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LW Pro 810: Set Up In RPRINTER Mode For Netware 4.1 (5/95)

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TOPIC ---

How do I set up a LaserWriter Pro 810 in RPRINTER mode on a Netware 4.1 server?

DISCUSSION --

Here is the NetWare v4.10 LaserWriter Pro 810 QuickStart

Summary
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• Create a print server.

• Create a printer from within the print server configuration menu options.

• Create a print queue from within the printer configuration menu options.

• Turn printer off and then back on to have changes take effect.

QuickStart
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Step 1

Turn printer off, then on, and retrieve the printer's startup page.

Step 2

Type SET BINDERY CONTEXT at the server's console prompt, to ensure that the
context has been set. Write the context down, as it will be needed later.

Step 3

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Login to a file server from a DOS client using the Admin account.
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Step 4

At the DOS prompt, type PCONSOLE, and press Enter.

Step 5

Use the arrow keys to highlight Change Context in the menu, and press Enter.

Step 6

Change the PCONSOLE utility's context to match the context set on the server
(what you wrote down earlier), by pressing the Insert key, and selecting the
correct context.

Step 7

Use the arrow keys to highlight Print Servers in the menu, and press Enter.

Step 8

Press the Insert key, then type a descriptive name for your print server. This
can be any name but in general you should be able to glance at the object and
know what it's purpose is. IE: "810_Server".

Step 9

Select the name of the print server you specified in the previous procedure and
press Enter.

Step 10

Use the arrow keys to highlight Printers in the Print Server Information menu,
and press Enter (this will let you configure the new print server).

Step 11

Press the Insert key to display printers in your current context in the NetWare
Directory Services tree.

Step 12

Press the Insert key to create a new printer in the NetWare Directory Services
tree (the context listed at the top of the screen should still list the server's
bindery context that was set earlier, if not, change to the correct context
before creating the printer!).

Step 13

At the prompt, type the new printer name and press Enter. The printer name
"must" be the virtual printer name that is displayed under virtual printers when

you print the startup page. The name beginning PSL20N.... is the postscript
Virtual Printer. The name beginning LJL20N.... is the PCL4 Virtual Printer.

Step 14

Select the name of the printer you specified in the previous procedure and press
Enter (this will add the printer to the Serviced Printer list of the print
server).

Step 15

From the Serviced Printers menu list, select the name of the printer you
specified in the previous procedure, and press Enter. This will bring up a
Printer Configuration menu.

Step 16

From the Printer Configuration menu, use the arrow keys to highlight Printer
type, and press Enter.

Step 17

From the Printer Type menu, use the arrow keys to highlight Other/Unknown, and
press Enter. This will make your selection active, and bring you back to the
Printer Configuration menu.

Step 18

If most of the printing to this printer will be Postscript, and not PCL, then
from the Printer Configuration menu, use the arrow keys to highlight Banner
type, and change the banner type from Text to Postscript. This will limit the
number of times the printer will have to switch modes between PCL and
PostScript.

Step 19

From the Printer Configuration menu, use the arrow keys to highlight Print
queues assigned, and press Enter. This will bring up the Print Queue menu list.

Step 20

Press the Insert key to display print queues in your current context in the
NetWare Directory Services tree. For this example, we will create a new queue.

Step 21

Press the Insert key to create a new print queue in the NetWare Directory
Services tree (the context listed at the top of the screen should still list the
server's bindery context that was set earlier, if not, change to the correct
context *before* creating the print queue!).

Step 22

At the prompt, type the new queue name and press Enter. You will then be asked
for the NetWare volume to store your NetWare print queue jobs on. With NetWare
v4.xx, the NetWare queue does not have to exist on the SYS volume -- you can
place the queue on any volume you want. Use the insert key to select the volume
from the directory tree (you may need to navigate to a different context to
select the volume desired).

Step 23

Select the name of the queue you specified in the previous procedure and press
Enter (this will add the queue to the Print Queue list of the printer).

Step 24

Press the Escape key until you are prompted to save your changes.

Step 25

Start PSERVER on your 4.1 File Server by typing "LOAD PSERVER <Print Server
Name>"

Step 26

Turn the printer off, and then back on again, to initialize the printer, and
have it connect to its printer definition within NetWare.

Step 27

Submit a print job to the printer to ensure it is working. If printing from a
PC, it is highly recommended that you use the FONTLIST.PS file in
SYS:SYSTEM\NW-MAC\PSUTILS, since it is a known good file, and you will not add
additional variables like misconfigured applications or drivers. Once you know
that printing is working through the queue, you can use more complex print
setups to ensure your environment is configured correctly.

Note:

These series of steps is only one of many ways that can be used to create the
same configuration. For example, rather than creating all the printers and print
queues from within the print server main menu option, many administrators may
choose to create the queues and printers from the main menu options first, then
connect the queues and the printers to the print server afterward. The same
result will be reached in each case, as long as the information in each entry is
entered the same way in whatever approach is taken.

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