

At points in this exercise you will be directed to paste an image of the active window into your document. This requires using **Alt-Print Screen** to copy the window show the desired result to the clipboard. Use the paste button to paste the contents of the clipboard into your document..

In a Word or WordPad document for each step below identified with a ✓ : show the step number and an image of the appropriate window or windows.

In your domain:

Printer attached to Server

Since a printer is not attached to every server in lab, you cannot completely test the installation. However, you will complete all steps necessary to print with the exception of printing.

Note, the printer drivers and HP Jet Admin are located on the lab NT server.

Creating the Printer Share:

<i>Step</i>	<i>Action</i>	<i>Show</i>
1	The following is to be completed in the PDC. Login as Administrator in NT with no password	
2	Create a drive map to \\be174ntprime\lj582 . This directory contains the printer drivers.	✓
3	Start->Run. Select the drive map. Browse to DISK1. Execute Setup.	
4	Perform a Custom Install. Follow the directions from the HP Printer Wizard. The printer model is HP 4050N.	
5	After the installation create a printer share named HP01D## where ## is your domain number. This step may also be accomplished during the installation.	
6	When creating the share note the alternate drivers installed. Notice that the Windows NT 4.0 x86 driver is installed.	
7	Using the Properties window for the printer, show the Sharing tabs	✓
8-9	Use Wordpad to test.	
10	Since no printer is physically attached, an error may arise. In any case, cancel printing.	

Remote printing in the same domain:

<i>Step</i>	<i>Action</i>	<i>Show</i>
11	In the Printer Panel of the BDC, start the Add Printer wizard.	
12	Select a Network Print Server.	
13	Browse to the Printer Share created on the PDC.	
14	Show the property tabs for this printer.	
15	Observe the difference in this installation compared to the installation on the PDC. Why is this install different?	
16	Use Wordpad to print a test page.	
17	Wait for the Messenger error dialog box to show up on the PDC as a result of being unable to print from the BDC	✓
18	What can you surmise about the print process between the client (where you print from) and the server (where the printing occurs)?	

Remote printing in a different domain:

<i>Step</i>	<i>Action</i>	<i>Show</i>
19	Enable Guest account in User Manager In User Rights, add "Log on Locally" for Guests Login in as Guest.	
20	Attempt to create a printer as in the above. What happened?	
21	Log in again as Administrator. Set up a trust relationship with the domain containing the printer. The trusting domain (with printer) trusts the trusted domain (without printer)	✓
22	In the domain with the printer, browse to the Security tab in the printer properties.	
23	Change permissions. Add the Guest of the trusted domain.	✓
24	Ensure that Guest in the Trusted Domain should have print privileges.	
25	Login as Guest on the other domain. Add a Network Printer this time and try to print from Wordpad	
26	What are your conclusions?	

Printer attached to network:

The HP LaserJet 4050 has a print server card installed (called a Jet Direct card). Every printer manufacturer provides a print server card allowing connection to the printer.

We will use the Jet Admin software to install a printer port on the server. The printer port is required for the server to communicate with the network-attached printer.

Creating the Printer Share:

<i>Step</i>	<i>Action</i>	<i>Show</i>
28	The following is to be completed in the PDC.	
29	Map a network drive to \\be174ntprime\JetAdmin Select Start -> Run. Browse to the drive you mapped. Start Setup.	
30	Follow the instructions to install full Jet Admin package. Perform Custom Install.	
31	After completing the install, reboot.	
32	In the Printers Panel of your server, start the add printer wizard. Choose My Computer	
33	When directed to assign the printer to a port, click Add Port .	
34	Select HP Port and click New Port.	
35	Select Easy Setup , click Next. Click on the Printer List Button. Select the printer that appears. Choose defaults to complete adding the port.	
36	When directed by the Add Printer Wizard to select a printer type, click Have Disk and browse to the directory containing the printer drivers. \\be174ntprime\LJ582\Disk1 Choose defaults to finish Adding Printer (except the test page)	
36B	Create a printer share named HP02D## where ## is your domain number.	
37	Complete the installation.	
37	Using the Properties window for the printer, show the tab Ports.	✓
38	Use Wordpad to test printing for the same domain and from different domains. Document your test and conclusions where appropriate.	