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A/UX: Cray Connectivity (6/93)

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TOPIC ---

This article describes alternative solutions for A/UX to Cray connectivity.

DISCUSSION --

In general, A/UX 3.0 is a full implementation of AT&T System 5.2.2 (with
Berkeley 4.3 extensions) UNIX Operating System. It is capable of
multi-users and multitasking environments. It also provides many defacto
standards, including TCP/IP communications protocol, Network File System
(NFS) from Sun Microsystems, Berkeley networking services, and X Window
System from MIT. As a result, A/UX can talk to almost any machine that any
UNIX machine talks to. Here are some connectivity examples:

Ethernet Connection

If the remote machine (Cray) supports TCP/IP Ethernet, regardless of the
type of operating system Cray is running, A/UX can talk to it via "telnet"
or "rlogin" and use "ftp" for file transfer.

If the remote machine supports NFS, then either A/UX or the remote machine
can be configured as an NFS server or NFS client.

If the remote machine supports X Window System, then both A/UX and the
remote machine can run X server and/or X client applications on different
displays, so that the two machines to share resources.

Serial Line Connection

A/UX supports two internal RS-232 serial ports for connecting to any RS-232
devices, like modems, regular terminals, and printers, hard-wired to
another computer's RS-232 ports (PC, VAX, Cray, and so on). You can use
"cu", "tip", or "kermit" (provided in A/UX) to connect your A/UX to the

remote machine.

Since A/UX 3.0 (as did previous versions) supports SLIP (Serial Line
Internet Protocol), if the remote machine also supports SLIP, SLIP might be
another solution for doing remote connection and file transfer by using the
underlying Internet network services, such as "rlogin", "telnet", "rcp",
and "ftp".

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