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Setting Up FTP Service For Barco and PCC Connectivity

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Introduction

This bulletin describes how to set up FTP Services on a TIFF Front End server.

To set up FTP Services:

- set up the target directory for FTP
- install Microsoft Internet Information Server
- set up FTP service

The FTP Service is contained in Microsoft Internet Service Manager in Windows NT Server 4.0 and must be installed before transferring files from a computer to the TIFF Front End Workstation. The computer and TIFF Front End Workstation must also have a permanent network connection.

Setting up an FTP Directory

Create a directory on the TIFF Front End server where you can FTP your files.

To set up an FTP directory:

1. Launch Windows NT Explorer and navigate to: **D:\DATAIN.**
2. Create a new folder and title it **Assembler Input Folders**.
3. Create additional folders within **Assembler Input Folders** for the different types of media you use; for example, **BASF 045_Assembly**.
4. Close Windows NT Explorer.

The FTP directory is set up.

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Installing the Microsoft Internet Information Server

To install the Microsoft Internet Information server:

1. From the Windows NT **Start** menu, select **Settings/Control Panel/Network.**
2. Double-click on the **Network** icon.

   The **Network** dialog box displays.

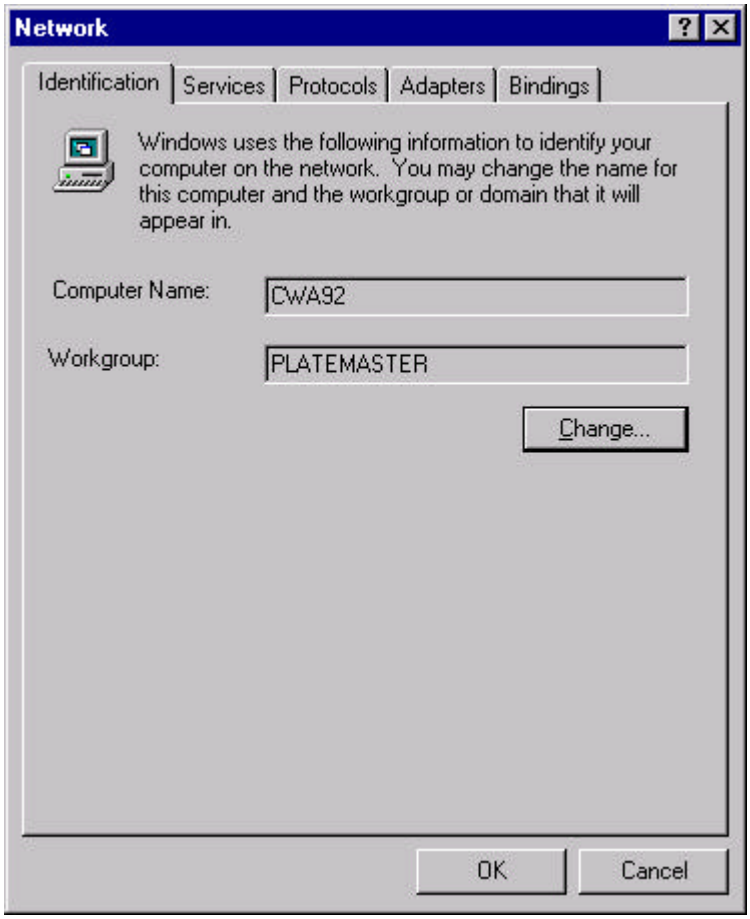


Figure 1: Network Dialog Box

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3. Click the **Services** tab.

   The **Services** tab displays.

