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TCP/IP & AppleTalk Packets Can Coexist Under A/UX (9/94)

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TOPIC -----

Is it possible to have both TCP/IP and EtherTalk available and active at the same time under A/UX? If so, what is the procedure for doing this?

DISCUSSION -----

AppleTalk (via either EtherTalk card or LocalTalk serial port) is supported under A/UX. AppleTalk printing and File Sharing services are two examples of this. A/UX also supports TCP/IP networks, so that A/UX users can connect to networks of computers running a variety of UNIX-based operating systems. Both EtherTalk and TCP/IP use the Ethernet hardware, and they can use the same Ethernet card. AppleTalk and TCP/IP are not mutually exclusive. That is, a computer running A/UX can be connected to a TCP/IP network at the same time that it is connected to an AppleTalk network.

You can connect a computer that is running A/UX to a LocalTalk network or to an EtherTalk network. Earlier versions of A/UX required a user who logged in as root to modify the `/etc/appletalkrc` file to select LocalTalk or EtherTalk. With A/UX 3.0, any user who can log in by using the Finder control panel to select LocalTalk or EtherTalk. The `/etc/appletalkrc` file is no longer provided.

For TCP/IP, once you have determined the values of the TCP/IP configuration parameters for your Macintosh, you can run `newconfig` to make a kernel that supports the TCP/IP networking software. To run `newconfig`, log in as root in the Finder environment and open a CommandShell window, or log in as root in the Console Emulator.

Type the command:

```
newconfig bnet
```

Respond to the prompts that `newconfig` displays. When you have finished, restart the computer.

You can get additional information on this process by referring to the A/UX Network System Administration manual chapter on Configuring and Managing a

TCP/IP Network.

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Support Information Services

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