

DP-100/DP-300 LPD Printing Under Netware5.0 Environment

By Allen Hwang,

Jan. 29, 1999

Introduction:

Netware 4.x does not support LPD printing. In Netware 5.0, the LPD printing is supported. This document will guide you to setup a print server (DP-100/300) to work with Netware5.0 under IP protocol only environment.

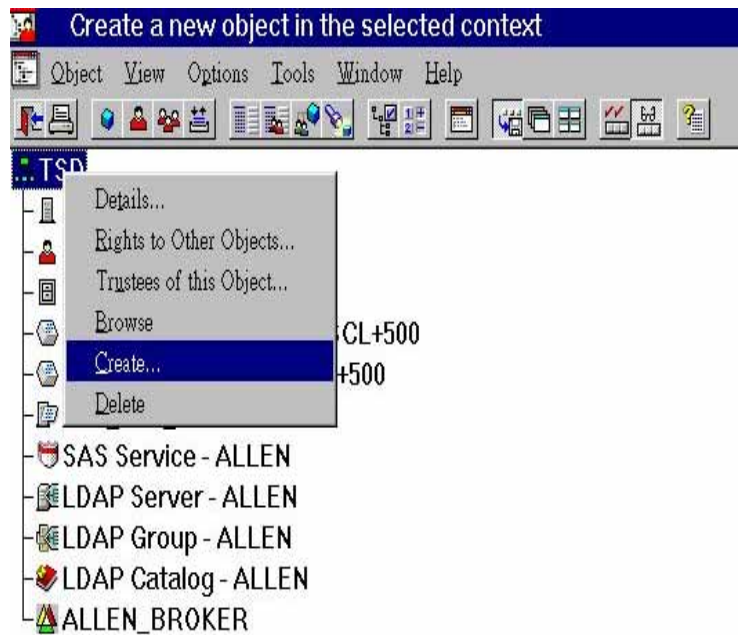
Requirement:

1. You need a Win95/98 machine on the network with SPX/IPX protocol and Client for Netware Networks (or Client32).
2. You must have supervisor/administrator access right on the Netware 5.0 server.
3. In the following document, it is assumed that the settings in Novell Server are:
 - Server Name = Allen
 - Tree Name = D-Link
 - Organization = TSD
 - CN = Admin.TSD

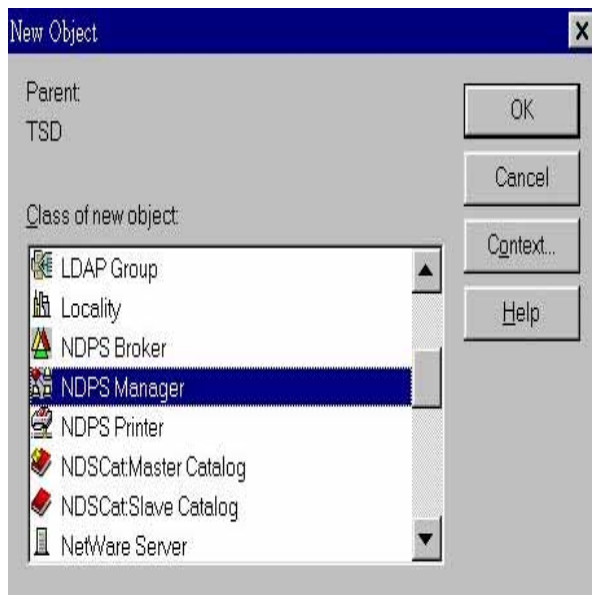
Procedure:

