Customer Tips

… for the user

Scanning with TCP/IP in Novell 5.x, 6.x Using Web Templates

Purpose

This document contains the procedure to set up scanning in a Novell 5.x or 6.x environment using TCP/IP. The procedure requires that Novell FTP is loaded and running on the server.

Note: This Customer Tip is only a guide. Every network is different. If the procedures are not written for your environment, use them as a guide to configure your network.

Network Setup

This section describes how to create a user name and the home directory for the device to scan to the Novell server using FTP.

Open the NW Admin application located in the sys\public\win32 folder on the Netware server.

1. Right click on the container and choose **Create**. In the **New Object** box, choose **User**. Select **OK**.
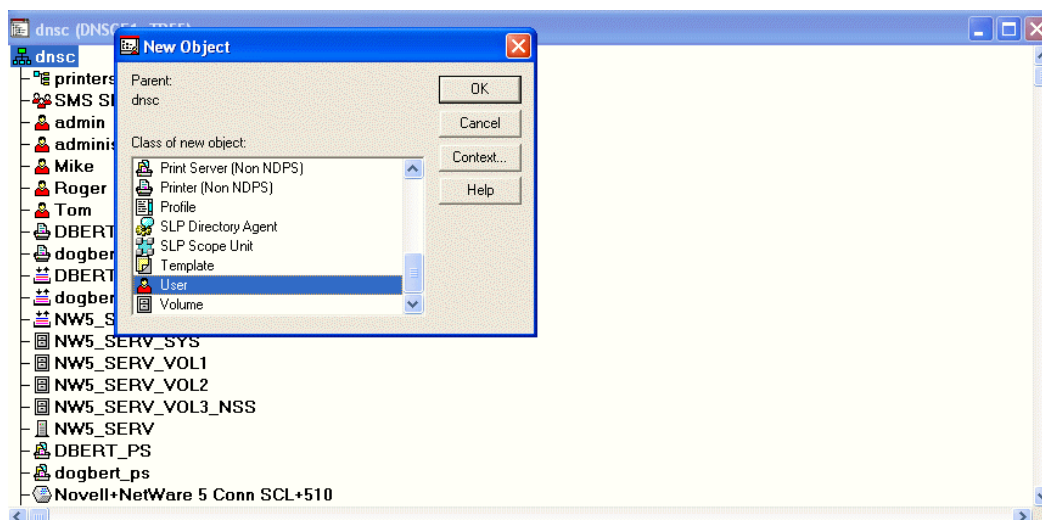

This document applies to these Xerox products:

x	WC Pro 232/238/245/255/265/275
	WC 232/238/245/255/265/275
x	WC Pro C2128/C2636/C3545
x	WC Pro 165/175
	WC M165/M175
x	WC Pro 32/40 Color
x	WC Pro 65/75/90
x	WC Pro 35/45/55
	WC M35/M45/M55
x	DC 555/545/535
x	DC 490/480/470/460
x	DC 440/432/425/420

2. Enter the login information, check the **Create Home Directory** box, and check **Define additional properties** box. Make sure the **Home Directory** name is the same name as the **Login name**. Select the **Browse** box.
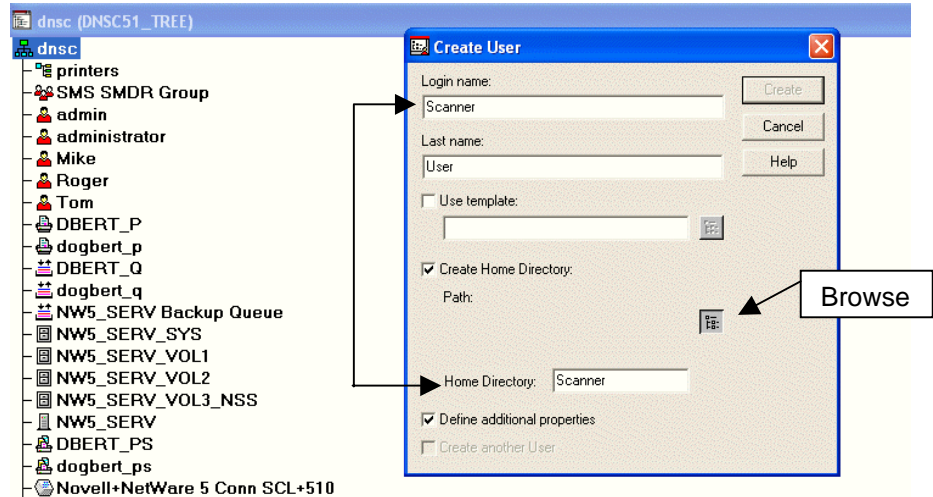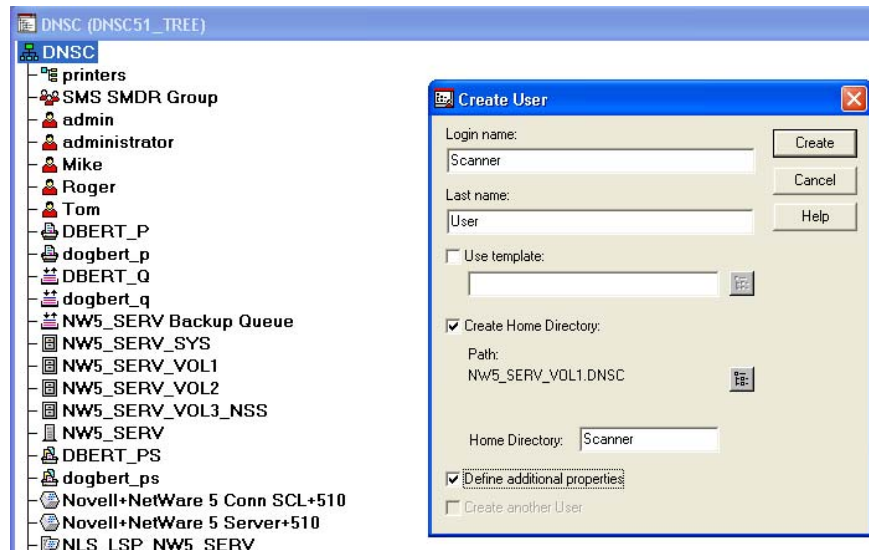

