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LaserWriter Bridge Software 1.0 & AppleShare Print Server (5/96)

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TOPIC -----

1. Does the LaserWriter Bridge 1.0 software work with AppleShare print server?
2. Can I print to a printer on LocalTalk captured by an AppleShare Print Server on Ethernet using the LaserWriter Bridge 1.0 software bridge?

DISCUSSION -----

1. Question: Does the LaserWriter Bridge 1.0 software work with AppleShare print server?

Answer: The LaserWriter Bridge v1.0 and AppleShare Print Server 4.x were not tested together running on the same Macintosh and do not work together. Other Apple options include running LaserWriter Bridge on another client, using MicroPrint (the hardware Ethernet to LocalTalk bridge), or running Apple Internet Router on your print server.

2. Question: Can I print to a printer on LocalTalk captured by an AppleShare Print Server on Ethernet using the LaserWriter Bridge 1.0 software bridge?

Answer: The symptom you described is due to a limitation of the LaserWriter Bridge software, assuming the print spooler is on the Ethernet segment and you have disabled Bypass printing.

Three workarounds are:

- A. Place the spooler on the same LocalTalk segment the printer is located on.
- B. Enable Bypass printing allowing Macintosh computers and the spooler to print to the LaserWriter.
- C. Use the LocalTalk Bridge.

Background:

The LocalTalk Bridge enables devices of "Type" LaserWriter on the LocalTalk segment to be available to devices on the EtherTalk segment. When you capture a printer with the AppleShare Print Server (or possibly other spoolers) and disable Bypass printing, the spooler instructs the printer to change its Type to LaserShared; thereafter, the printer only responds to NBP LkUps with Type LaserShared which coincidentally only spoolers with Bypass disabled typically use. This forces users wishing to print to a printer having a Type of

LaserShared to use the spooler that captured it. However, since the bridge does not pass any packets to devices except to those with a Type of LaserWriter, the spooler on Ethernet will not be able to access the printer either.

To recover from a spooler changing the printer Type to LaserShared, power the printer off and back on, delete and reinstate the print queue with Bypass printing enabled or use one of the other workarounds above.

Note:

This applies to all versions of LaserWriter Bridge up to and including v2.0.1.

Article Change History:

14 May 1996 - Added workarounds.

16 May 1995 - Added version number to title.

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