Step 1. Create a NDPS Manager Object

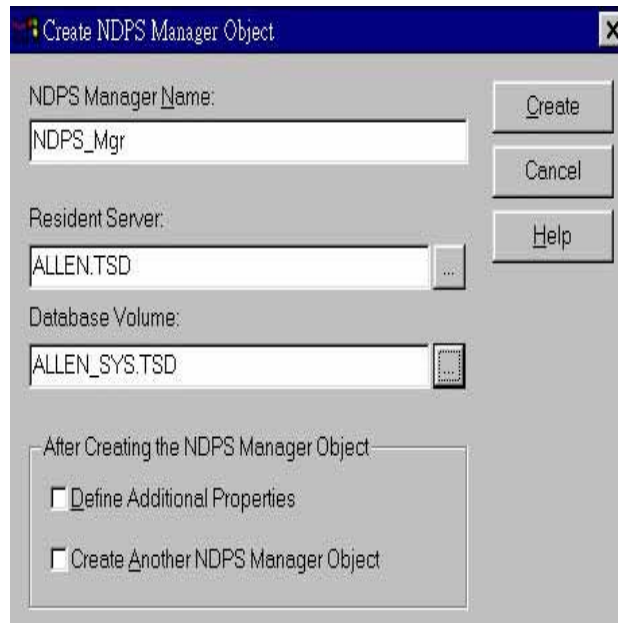
- 1.1 Start your Novell Client under Windows95/98, and Login to Netware5.0 as Admin.
- 1.2 Execute “**Nwadmn32.exe**” located in **Allen/SYS:\Public\Win32**.
- 1.3 Click the Tree, click the right button of mouse, and select “Create an NDPS Manager object,” as shown below:



1.4 Select NDPS Manager, then click “OK.”



1.5 Type a name in NDPS Manager Name (e.g., NDPS_Mgr). Browse the “Resident Server and Database Volume” and assign the correct server and volume (that is, “Resident Server= Allen.TSD”, “Database Volume= Allen_SYS.TSD” in this case).



1.6 Click “Create.”

Step 2. Load NDPS Manager service in Netware5.0

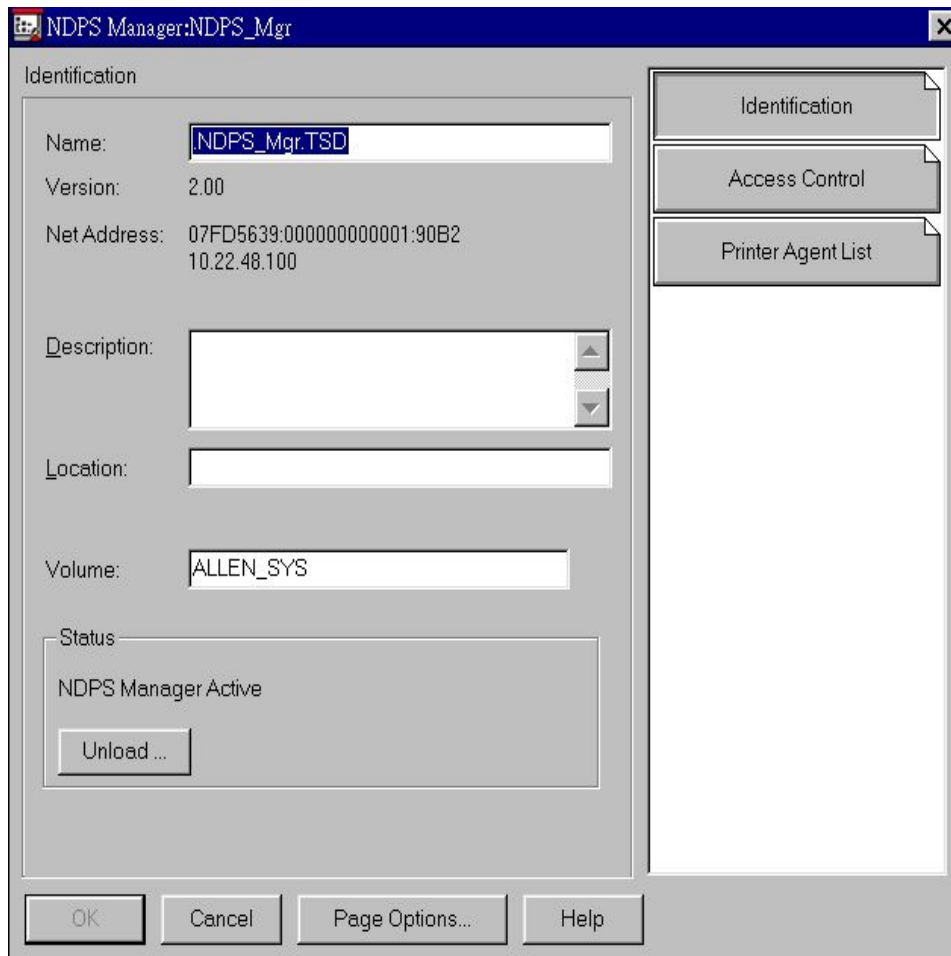
2.1 Type “NDPSM” on Netware Server’s console and select NDPS Manager object (e.g., NDPS_Mgr).

