Tech Info Library

LaserWriter 16/600 PS: BootP Requires Same Subnet (12/94)

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DISCUSSION ---

The LaserWriter 16/600 manual states that you must use the bootp software from a
computer on the same subnet as the printer. I am using a Wellfleet's router
that has the ability to interpret bootp communications, so does this negate the
manual's statement or is the same subnet a hard and fast requirement?

DISCUSSION --

You must follow the manual, and use a computer on the same subnet as the
printer. This must be done because the Wellfleet router listens on port 67 for
BootP requests, and the Laserwriter 16/600 PS printer sends out a BootP request
using port 68. This is a broadcast message, so the printer sends out a broadcast
message to address 255.255.255.255, this is also called a limited broadcast
address, any datagram which is destined for the limited broadcast address is
NEVER forwarded by a router under any circumstance. It only occurs on a local
physical cable.

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