Product Alert 9

Product: StorNext® File System 2.5 and 2.6 using the Windows GUI

Summary: Data corruption: Expanding Stripe Group Bandwidth using the Windows Configuration Administrator GUI will produce incorrect file system configuration files causing data corruption

Date: May 2006

Summary: When modifying the configuration of an existing file system to add one or more additional disks to a stripegroup using the Windows GUI Configuration Administrator, existing data is corrupted or is inaccessible after rebooting the system.

Problem: The Windows GUI will change the node order of your stripe group. Running the `cvupdatefs` utility with this mixed node order will corrupt all of your existing data.

This re-ordering does not allow proper data access.

For example:

Current order for Stripegroup 1

```
Stripegroup1

    node disk5 0
    node disk6 1
```

Using the Windows GUI, add disk4 to Stripegroup1 and the list will look like this:

```
Stripegroup1

    node disk4 0
    node disk5 1
    node disk6 2
```

The list should look like:

```
Stripegroup1

    node disk5 0
    node disk6 1
    node disk4 2
```

Solution:

Use the this procedure reorder your disks:

1   Stop the file system.

2   Make a copy of the configuration file and save it in a different location.

3   Manually edit the active (not the copy) configuration file and reorder the disks correctly.

4   Run the `cvupdatefs` utility if it has not yet been run.

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