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Open Transport 1.1 and Intranet Access Issue (8/96)

Revised: 8/19/96
Security: Everyone

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Article Created: 19 August 1996

TOPIC -----

I am using an 10Base-T Ethernet C1 Router connected to a T1 line. I have setup a Power Macintosh using Open Transport on the same network as classic network based Macintosh computers. The Open Transport-based computer is able to connect to outside sites on the Internet using Netscape, but this computer is unable to get internal sites on our Intranet. Netscape returns an error something like, the server does not have a DNS Entry, when trying to access an intranet web site. The MacTCP based computers do not have a problem with either intranet, or Internet addresses. What is wrong?

DISCUSSION -----

A possible solution is to check to see if you have selected 802.3 Framing in the TCP/IP control panel. With the TCP/IP control panel open, choose User Mode in the Edit menu. If the checkbox next to "Use 802.3" is selected, deselect it by removing the "X".

It is very rare for 802.3 style addressing to be used for the Ethernet frame type. The Use 802.3 option should only be selected for a 802.3 CSMA/CD Access Method and Physical Layer Specification. IEEE 802.3, 802.4, and 802.5 define different network topologies and media access methods, or the ability of a node to physically send and receive data on a LAN.

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Tech Info Library Article Number:20293