Note: To autolaod the NDPS Manager object, please add the following line to the AUTOEXEC.NCF file.

Load NDPSM NDPS_Mgr.TSD

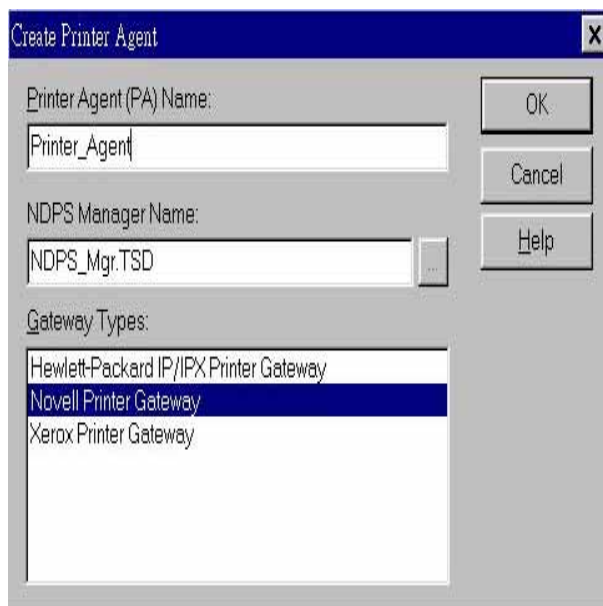
Step 3. Create a “Printer Agent in the NDPS Manager Object” by using Netware administrator.

3.1 Double-click the NDPS Manager object.



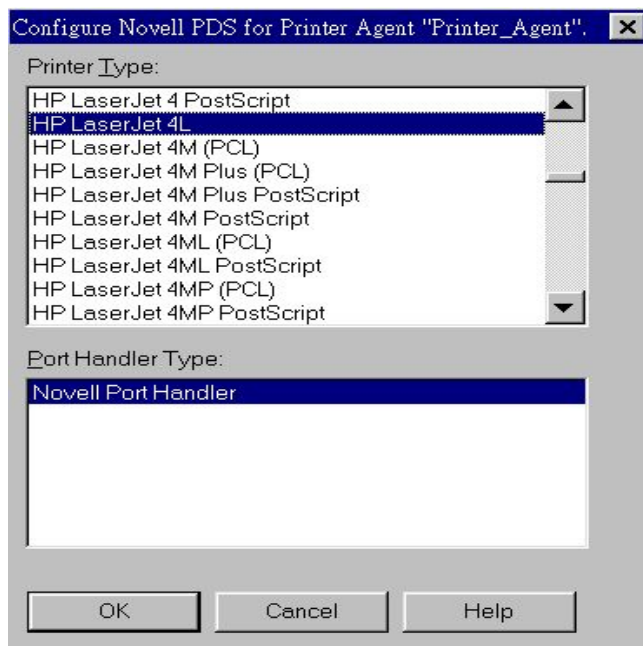
3.2 Click the Printer Agent List, then click “New”.

