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SNA•ps: Configuring for Fewer than 5 LUs with Coax

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TOPIC -----

How do I configure SNA•ps 1.1 3270 for use on a coax line that has fewer than five LUs defined (for instance, two display LUs and one printer LU)?

DISCUSSION -----

You need to create a configuration file so that the gateway "knows" how to set itself up to correctly present the LUs to the AppleTalk-based clients. Here's how:

- 1) If you're using SNA•ps 3270 (standalone), follow these steps:
 - a) Run the SNA•ps Manager program.
 - b) Select NEW CONFIGURATION and COAX, and the program will tell you that you have 5 Display LUs and 0 (zero) Printer LUs.
 - c) Continue with step 3.

- 2) If you're using SNA•ps 3270 Gateway (8/32/64), follow these steps:
 - a) Run the SNA•ps CONFIG program.
 - b) Select NEW CONFIGURATION and COAX, and the program will tell you that you have 5 Display LUs and 0 (zero) Printer LUs.
 - c) Continue with step 3.

- 3) Type into the DISPLAY LU box the MAXIMUM number of display LUs currently defined for this coax line (in this case, type 2). Please notice that the number of available printer LUs automatically goes to 3 (2 + 3 = 5).

You'll notice that no matter what number you type into this box, it will always force the complementary LU setting to balance to a total of 5 LUs. It does this even though it isn't an accurate reflection of the display and printer LUs actually defined on the coax line (3 in this case).

If you configure the coax line for one printer LU, the program forces the number of display LUs to 4. But if you actually have 2 display LUs and one printer LU defined on that line, the SNA•ps 3270 terminal emulation program tells you that there are 3 display LUs. If you try to connect to the

"third" LU, you don't get a connection to an "expected" display LU complete with host splash screen. If you now run the SNA•ps 3287 printer emulation software, it can't find the printer LU.

By configuring the gateway for 2 display LUs (thereby forcing the printer LUs to 3), SNA•ps 3270 will find the 2 display LUs and the SNA•ps 3287 program will find the single defined printer LU.

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