Apple Workgroup Server and Tape Backup System (11/94)

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TOPIC ---

This article describes Apple Workgroup Servers (AWS) and its tape backup
system.

DISCUSSION ---

The AWS 80 and the AWS 95 are available with an optional internal tape backup
drive. This drive uses digital tapes (the same form factor as DAT (Digital Audio
Tape)) of a high grade quality. The tape drive is usually referred to as a
DDS-DC drive. This stands for Digital Data Storage - Data Compression. This
drive requires that tapes used for recording meet the Media Recognition System
(MRS) standard. This restriction ensures that the tapes used are of high enough
quality to support large volumes of compressed data reliably.

This tape drive uses special hardware compression to maximize the amount of data
that can be reliably stored on a tape. Because of the compression, it is
difficult to estimate the exact capacity of a tape. Some data is more
compressible than other data. We estimate that a single tape, of 90m in length,
will store between 4 and 7 GB of data, depending on compressibility of the
data.

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29 Nov 1994 - Added maximum tape length.

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