3.3 Type NDPS Printer name (e.g., Printer_Agent), then select “Novell Printer Gateway” in Gateway type.



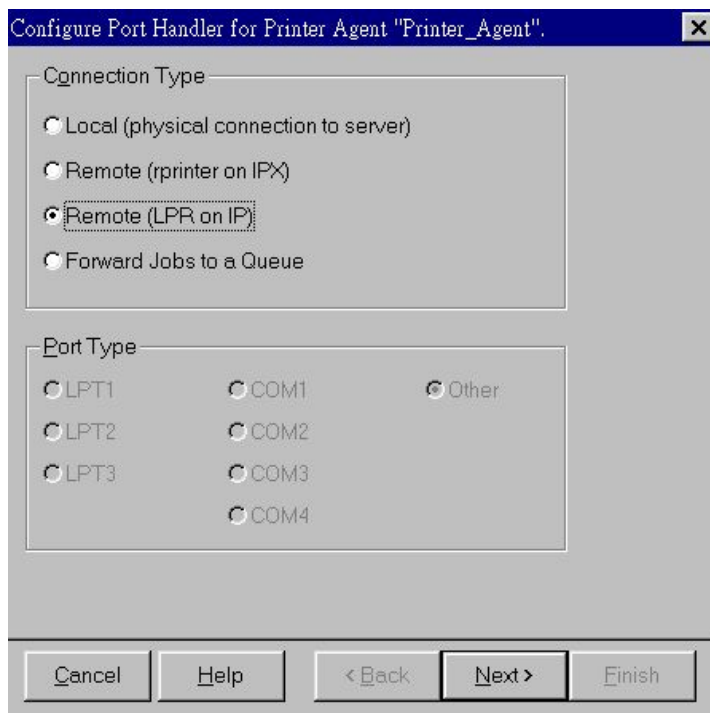
3.4 Click “OK”

3.5 Select the driver (or a compatible driver) of your printer.



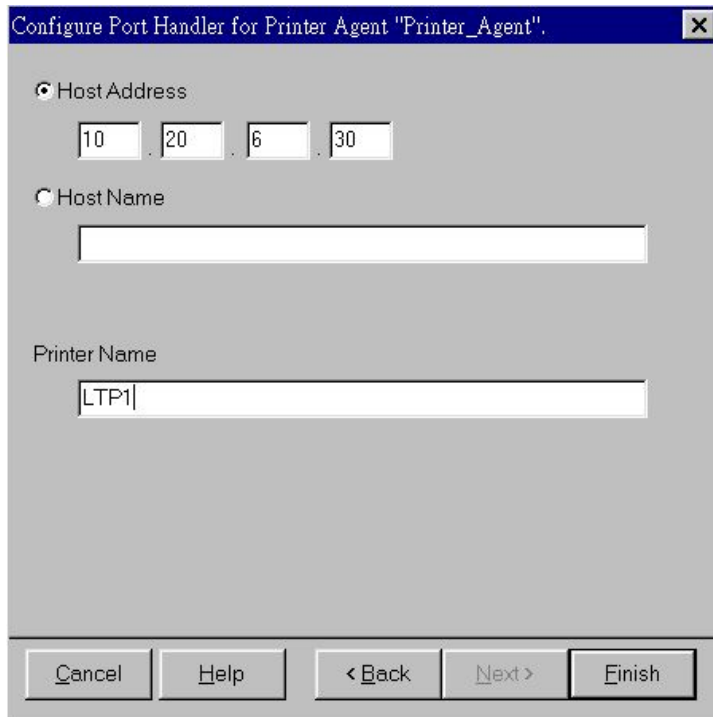
3.6 Click "OK."

3.7 Select Remote (LPR on IP) in the Connection Type.



3.8 Click "Next."

3.9 Assign "Host Address" as the IP of Printer Server and "Printer Name" as the Port Name of Printer Server.



Configure Port Handler for Printer Agent "Printer_Agent".