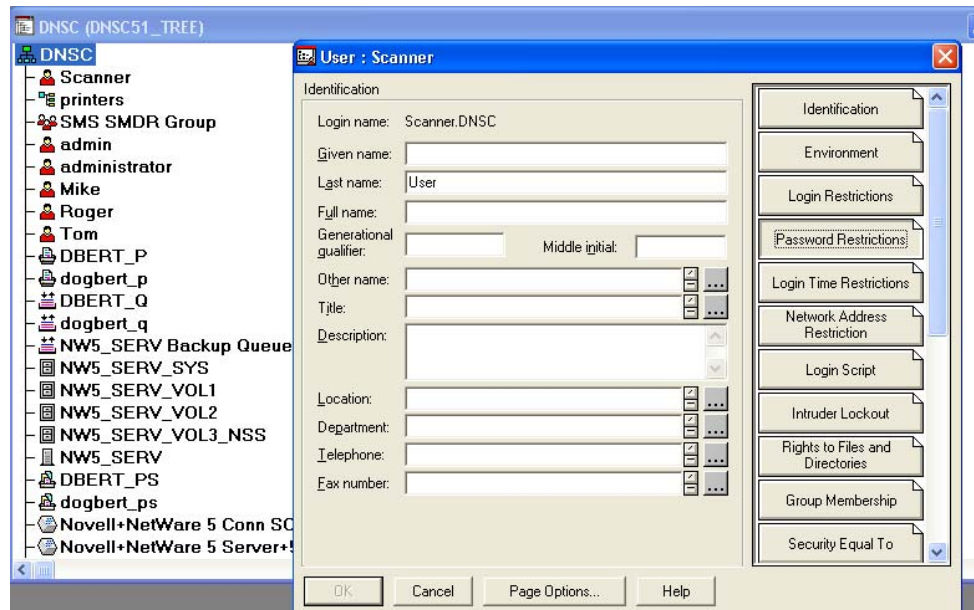3. Choose the volume where you want the home directory to reside. Select **OK**.

   Note: Create a Home Directory to assure correct rights are assigned, and that the user and the scan folder are in the exact same container.
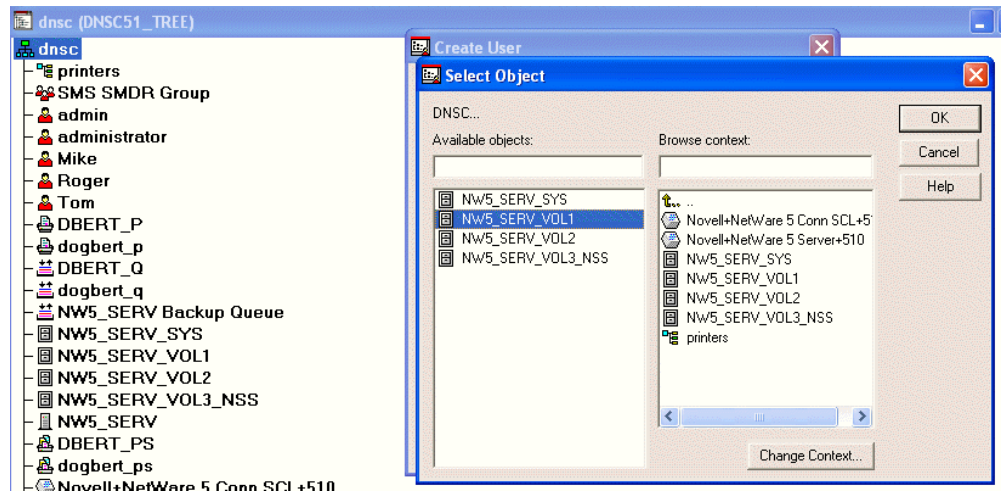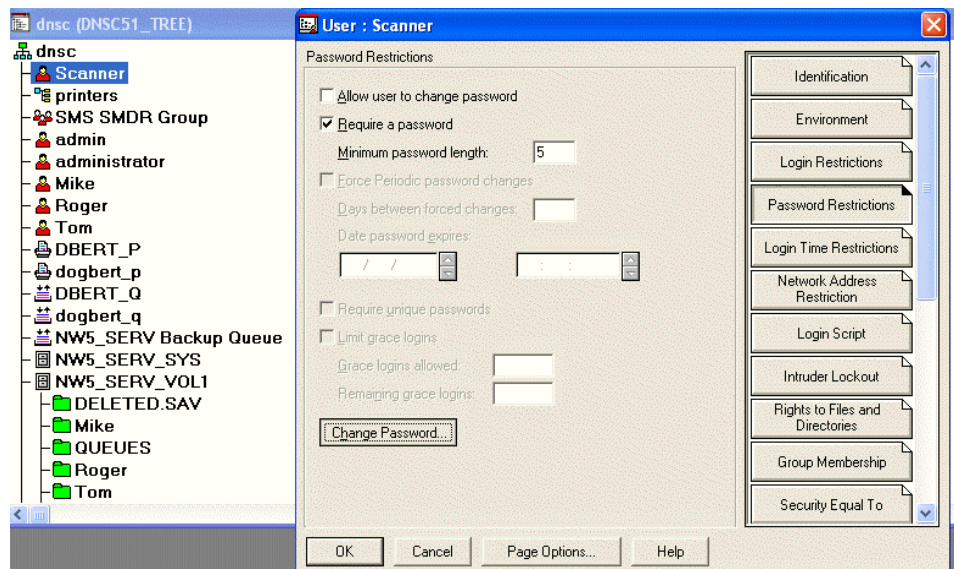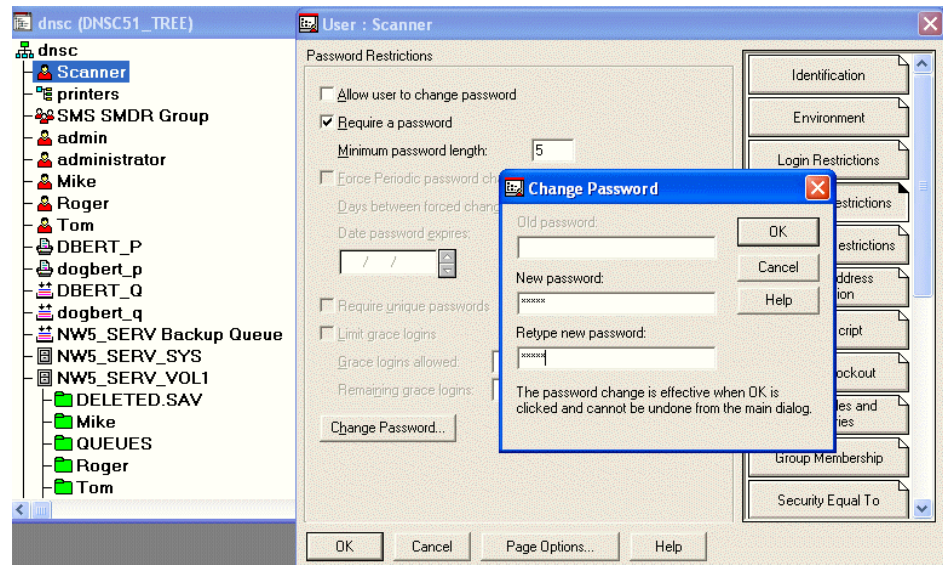

