Tech Info Library

Chooser: NBP LaserWriter Lookup Information

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Security:       Everyone
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TOPIC ---

This article discusses the performance of NBP lookups by the Chooser.

DISCUSSION --

Chooser broadcasts are performed when an AppleTalk device is selected from the
Chooser.

In the case of the LaserWriter, the Chooser does an NBP lookup or a broadcast
request every 1.47 seconds five times. At the end of each set of five NBP
lookups, the LaserWriter begins another set of five NBP lookups. Each set
corresponds to a unique NBP ID number.

The function of the ID and associated set of five NBP lookups is to allow for
incomplete transmission of replies. The time period and retry values for
AppleTalk devices are found in the -4096 GNRL resource of AppleTalk drivers.
The LaserWriter uses $0B05. This means 11*8 ticks (Tick = 1/60th of second) for
time intervals between lookups and five retries per NBP lookup or broadcast
request.

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