☒ Host Address

10 . 20 . 6 . 30

☐ Host Name

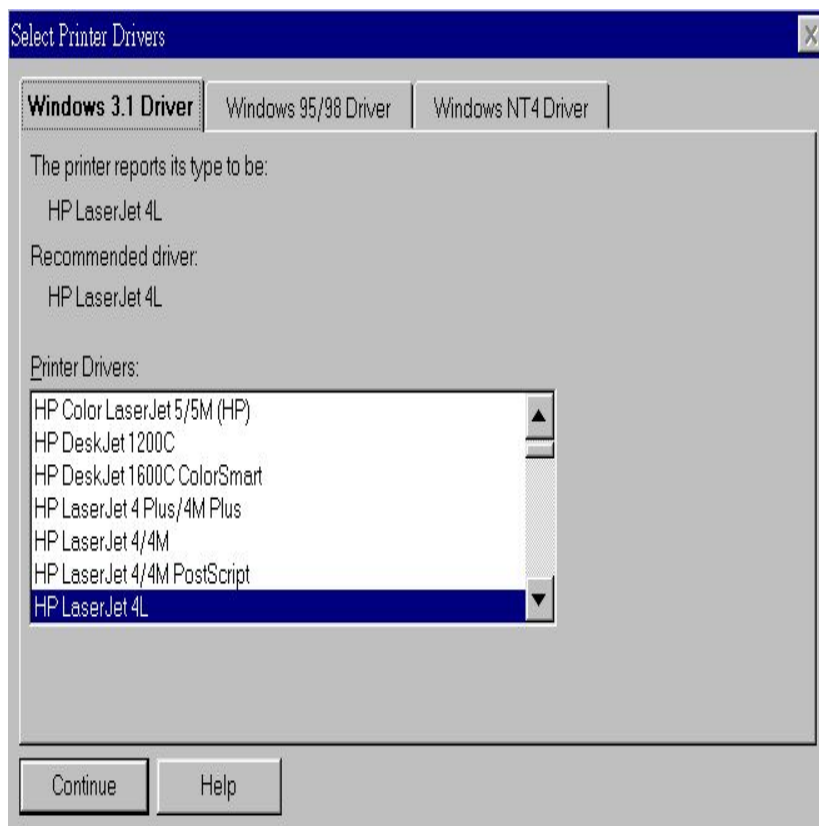
Printer Name

LTP1

Cancel Help < Back Next > Finish

3.10 Click "Finish."

3.11 Select the driver (or a compatible driver) for Windows3.1, Windows95/98 and Windows NT4, respectively.



Select Printer Drivers

Windows 3.1 Driver Windows 95/98 Driver Windows NT4 Driver

The printer reports its type to be:

HP LaserJet 4L

Recommended driver:

