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Apple Workgroup Server 95: Performance Enhancements (5/93)

Revised: 6/18/93
Security: Everyone

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Article Created: 24 May 1993

TOPIC ----------

This article describes the Apple Workgroup Server 95 performance enhancements.

DISCUSSION ----------

Apple has made several enhancements to make the Apple Workgroup Server (AWS) 95 the fastest possible server using today's Macintosh technology. The major pieces are:

- Quadra 950
- Server accelerator card
- A/UX 3.0.1
- AppleShare Pro
- Oracle 7

The Quadra 950 is built around a high-speed 33 MHz 68040 processor and high performance I/O subsystems. The I/O is further improved by the circuitry on the accelerator card. This card specifically speeds disk I/O through the use of a large cache and new high-performance SCSI controllers with full support for Direct Memory Access (DMA). By using A/UX the AWS 95 gains performance by fully supporting asynchronous I/O, increasing both network and disk performance, along with a high level of stability by employing UNIX, a time-tested and extremely robust operating system. AppleShare Pro is the only version of AppleShare fully tuned to take advantage of the features of the AWS 95 including async I/O, faster AppleTalk and filesystem performance. Finally, Oracle 7 for the AWS 95 has also been fully optimized to take advantage of the performance enhancements in the AWS 95.

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Tech Info Library Article Number:12360