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PROFESSIONAL SERVICES TECH NOTE #002

Inode 2 Pathname (i2p)

The Concept

The Inode to Pathname feature was introduced in Data ONTAP 7.1 as a better way to store metadata about files in the WAFL Filesystem. The paths which are mapped between inodes and pathnames are used internally to enhance operational performance and for auditing. They are used externally with applications like FPolicy and antivirus servers. Upgrades to new major releases of Data ONTAP add more metadata to inodes and therefore require a conversion of all inodes on every disk drive. This conversion can take hours to complete and will have an impact on upgrades to Data ONTAP 7.3

Examples

After an ONTAP upgrade you can view the progress of the conversion:

```
fas> priv set advanced
fas> waf1 scan status
fas> priv set
```

What It Means To You

Upgrading to new versions of Data ONTAP sometimes cause unexpected problems which require reverting to an old release of Data ONTAP. The i2p conversion must finish before a reversion can be started which may require running on the new release for hours or days. Please contact Technical Support or use the Upgrade Advisor to create a downgrade plan before attempting a reversion.

More Information

Read TR-3679 Inode to Pathname (i2p) Feature of Data ONTAP
(unfortunately, this Tech Report is no longer available at <http://www.netapp.com/us/library/>)

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Send comments, corrections & suggestion to Michael Cope at mcope@netapp.com