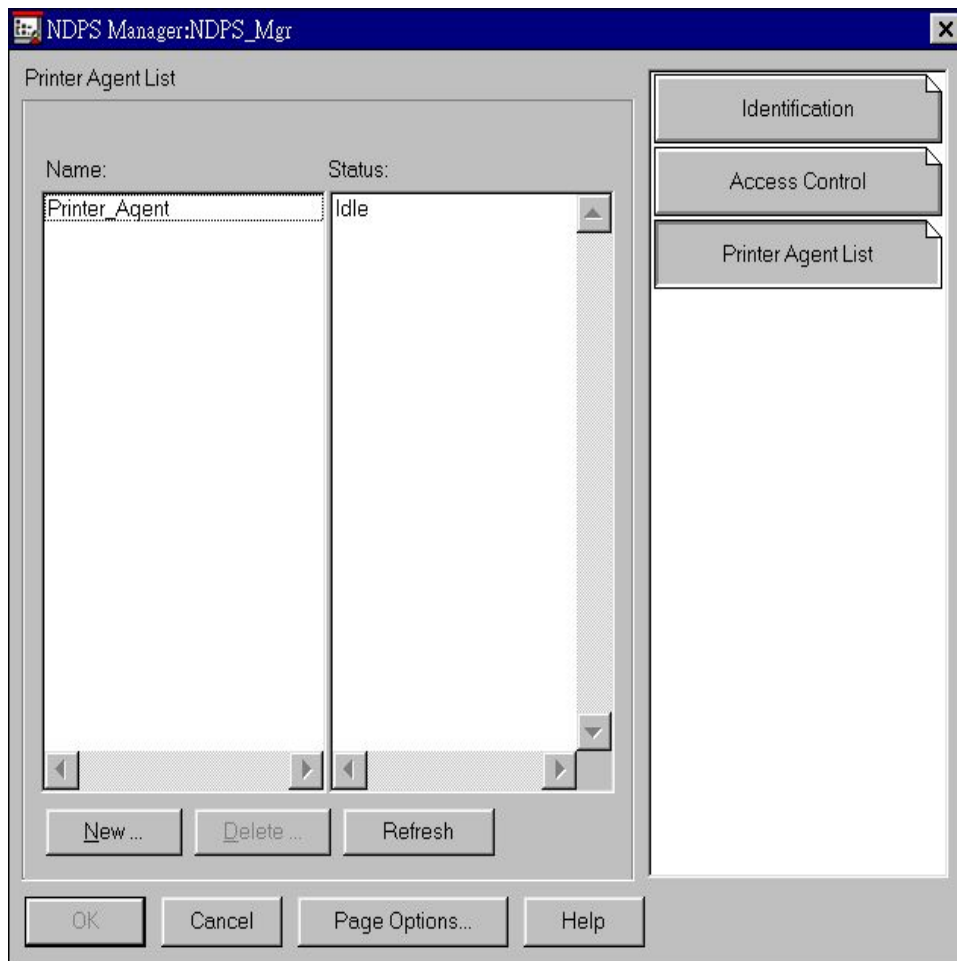
HP LaserJet 4L

Printer Drivers:

- HP Color LaserJet 5/5M (HP)
- HP DeskJet 1200C
- HP DeskJet 1600C ColorSmart
- HP LaserJet 4 Plus/4M Plus
- HP LaserJet 4/4M
- HP LaserJet 4/4M PostScript
- HP LaserJet 4L

Continue Help

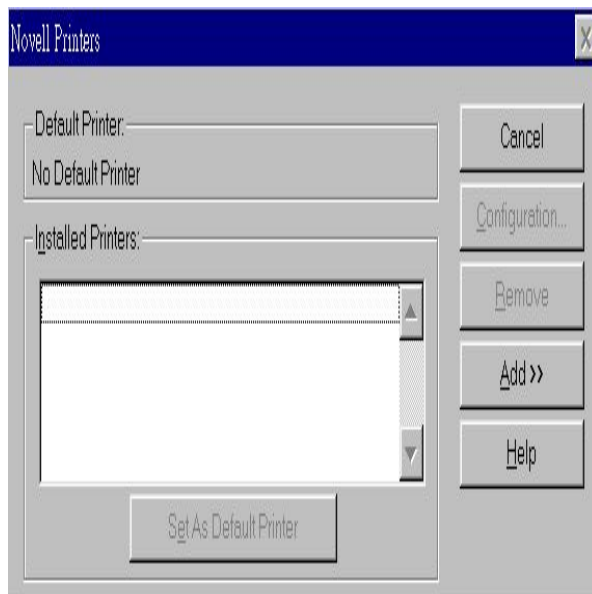
3.12 The new Printer Agent will now appear in the Printer Agent Windows.