4. Select **Create**.

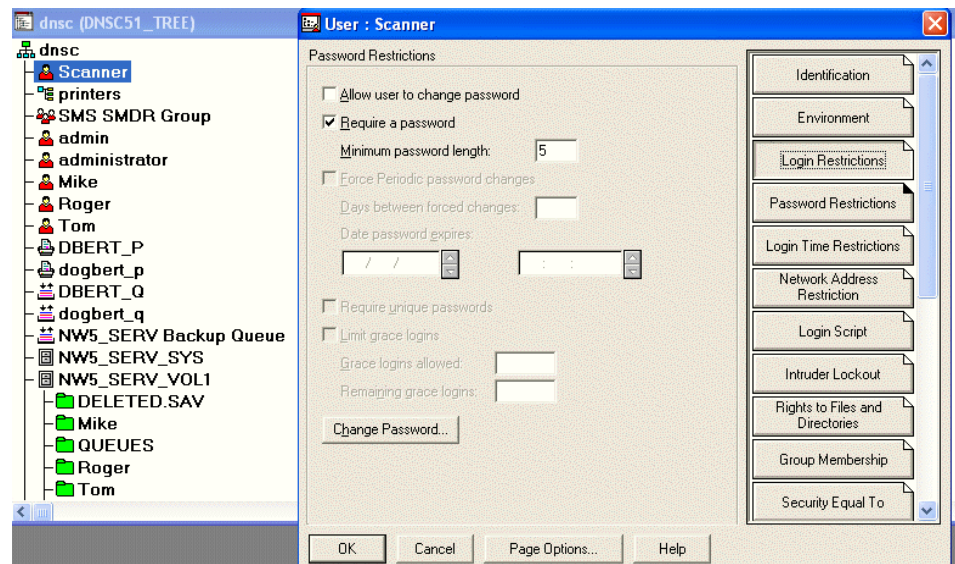5. Select **Password Restrictions** from the tabs on the right.

6. On the Password Restrictions screen, check the **Require a password** box. Then click **Change Password**.
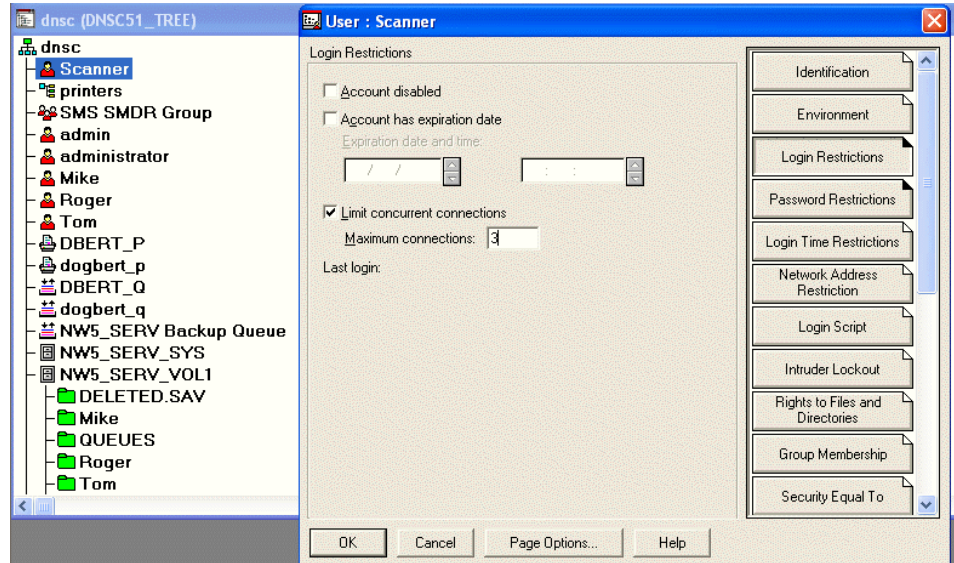
7. Enter a password and verify it. Select **OK**.

