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## A/UX: Internet Router Printing Problem (8/94)

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TOPIC -----

I have a problem printing from AppleTalk for A/UX (Ethernet) through the AppleTalk Internet Router. I am running A/UX and have three printers--a LaserWriter IINTX and two AppleTalk ImageWriters on LocalTalk.

On the A/UX machine, I can launch a Macintosh OS application and print through Ethernet to the Internet Router and on to the LaserWriter with no problems. The Chooser works fine and shows all zones and printers.

However, when I try to print through A/UX, none of the three printers prints with `lp`, `lpr`, or `atprint`. The Printers and Zones show up and are chosen with the `at_cho_prn` script. Do you have any suggestions?

DISCUSSION -----

Because you don't have a printing problem via a Macintosh OS application, the problem seems to be on the A/UX printer spooler setup.

We have a couple of A/UX machines here configured with AppleTalk for A/UX printing via EtherTalk and the AppleTalk Internet Router without any problem when using the "`lp`" command or printing directly from the Macintosh OS application.

Here are some questions and suggestions:

- Is the `/usr/lib/lpsched` running? It usually starts up from the `/etc/inittab`.
- If the printing interface is via EtherTalk, the following two lines must be included in the `/etc/appletalkrc` file:

```
interface = ethertalk0
Ethernet = ae0
```

- Did you run the "`ADD_AT servicename`" command when you set up the printer spooler? (Note that `servicename` is just a printer queue name. You can give any name you want.)

- Try the "lpstat -t" command to display the current status information of your printer system. Make sure that the system default destination is the one you want to print to. Are the printer queue and the Class AppleTalk both accepting requests? Is the printer queue enabled?
- Make sure you have the Internet Router set to route the AppleTalk Phase 2 packets.

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19 Aug 1994 - Changed title

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Support Information Services

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