

7245 - 6.5.30 XFS Rollup #5

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- 1 -

1. Patch_SG0007245_Release_Note

This release note describes patch SG0007245 to IRIX 6.5.30. Note that patch SG0007227 must also be installed with this patch.

Patch SG0007245 replaces patch SG0007229, SG0007214, SG0007196, SG0007179 and SG0007127.

1.1 Supported_Hardware_Platforms

All platforms.

1.2 Supported_Software_Platforms

This patch contains bug fixes for XFS on a system running 6.5.30. 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_SG0007245

This patch contains fixes for the following bugs in IRIX 6.5.30. Bug numbers from Silicon Graphics bug tracking system are included for reference.

Patch 7245:

Fixes:

Bug #1012826 - xfs_dir2_grow_inode passed null to kmem_free

Replaces and rolls up:

Patch 7229, which corrects an installation issue when CXFS is installed

Replaces and rolls up:

Patch 7214:

Bug #974009 - xfs_bmapi() fails to update previous extent pointer

- 2 -

Bug #981029 - xfs_bmbt_insert invalidates the btree cursor

Bug #984711 - fix extent corruption in xfs_iext_irec_compact_full()

Bug #984712 - Convert ASSERTs to XFS_WANT_CORRUPTED_GOTOS in xfs_bmap.c

[Back to top](#)

Bug #984713 - Prevent extent btree block allocation 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
 Bug #988798 - XFS in-core extent list corruption in xfs_iext_irec_compact_full

Replaces and rolls up:

Patch 7196

Replaces and rolls up:

Patch 7179:
 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 #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 7127, which has missing targets and is a bad patch.

- 3 -

1.4 Subsystems_Included_in_Patch_SG0007245

This patch release includes these subsystems:

```
to patchSG0007245.eoe_sw.base patchSG0007245.eoe_sw.dmi
  patchSG0007245.eoe_sw.quotas
  patchSG0007245.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 7245  
-----
```

```
-5: 7127  
-4: 7179  
-3: 7196  
-2: 7214  
-1: 7229  
0: 7245  
+1: 6532
```

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[Back to top](#)

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Name	Patch Size	Date Created	Checksum type	Checksum	Format
patch7245.tar	3.44 MiB	2015-09-11	sha1	ec6cf797561564a4aae8abd76bb5ff1baf239ccf	HTTPS FTP

Additional Details

Creation Date	09/11/2015 07:32 PM
Last modification	09/18/2015 04:55 PM
Published Date	05/27/2011
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](#)