the documentation Web site at:

[http://www.sun.com/hwdocs/Network\\_Storage\\_Solutions/nas](http://www.sun.com/hwdocs/Network_Storage_Solutions/nas)

The remaining documentation includes:

*Sun StorEdge 5210 NAS Quick Reference Manual*

*Sun StorEdge 5210 NAS Hardware Installation, Configuration, and User Guide*

*Sun StorEdge 5210 NAS Software Installation, Configuration, and User Guide*

*Sun StorEdge 5210 NAS Safety and Compliance Guide*

*Sun StorEdge 5210 Expansion Unit Safety and Compliance Guide*

*Sun StorEdge 5210 FRU Upgrade Instructions*

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## Service Contact Information

If you need help installing or using this product, call 1-800-USA-4SUN, or go to:

<http://www.sun.com/service/contacting/index.html>

