VERITAS® File System 3.3.2

Release Notes Addendum for QuickLog 1.1

Solaris

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VERITAS File System Release Notes Addendum for QuickLog 1.1

This addendum provides information on VERITAS QuickLog™ Version 1.1, to be used on VERITAS File System™ (VxFS®) Release 3.3.2 for Solaris 2.5.1, 2.6, and 7 (32-bit and 64-bit) operating systems.

Review this entire document before installing QuickLog.

- Changes in This Release
- QuickLog Compatibility With VxFS
- Installing QuickLog
- Software Problems Fixed in This Release
- Technical Support

Changes in This Release

Product Name Change

The product name was changed from VERITAS Accelerator *for NFS* to VERITAS QuickLog, and the package name was changed from `VRTSvxld` to `VRTSqlog`.

VERITAS Documentation, such as the *VERITAS File System System Adminstrator's Guide* and *VERITAS File Server Edition System Adminstrator's Guide*, and the online manual pages, use the new product name. Error messages also use the new product name. However, QuickLog commands, the configuration file, library, and kernel components, retain the previous naming convention. For example, the kernel driver is `vxld` and command names still begin with "`vxld_`".

The last released version of this product was VERITAS Accelerator *for NFS* 1.0.6.

Operates on Solaris 7

This release of QuickLog operates on Solaris 7, in both 32-bit and 64-bit mode.

Enhanced vxld_stat Command

The `vxld_stat` command provides more comprehensive system statistics.

Enhanced vxld_cfgrec Command

The `vxld_cfgrec` command now rebuilds the QuickLog configuration from the original server on the failover host in a cluster environment.

Changes to vxld_logck Command

The `-S` option of `vxld_logck` was removed. The new syntax is:

```
# vxld_logck [logdevice]
```

QuickLog Compatibility With VxFS

Making QuickLog operable on 64-bit systems required changes that make it incompatible with VERITAS File System versions released before VxFS 3.3.2.

VERITAS File System Version Compatibility with QuickLog	
VxFS Versions 2.3 through 3.3.1	Accelerator *for NFS* Version 1.0.*x*.
VxFS Version 3.3.2	QuickLog Version 1.1

Note QuickLog 1.1 only works with VxFS 3.3.2 and VxFS 3.3.2 only works with QuickLog 1.1. Running QuickLog with any other version of VxFS causes problems that require a system reboot to clear.

Installing QuickLog

1. Save a copy of the Accelerator configuration file `/etc/vxld/config` so that after you install the new QuickLog package you will have a guide to restore your original configuration. You can simply save the file, or you can capture your current configuration by typing:

   # **`vxld_print > vxld_config.out`**

2. Detach all VERITAS file systems from their respective Accelerator devices. For each accelerated (logged) file system, enter:

   # **`vxld_umntfs`** *mountpoint*

   or

   # **`mount -F vxfs -o remount,log`** *special mountpoint*

   Because the file systems remain mounted while the upgrade is in progress, the availability of file system data is unaffected. When the file systems are detached from their Accelerator devices, all valid log buffers are restored to the file system log.

3. Remove all Accelerator devices (this deletes your current configuration):

   # **`vxld_rmall`**

4. Remove the 1.0.*x* Accelerator package:

   # **pkgrm VRTSvxld**

5. Change to the directory containing the QuickLog package and add it to the system:

   # **pkgadd -d ./VRTSqlog**

6. Restore your original configuration using the file saved in step 1 as a guide. To create a QuickLog device:

   # **vxld_mklog** [**-g** *diskgroup*] **vxlog***X* *volume*

   X is a value between 1 and 31. *volume* is the volume or disk partition to use as a QuickLog volume. See the *VERITAS File System System Adminstrator's Guide* and the `vxld_mklog`(1M) man page for details on creating QuickLog devices.

7. Attach file systems to the QuickLog devices. Use the file you saved in step 1 as a guide. To attach your file systems enter:

   # **vxld_mntfs vxlog***X* *mountpoint*

   or

   # **mount -F vxfs -o remount,vxldlog=**[**vxlog***X*] \
   special *mountpoint*

   X is a value between 1 and 31. See the *VERITAS File System System Adminstrator's Guide*, and the `vxld_mklog`(1M) and `mount_vxfs`(1M) man pages for details on attaching a VxFS file system to a QuickLog device.

Software Problems Fixed in This Release

VERITAS Incident Number	Description
27784	(Accelerator *for NFS* Version 1.0.4) Heavily used file systems would hang when using a shared log device.

Technical Support

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