

How to Configure a JetDirect for a NetWare Office

1. Create print queue, printer, and print server in NWAdmin
2. Run JetAdmin. These directions were written for JetAdmin v3.40 for NT.
3. Find the new printer
 - In the left pane, choose **IPX/SPX Devices**; to update the list (otherwise the new printer will not appear in the list)
 - Find the new printer in the list. They generally start with NPI. If the new printer doesn't appear:
 - Try **Device|New** and see if it appears there (use a Self-Test page to find out the MAC address); if it does, select it and **Configure**. From here it just takes you through the steps listed below under "Configure the new printer".
 - If the printer is on a different subnet (i.e. at the lab), you'll have to take extra steps to see it. (It may show up under **Device|New**, but you won't be able to configure it.)
 - **Options|Preferences, TCP/IP Discovery tab, Advanced button**
 - **Remote Subnet Searching**
 - **Directed Broadcast** (this is less bandwidth-intensive)
 - Type the subnet address and **Add**. You can type the actual IP address of the JetDirect if you're not sure what the subnet is. The IP address appears on the Self-Test page.
 - your way out.
 - At the JetAdmin main window, to update the device list. It'll take longer than usual. Chances are the new printer still won't appear; in that case, try **Device|New** (see above).
 - Note that the subnet address you added will now stay in JetAdmin forever. This is OK if you want to be able to administer this printer in the future and you can live with the slower list refresh. Otherwise, go back in and remove the subnet address.
4. Configure the new printer
 - on the printer; **Modify**
 - Enter print server name exactly as it appears in NWAdmin (e.g. XXX_PS); **Next**
 - the **Netware Directory Services** button; under NDS Tree Name, select Hanet; the print server context should fill in by itself (OU= Boston.O= Haleyaldrich)
 - the **Operating Mode** button; select Queue Server mode
 - the **Queues** button; then **Change**. Choose BOS, find the queue, **Add**; ; **Next**
 - Leave DHCP selected; **Next**
 - Leave the optional items blank; **Finish**; to save
 - on the printer; **Properties**; select the JetDirect tab
 - the **Advanced** button; un- all
 - the **Protocol Stacks** button; turn off all but IPX. (If this JetDirect is on a different subnet, leave TCP/IP turned on.)
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5. Test: Connect to the queue and print something. Fairly often, this will fail. The job will go into the queue, but the queue will say it's waiting for the print server. If this happens, you'll have to delete and recreate the queue, printer, and print server objects in NWAdmin. See New_Q.doc in the same folder as this document.