ABS Tech Note: AWS22 Retrospect Error Codes (3/95)

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TOPIC ---

This technical note discusses some error situations that can occur using
Retrospect on the Apple Workgroup Server 95.

DISCUSSION --

Under some circumstances, Retrospect may return an error in its log in the range
of -27400. These errors are Unix system call errors being recognized by
Retrospect. The general formula for the conversion is errno=retro_error-27400,
so -27402 is the Unix error ENOENT, while -27404 is EINTR.

The -27402 will be seen when Retrospect comes across a file with a name longer
than 31 characters, it logs it with an error number of -24702 and doesn't back
up the file. While A/UX allows longer filenames, Mac OS doesn't, and Retrospect,
being a Mac OS program, restricts itself to the Mac OS API.

The workaround, when you run into a filename like this, is to rename the file to
a shorter name. At this time, there is no intention of changing Retrospect to
relax this limitation.

Under some rare circumstances, Retrospect will log a -27404 error which is the
equivalent of the Unix EINTR (interrupted system call) error. This is because
there is a system call in Retrospect that isn't expecting this error code and
doesn't recover from it cleanly. This failure is rare and intermittent, and may
only be seen when Retrospect is backing up data on a non-root, UFS formatted
filesystem. This bug is fixed in release 2.1 of Retrospect.

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