8. Select **Login Restrictions** from the tabs on the right.

9. On the Login Restrictions screen, make sure there are 3 or more concurrent logins. If the box is not checked, the connections are unlimited. The device requires 3 logins for scanning. Click **OK**.
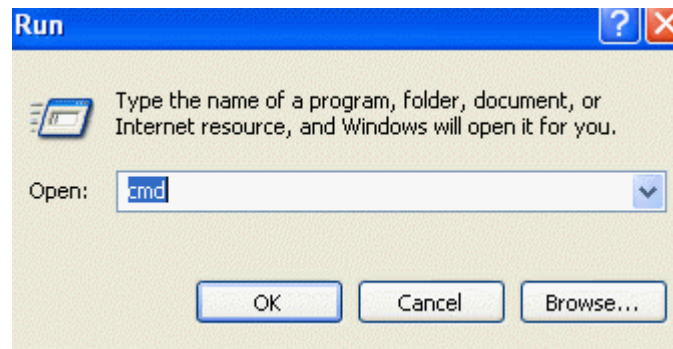

Testing the FTP Connection

The procedure in this section uses the user name and password created in the previous section to test the FTP connection to the server.
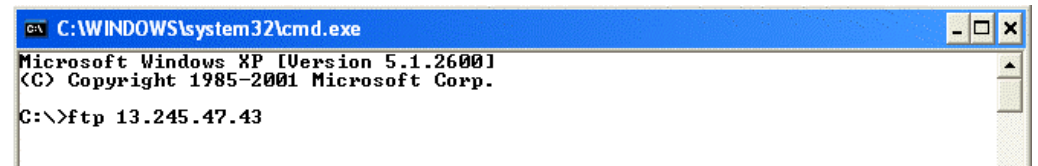
1. Open a command prompt by going to the **Start** option and choose **Run**.
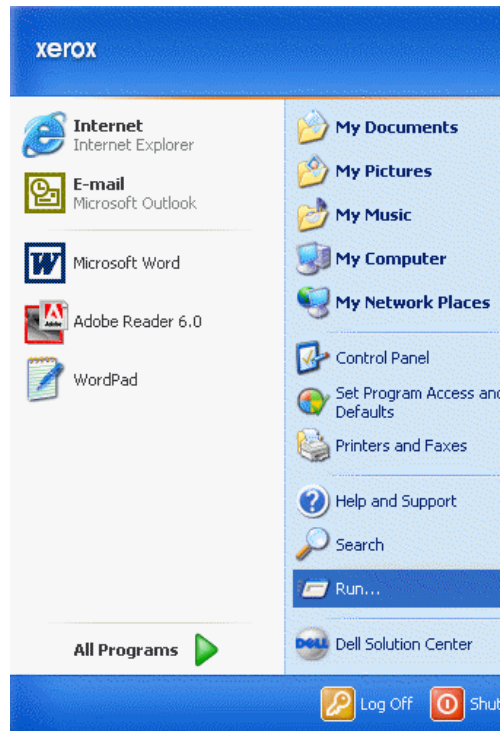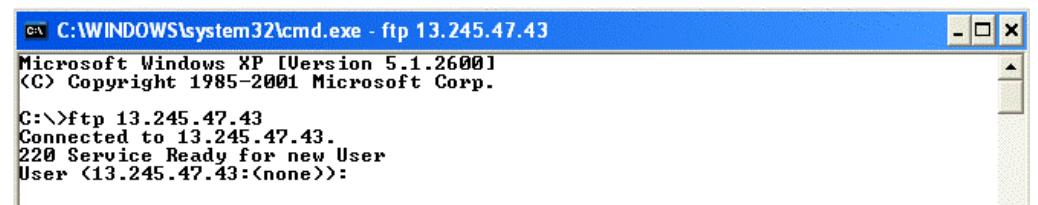
2. Type **CMD** and click **OK**.

3. A screen similar to the following one appears. Type **ftp (space) xxx.xxx.xxx.xxx**, where x is the IP address of the Novell server running the FTP service. Press **Enter**.

4. You receive a reply similar to the one in the following screen: **Connected to xxx.xxx.xxx.xxx.** (where x is the IP address of the Novell server running the FTP service).
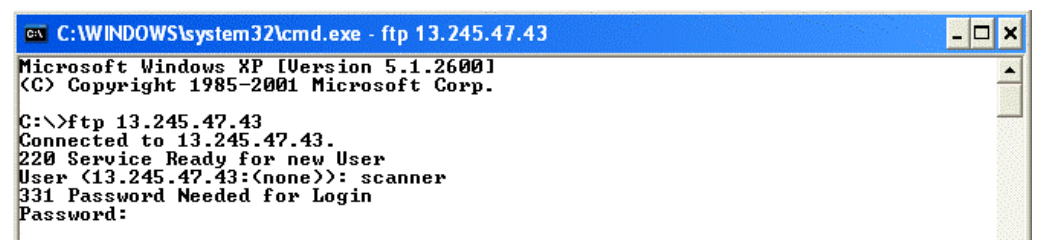