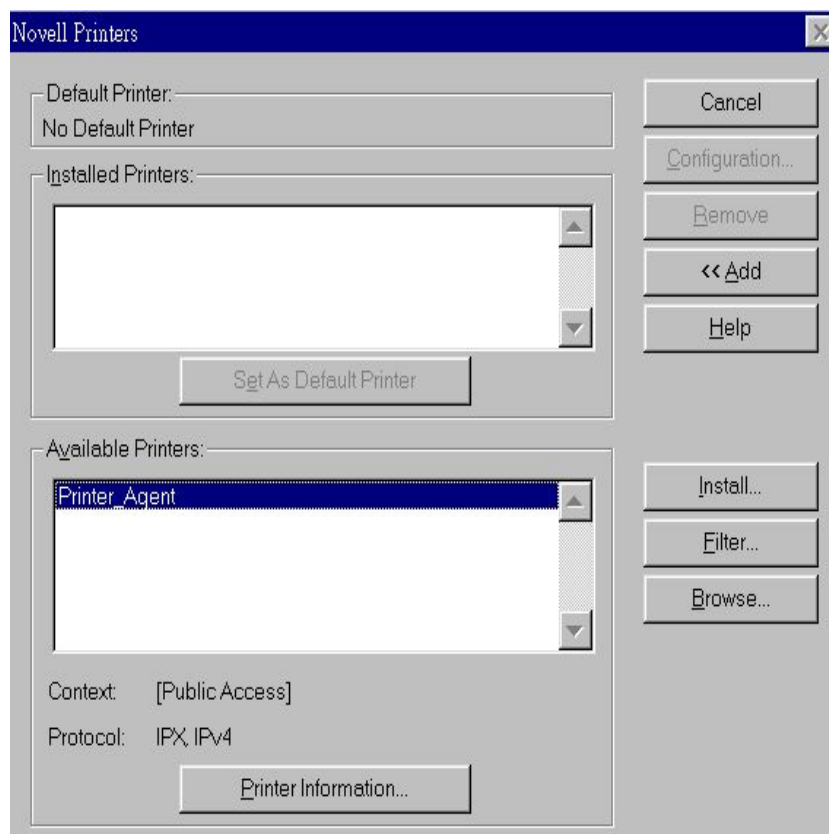
3.13 Now, you have created a Public Access Printer successfully.

Step 4. Install a Novell Printer on your (IP protocol only) workstation. (Note: Installing Novell Client32 for Windows95/98 on each workstation using NDPS is a must.)

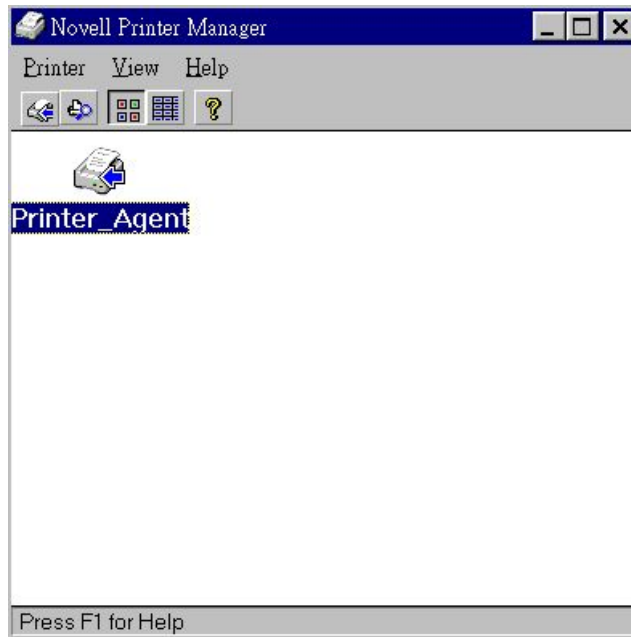
4.1 Execute "Nwpmw32.exe" on Novell Client for Windows95/98 located in "Allen/SYS:\Public\Win32".



4.2 Click “Add,” select a printer and install (e.g., Printer_Agent). Close the windows.



4.3 The Printer (e.g., Printer_Agent) appears in the main Printer Manager windows and is available for print jobs.



4.4 Now, you can see an available printer under “My Computer->Printer” of Windows95/98. Please print a test page to confirm the printer is available.