EtherTalk 2.0.1: Improves Copy Performance

Revised: 6/29/90
Security: Everyone

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This article last reviewed: 2 March 1990

TOPIC -----

I'm having a problem when performing a Finder copy to an AppleShare File Server on an EtherTalk network. If you narrow the network down to a 2-node EtherTalk 2.0 network, you get these following results:

Copying a 3.3MB folder to a Macintosh II varies between server with an internal HD160 SC, the copy time 113 seconds to 700+ seconds using the same drive on different Macintosh II computers. The time varies on a single machine and across machines. Using the same drive in a Macintosh IIx, the same copy process consistently takes 48 seconds. When an internal 40MB drive was used on the offending machines, these problems were not observed.

1) Why does the time vary?

2) Why is the time for the HD160 SC so much slower than those we saw on the HD40 SC?

3) Why isn't the Macintosh IIx demonstrating the same problems?

DISCUSSION -----

We were able to duplicate this problem with some interesting twists. In our case, the slower machines were the Macintosh IIx systems with a particular Macintosh II performing as you would expect. Furthermore, HD80 SC drives also exhibited these symptoms.

In our tests, we found that the results varied from machine to machine and hard drive to hard drive, so we have concluded that the problem is not with particular hardware.

The problem can be resolved by upgrading to EtherTalk 2.0.1. When we did this, all drives on all machines functioned as expected. We recommend that all

machines (workstations and servers) be upgraded to EtherTalk 2.0.1.

Tech Info Library Article Number:5250