5. Enter the name of the user created in "Network Setup" step 2 (earlier in this document), and press **Enter**.
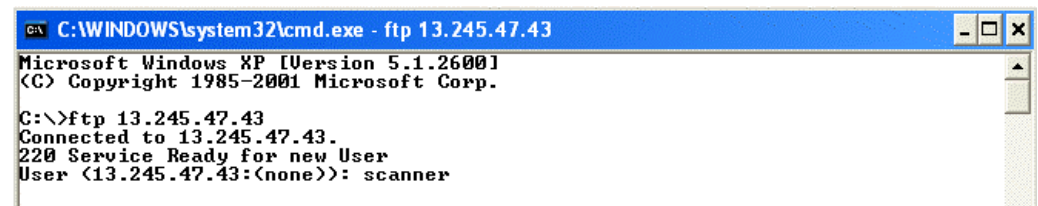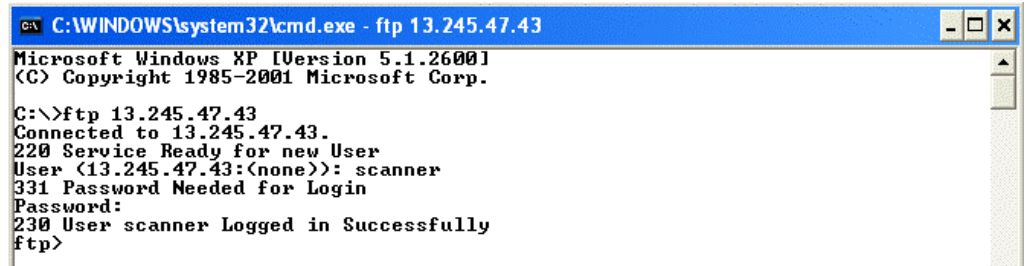

6. Enter the password of the user created in "Network Setup" step 7 (earlier in this document), and press **Enter**.

   Note: The cursor may not move when typing the password.

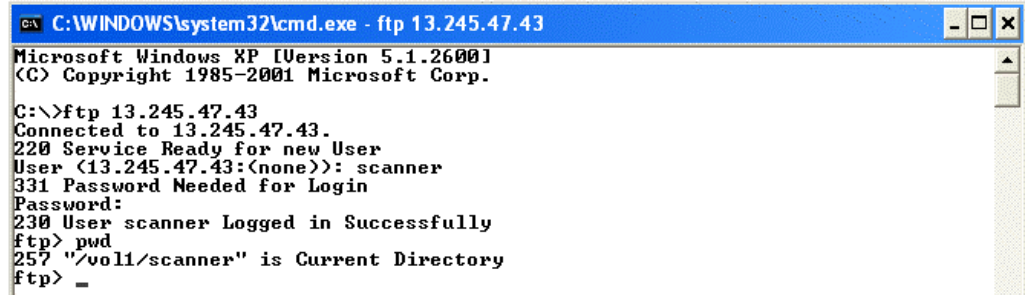7. A message appears saying the user is **Logged in Successfully**.

```
C:\WINDOWS\system32\cmd.exe - ftp 13.245.47.43                    _ □ ×

Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\>ftp 13.245.47.43
Connected to 13.245.47.43.
220 Service Ready for new User
User (13.245.47.43:(none)): scanner
331 Password Needed for Login
Password:
230 User scanner Logged in Successfully
ftp>
```

8. Type **pwd**, and press **Enter**. The current working directory is shown in quotes. In this example, the current directory is **"/vol1/scanner"**. This is the home directory of the scan user.
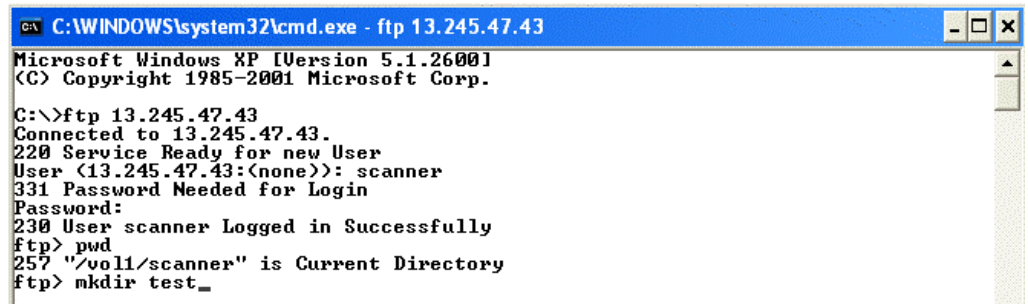
   Note: The home directory of the scan user is used to populate Document Path on the Filing Destination Web page. See "Setting Up the Scanner" step 5 (later in this document).

```
C:\WINDOWS\system32\cmd.exe - ftp 13.245.47.43                    _ □ ×

Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\>ftp 13.245.47.43
Connected to 13.245.47.43.
220 Service Ready for new User
User (13.245.47.43:(none)): scanner
331 Password Needed for Login
Password:
230 User scanner Logged in Successfully
ftp> pwd
257 "/vol1/scanner" is Current Directory
ftp> _
```
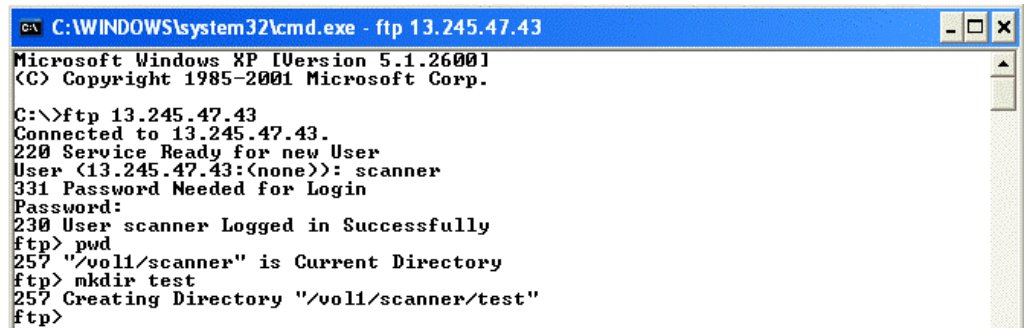
9. To test the create rights of the scan user to the home directory, type **mkdir test** to create a test folder. Then press **Enter**.

```
C:\WINDOWS\system32\cmd.exe - ftp 13.245.47.43                    _ □ ×

Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\>ftp 13.245.47.43
Connected to 13.245.47.43.
220 Service Ready for new User
User (13.245.47.43:(none)): scanner
331 Password Needed for Login
Password:
230 User scanner Logged in Successfully
ftp> pwd
257 "/vol1/scanner" is Current Directory
ftp> mkdir test_
```

