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Retrospect A/UX - 32000 File Limitation (9/93)

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Revised:        9/16/93
Security:       Everyone
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Article Created: 15 September 1993

TOPIC ---

The A/UX version of Retrospect has a limitation brought from the Macintosh
version. It is the limitations of 32,000 files when storing or restoring a
volume.

The error message, "Error -24062 (limited to 32000 files/folders)", is
still in the A/UX version of the product. This puts some restrictions on
what users can plan to backup with an Apple Workgroup Server (AWS) 95.

In the Macintosh version, Dantz claims that the HFS file system can get
unstable with about 32000 files. That should not be true with the UNIX
file system.

Will Dantz make any changes to eliminate this limitation in future version
of Retrospect A/UX?

DISCUSSION ---

Here is what we received from Dantz:

It is true that Retrospect has a limit per scan of 32,000 files. This
matches the limits of the Macintosh file system, though they will address
this limit in a future version of Retrospect.

There are a couple of ways to work around this limit on the AWS 95. The
best is to use Retrospect A/UX and backup a large drive in segments of
32,000 files or fewer. Retrospect can define folders as "Subvolumes" which
act as separate volumes for backup purposes. The entire drive can be
backed up this way since each backup session or script may contain an
essentially unlimited number of Subvolumes.

Another possibility is to use UNIX utilities such as TAR or DUMP for
volumes which exceed 32,000 files or folders.

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Tech Info Library Article Number:13242