AWS95 & A/UX: tar To Transfer Files On Different Systems (4/95)

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TOPIC ---

This article describes how to backup a UNIX file system, which is not an Apple
Workgroup Server (AWS) 95, with a DAT tape drive, and restore that data onto an
AWS 95.

DISCUSSION --

Transfer Files

The tc driver under A/UX is limited to reading 8K blocks, so in order for tapes
created on other UNIX systems to be read under A/UX the tapes must be created
with this block factor. For example, if tapes created on a Hewlett Packard (HP)
workstation do not specify an 8K block factor, an AWS 95 will not be able to
read these tapes.

In the past, we have successfully create tapes on other UNIX systems using the
following command:

```
tar -cvf - . | dd of=/dev/rmt/tc2 obs=8kx40    (to create the archive)
```

Used the following command on the AWS 95 to read the tapes:

```
dd if=/dev/rmt/tc2 ibs=8kx40 | tar -xvf -    (to read the archive)
```

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