10. A message appears saying the test folder is being created.

```
C:\WINDOWS\system32\cmd.exe - ftp 13.245.47.43                    _ □ ×

Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\>ftp 13.245.47.43
Connected to 13.245.47.43.
220 Service Ready for new User
User (13.245.47.43:(none)): scanner
331 Password Needed for Login
Password:
230 User scanner Logged in Successfully
ftp> pwd
257 "/vol1/scanner" is Current Directory
ftp> mkdir test
257 Creating Directory "/vol1/scanner/test"
ftp>
```

11. To test if the scan user has delete rights for the home directory, type **rmdir test** to delete the test folder. Then press **Enter**.

12. A message appears saying the test folder is removed. Type **bye** to exit the FTP service, and close the command prompt.

Note: If all of the ftp commands are successful, the scan user and scan folder are set properly.

Setting up the Scanner

This section describes how to configure the device repository using the device's Web UI.

1. Open a browser and enter the IP address of the device in the URL address box to display the Xerox multifunction device Web page.
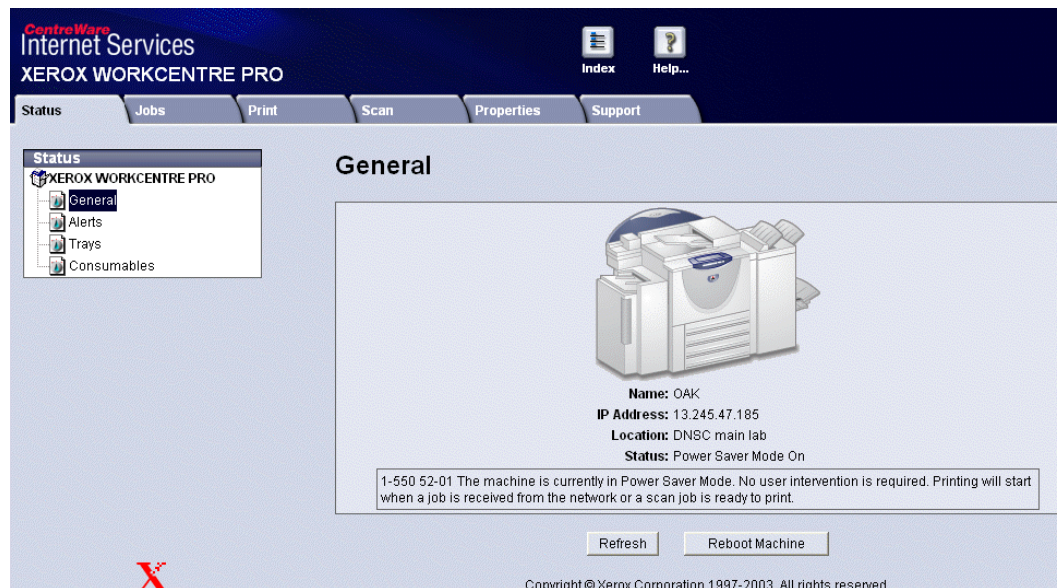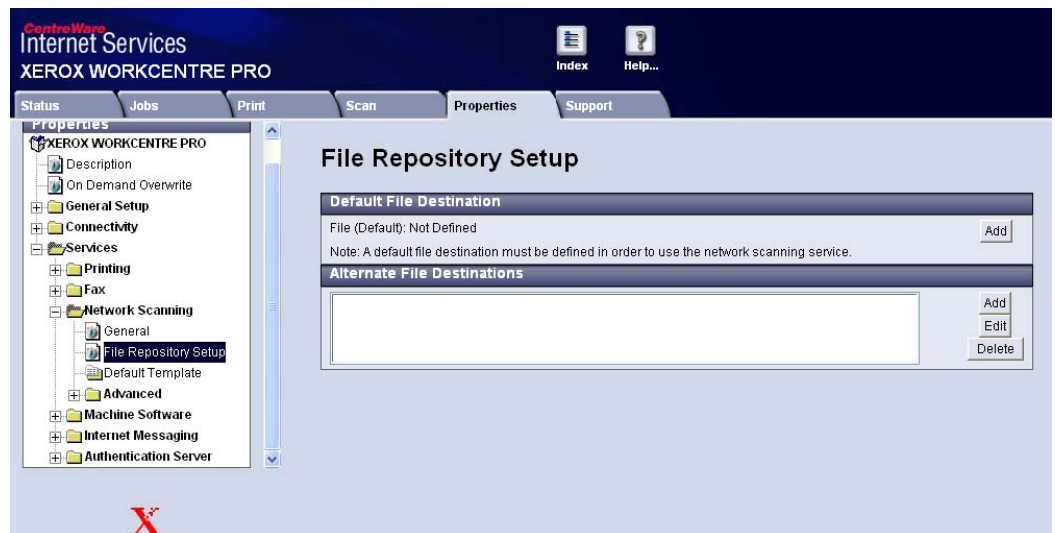
2. Select the **Properties** tab.
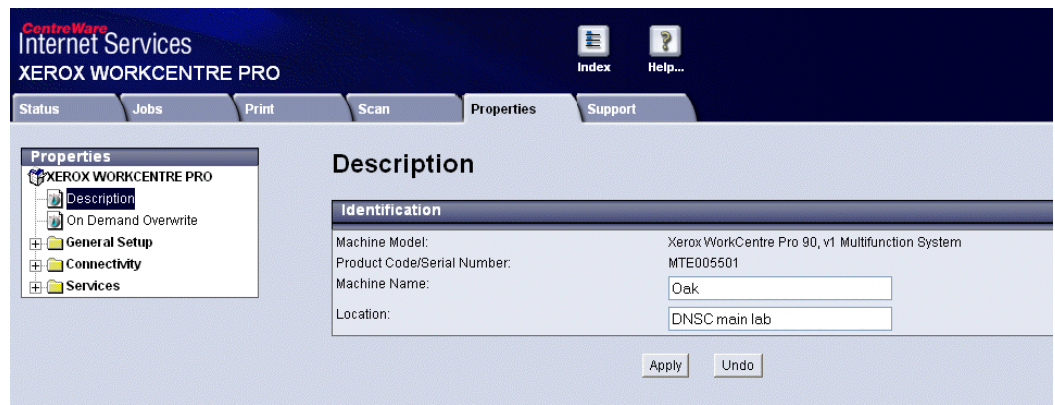
3. On the left side expand the **Services** folder.

