

7231 - 6.5.28 XFS Rollup #8

Published 05/06/2009

- 1 -

1. Patch_SG0007231_Release_Note

This release note describes patch SG0007231 to IRIX 6.5.28. Note that Patch SG0007225 should also be installed with this patch.

Patch SG0007231 replaces patch(es) SG0007212, SG0007194, SG0007180, SG0007125, SG0007109, SG0007078 and SG0007010.

1.1 Supported_Hardware_Platforms

This patch contains bug fixes for IP27 and IP35 platforms. The software cannot be installed on other configurations.

1.2 Supported_Software_Platforms

This patch contains bug fixes for the XFS filesystem on a system running IRIX 6.5.28. 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_SG0007231

This patch contains fixes for the following bugs in IRIX 6.5.28. Bug numbers from Silicon Graphics bug tracking system are included for reference.

Patch 7212:

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 failures

- 2 -

- 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

[Back to top](#)

Bug #988797 - Fix speculative allocation beyond eof
 Replaces and rolls up:
 Patch 7194:
 Replaces and rolls up:
 Patch 7180:
 Fixes:
 Bug #957110 - XFS needs to synchronize the file size with what data has been written
 Bug #957607 - project quotas not updated if a 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 #951636 - project quotas not updated if a file is mv'd into that directory
 Replaces and rolls up:
 Patch 7125, which has missing targets and is a bad patch.
 Replaces and rolls up:
 Patch 7109, which 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 7078, which fixes:
 Bug #946901 - Size discrepancy between cxfs and xfs ioops
 Replaces and rolls up:
 Patch 7010, which fixes:
 Bug #944609 - Concurrent Multi-File Data Streams
 Bug #943633 - XFS stripe alignment value doesn't survive recovery

- 3 -

1.4 Subsystems_Included_in_Patch_SG0007231

This patch release includes these subsystems:

```
to patchSG0007231.eoe_sw.base patchSG0007231.eoe_sw.dmi
patchSG0007231.eoe_sw.quotas
patchSG0007231.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

[Back to top](#)

Installation Administrator's Guide to bring up the miniroot form of the software installation tools.

Follow these steps to select a patch for installation:

1. At the Inst> prompt, type

install patchSGxxxxxxx

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 -

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 7231  
-----
```

```
-7: 7010  
-6: 7078  
-5: 7109  
-4: 7125  
-3: 7180  
-2: 7194  
-1: 7212  
0: 7231  
+1: 6531
```

Disclaimer

For additional information regarding this answer, contact your local service representative or Customer Support Center. This information is available to SGI customers ONLY for their convenience and private use. The information is provided "as is" without any warranty.

[Back to top](#)

Trademark Information

Silicon Graphics, SGI, and the SGI logo are trademarks or registered trademarks of Silicon Graphics International Corp. in the United States and/or other countries worldwide. For additional information for other SGI trademarks mentioned herein, refer to the [Trademark Information](#) page.

All other trademarks mentioned herein are the property of their respective owners.

Download Section

Search here! # of records: 1

Name	Patch Size	Date Created	Checksum type	Checksum	Format
patch7231.tar	3.39 MiB	2015-09-11	sha1	a17220abb0f0cad4958f600e5d1f01b73229605	HTTPS FTP

Additional Details

Creation Date	09/11/2015 07:32 PM
Last modification	09/18/2015 04:55 PM
Published Date	05/06/2009
Products	<ul style="list-style-type: none">• Software• Storage Software• XFS and XVM
Categories	<ul style="list-style-type: none">• Downloads• Patches

[⬆ Back to top](#)