

Product Alert 12

Product: StorNext[®] File System 2.5 and later and
StorNext[®] FX 2.5 and later

Summary: Possible data corruption when multiple data writes target a single file

Date: June 2006

Problem: A rare data corruption has been experienced when writing files using NFS or the `writew` command; specifically when appending to a file on SNFS via NFS while another SNFS client is reading the same file.

When this problem occurs: For this corruption to occur, ALL of the following conditions must be met:

- 1 An NFS write, or `writew` call is performed to a file, while that same file is being read by another file system client.
- 2 The write must grow the file.
- 3 The write must use the DMA path (for more information about DMA, refer to the `mount_cvfs` MAN page).
 - The write is large enough to trigger the DMA path.
 - Another client has read the file recently.
- 4 Writes do not start at the beginning of a sector.

Solution: Upgrade to StorNext 2.6.4 b45 or later, StorNext 2.7, or StorNext FX 1.3.

For further assistance in this matter, contact ADIC Technical Assistance Center (ATAC).

In the USA:	800.827.3822
Outside the USA, toll free:	00.800.9999.3822
Web:	www.adic.com/techsup