4. Select the **Network Scanning** option, and highlight **File Repository Setup**. In the **Default File Destination** section choose **Add**.

   Note: If the file repository is already defined, **Edit** replaces **Add**.

5. On the Filing Destination screen, select or enter the following:

- **Protocol: TCP/IP**

- **Select IP Address or Host Name**

- **IP Address and Port:** IP/Host Name of the Novell server.

- **Document Path**: enter the home directory of the scan user from the FTP session (see step 8 in "Testing the FTP Connection" earlier in this document). In this example it is: **/vol1/scanner**.

- Enter the login name and password used to log into FTP and verify the password.

6. Click **Apply**. If prompted enter the device's administrators user name and password (defaults are **admin** (lower case), and **1111)**.

7. The Default File Destination is populated, similar to the following example.
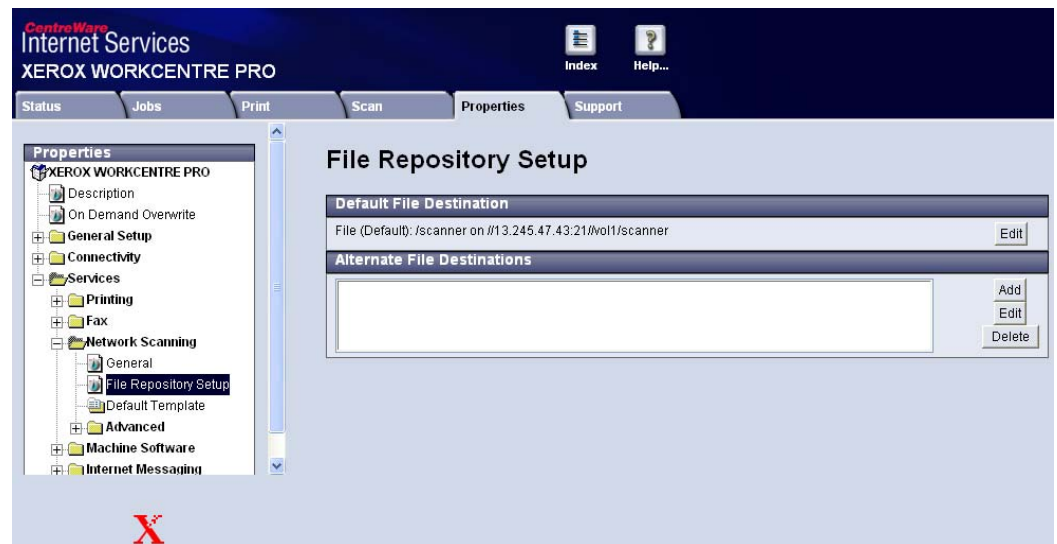
8. To verify the default file destination select **Default Template** on the left of the page. In the **File** section, the destination is populated. It should match the Default File Destination shown on the previous page.

Note: The Default Template should now appear on the Scan tab of the device. Do a test scan to verify scanning is working.
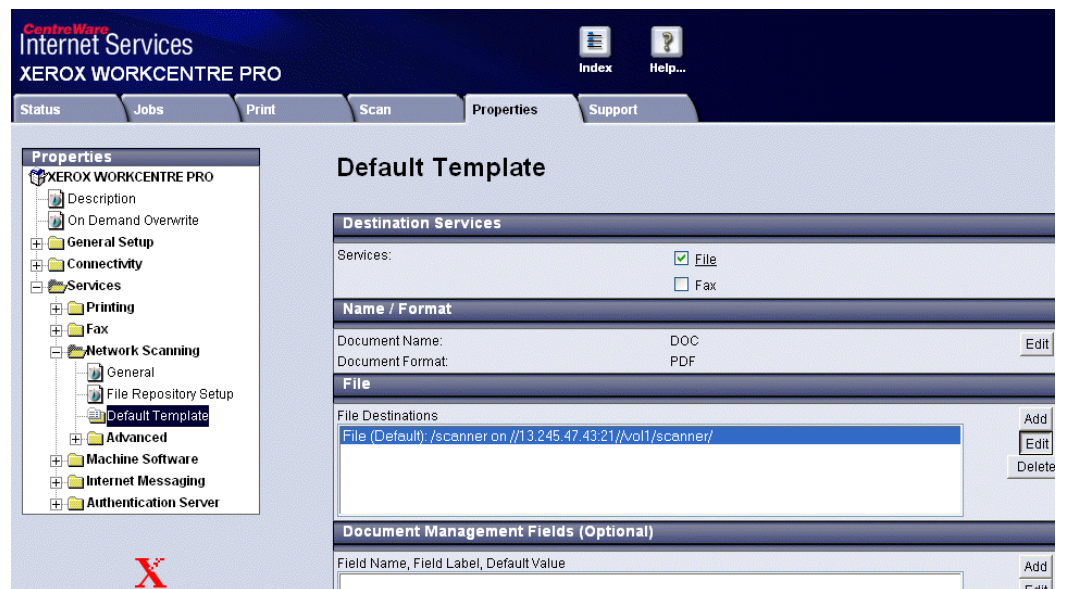
Adding Additional Templates

