

## 7230 - 6.5.29 XFS Rollup #8

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### 1. Patch\_SG0007230\_Release\_Note

This release note describes patch SG0007230 to IRIX 6.5.29. Note that patch SG0007226 should also be installed with this patch.

Patch SG0007230 replaces patches SG0007213, SG0007195, SG0007181, SG0007126, SG0007119, SG0007106 and SG0007102.

#### 1.1 Supported\_Hardware\_Platforms

All platforms.

#### 1.2 Supported\_Software\_Platforms

This patch contains bug fixes for XFS on a system running 6.5.29. The software cannot be installed on other configurations.

This patch is incompatible with the following versions of CXFS:

- +o CXFS 3.x all versions
- +o CXFS 4.0.x all versions
- +o CXFS 4.1.5.x releases before February 27, 2008 and earlier CXFS 4.1.x versions
- +o CXFS 4.2 and CXFS 4.2.1

#### 1.3 Bugs\_Fixed\_by\_Patch\_SG0007230

This patch contains fixes for the following bugs in IRIX 6.5.29. Bug numbers from Silicon Graphics bug tracking system are included for reference.

##### Patch 7213:

###### Fixes:

- Bug #976441 - IRIX 6.5.29 cxfs dev-bits logbuf size must be greater than equal to log stripe
- Bug #974009 - xfs\_bmapi() fails to update previous extent pointer
- Bug #981029 - xfs\_bmbt\_insert invalidates the btree cursor
- Bug #984712 - Convert ASSERTs to XFS\_WANT\_CORRUPTED\_GOTOS in xfs\_bmap.c
- Bug #984713 - Prevent extent btree block allocation

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##### failures

- Bug #984714 - Always reset btree cursor after an insert
  - Bug #985929 - incorrect delta in xfs\_bmap\_add\_extent\_unwritten\_real()
  - Bug #988346 - XFS patch required to support NFS v4 ACL on IRIX CXFS clients
  - Bug #988797 - Fix speculative allocation beyond eof
- Replaces and rolls up:

##### Patch 7195:

Replaces and rolls up:

##### Patch 7181:

###### Fixes:

- Bug #957110 - XFS needs to synchronize the file size with what data has been written
- Bug #957607 - project quotas not updated if a

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file is mv'd into that directory  
 Bug #956856 - xfs\_repair doesn't detect missing attribute fork  
 Bug #966581 - XFSQA 138, 139 & 140 irix 6.5.30 + 7179 null files failures  
 Bug #957285 - tlbmiss in xfs\_bmbt\_get\_blockcount while running fsr  
 Bug #967783 - xfs\_bmap\_add\_extent\_delay\_real: Uninit'd r[3] corrupts startoff  
 Bug #961438 - panic in xfs\_stream\_timeout() due to NULL pointer  
 Bug #964077 - 6.5.31m build failed - xfs\_filestream\_associate not included in SIM build  
 Bug #966547 - Another panic in xfs\_stream\_timeout() due to NULL pointer  
 Bug #951636 - project quotas not updated if a file is mv'd into that directory  
 Replaces and rolls up:  
 Patch 7126, which has missing targets and is a bad patch.  
 Replaces and rolls up:  
 Patch 7119, which fixes:  
 Fixes:  
 Bug #953520 - xfs multistream hang on i\_iolock/i\_lock deadlock  
 Bug #952696 - tlbmiss in xfs\_stream\_new\_ag  
 Replaces and rolls up:  
 Patch 7106, which fixes:  
 Bug #946509-Track extent changes through VCHANGE\_FLAGS\_EXTENTS, which implements a way to be notified by XFS when the in-core extent list changes  
 Bug #949098-Rename xfs\_exdelta\_t to

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xfs\_ext\_delta\_t, for consistency with the naming conventions used in the XFS code.  
 Bug #909440-Fix potential data corruption in XFS direct I/O when writing beyond eof and eof is not filesystem block aligned.  
 Bug #942940-Made xfs\_qm\_statvfs use a PVOP call since it is already inside a VOP call chain.  
 Replaces and rolls up:  
 Patch 7102, which fixes:  
 Bug #950072-panic in xfs\_qm\_vop\_rename\_dqattach, which would cause a machine booting from an XFS volume to panic during boot when quotas have been enabled on the root volume.

#### 1.4 Subsystems\_Included\_in\_Patch\_SG0007230

This patch release includes these subsystems:

```
to patchSG0007230.eoe_sw.base patchSG0007230.eoe_sw.dmi
patchSG0007230.eoe_sw.quotas
patchSG0007230.eoe_sw.xfsrt
```

#### 1.5 Installation\_Instructions

Because you want to install only the patches for problems you have encountered, patch software is not installed by default. After reading the descriptions of the bugs fixed in this patch (see Section 1.3), determine the patches that meet your specific needs.

If, after reading Sections 1.1 and 1.2 of these release notes, you are unsure whether your hardware and software meet the requirements for installing a particular patch, run inst. The inst program does not allow you to install patches that are incompatible with your hardware or software.

Patch software is installed like any other Silicon Graphics software product. Follow the instructions in your Software Installation Administrator's Guide to bring up the miniroot form of the software installation tools.

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Follow these steps to select a patch for installation:

1. At the Inst> prompt, type

```
install patchSGxxxxxxx
```

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where xxxxxxx is the patch number.

2. Initiate the installation sequence. Type

```
Inst> go
```

3. You may find that two patches have been marked as incompatible. (The installation tools reject an installation request if an incompatibility is detected.) If this occurs, you must deselect one of the patches.

```
Inst> keep patchSGxxxxxxx
```

where xxxxxxx is the patch number.

4. After completing the installation process, exit the inst program by typing

```
Inst> quit
```

#### 1.6 Patch\_Removal\_Instructions

To remove a patch, use the versions remove command as you would for any other software subsystem. The removal process reinstates the original version of software unless you have specifically removed the patch history from your system.

```
versions remove patchSGxxxxxxx
```

where xxxxxxx is the patch number.

To keep a patch but increase your disk space, use the versions removehist command to remove the patch history.

```
versions removehist patchSGxxxxxxx
```

where xxxxxxx is the patch number.

#### 1.7 Known\_Problems

```
-----
Lineage for Patch 7230
-----
```

```
-7: 7102
-6: 7106
-5: 7119
-4: 7126
-3: 7181
-2: 7195
-1: 7213
0: 7230
+1: 6531
```

```
Incompatible with: 7171 7189
```

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Name	Patch Size	Date Created	Checksum type	Checksum	Format
patch7230.tar	3.4 MiB	2015-09-11	sha1	a850a8f23910fc024d6d4b35f5e14aa1d4fbf81d	<a href="#">HTTPS</a> <a href="#">FTP</a>

**Additional Details**

<b>Creation Date</b>	09/11/2015 07:32 PM
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<b>Products</b>	<ul style="list-style-type: none"><li>• Software</li><li>• Storage Software</li><li>• XFS and XVM</li><li>• Legacy Software</li><li>• Operating Systems</li><li>• IRIX</li></ul>
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