This section describes how to create the optional Web templates.

1. Open the home directory shown in "Network Setup" step 4, and create as many folders as you need for templates. The following example shows three, User_1, User_2, User_3. The DOC.PDF and the DOC.XST files indicate that the scan to the Default Template, described in the previous section, was a success.
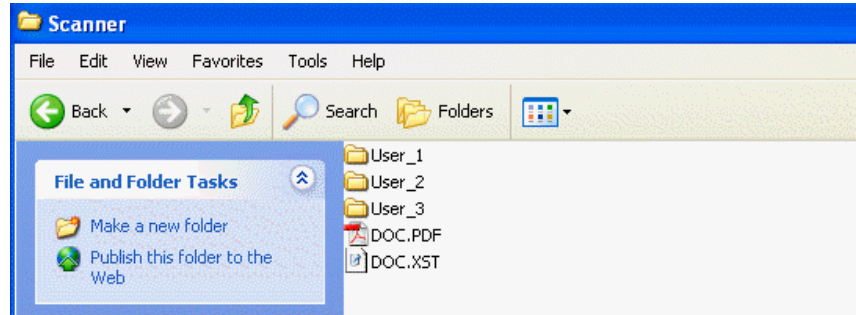
2. Access the Web page of the device and select the **Scan** tab.
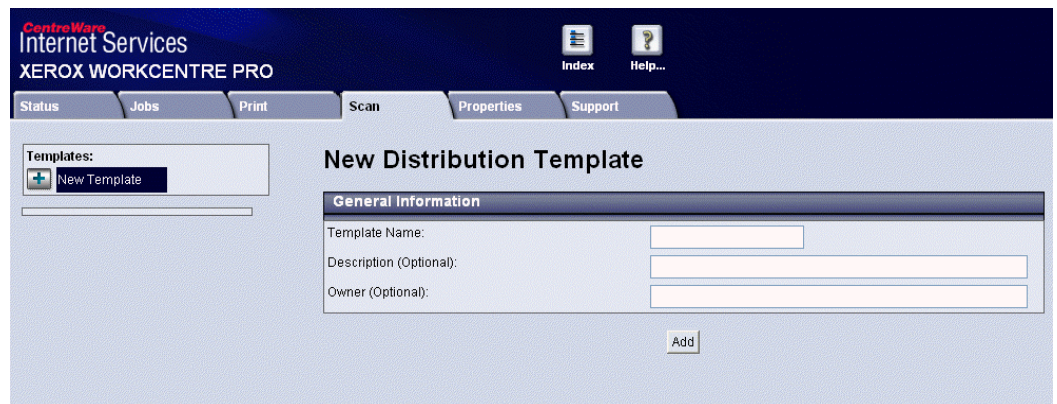
3. Click **New Template**. Enter a name in the **General Information** section and select **Add**.
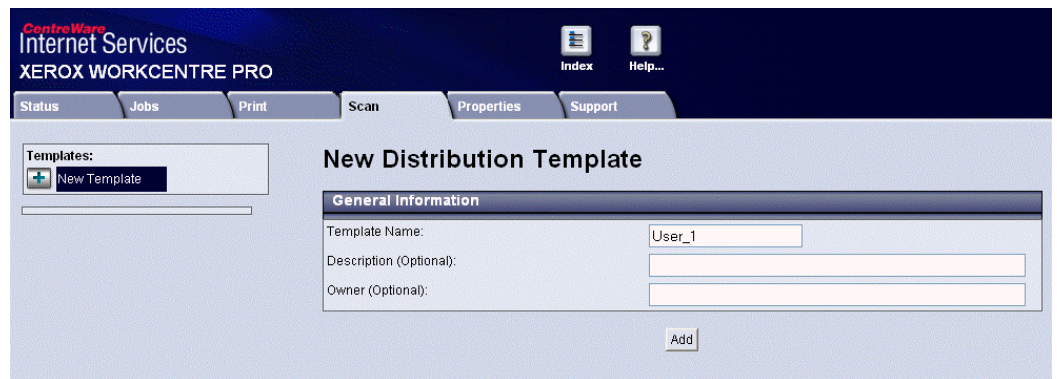
4. Highlight the new template on the left side. In the **File** section, select **Edit**.

5. Enter the name of a folder you created in step 1 of this procedure in **Document Path Add (Optional)**, and click **Apply**.

6. Repeat this procedure to create as many templates as needed.

Additional Information

This Customer Tip provided by Xerox Digital Network Solutions Center.

Xerox Customer Support welcomes feedback on all documentation - send feedback via e-mail to: USA.DSSC.Doc.Feedback@usa.xerox.com.

You can reach Xerox Customer Support at 1-800-821-2797 (USA),
TTY 1-800-855-2880 or at http://www.xerox.com.

Other Tips about Xerox multifunction devices are available at the following URL:
http://www.office.xerox.com/support/dctips/dctips.html.

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