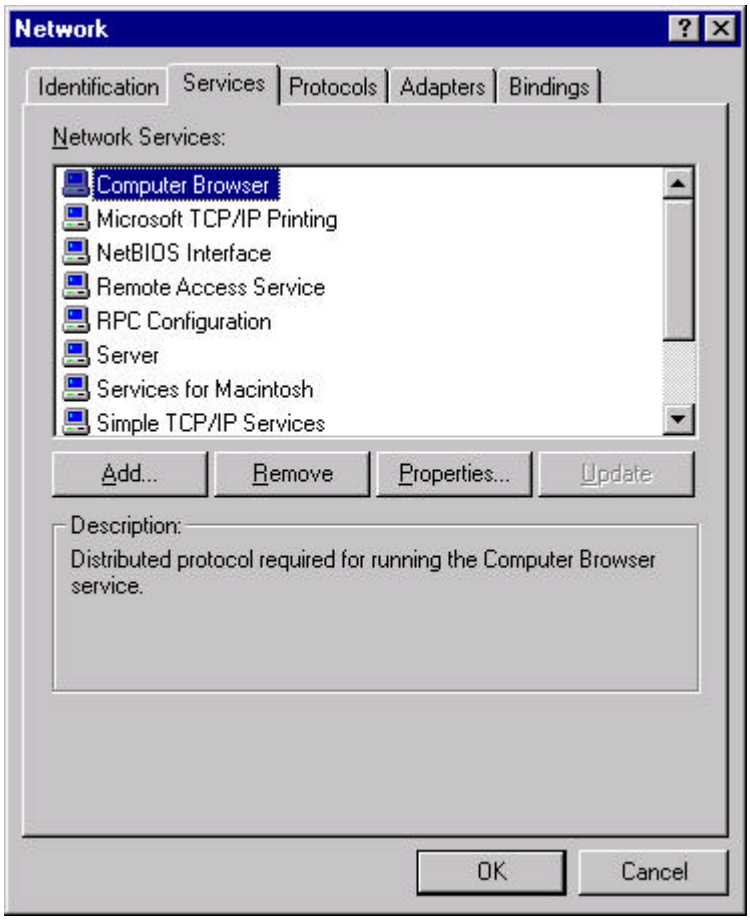


Figure 2: Network Dialog Box—Services Tab

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4. Click **Add**.

   The Select Network Service dialog box displays.

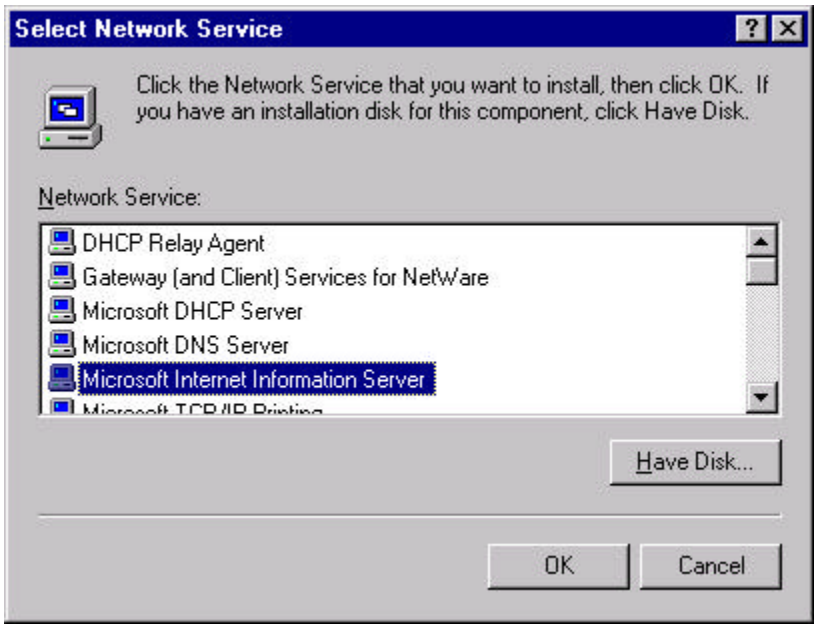


   Figure 3: Select Network Service Dialog Box

5. In the **Network Service** dialog box, select **Microsoft Internet Information Server** and click **OK**.

   The Internet Information Server Installation dialog box displays.

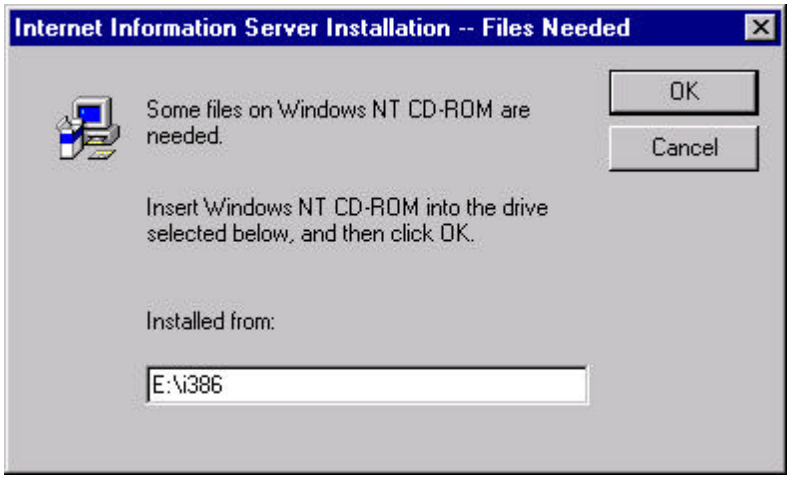


   Figure 4: Internet Information Server Installation Dialog Box

6. Insert the CD with Windows NT server version 4.0 in the CD drive and ensure the **Installed from** directory points to the CD drive.

   If the directory does not point to the CD drive, an error message occurs: `error cannot open e:\i386\Inetsrv\Inetstp.exe.`

7. Click **OK**.

The files are copied from the CD system to the workstation.

The Microsoft Internet Information Server dialog box displays.



Figure 5: Internet Information Server Setup Dialog Box

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8. Click **OK**.

   The Microsoft Internet Information Server Setup dialog box displays.

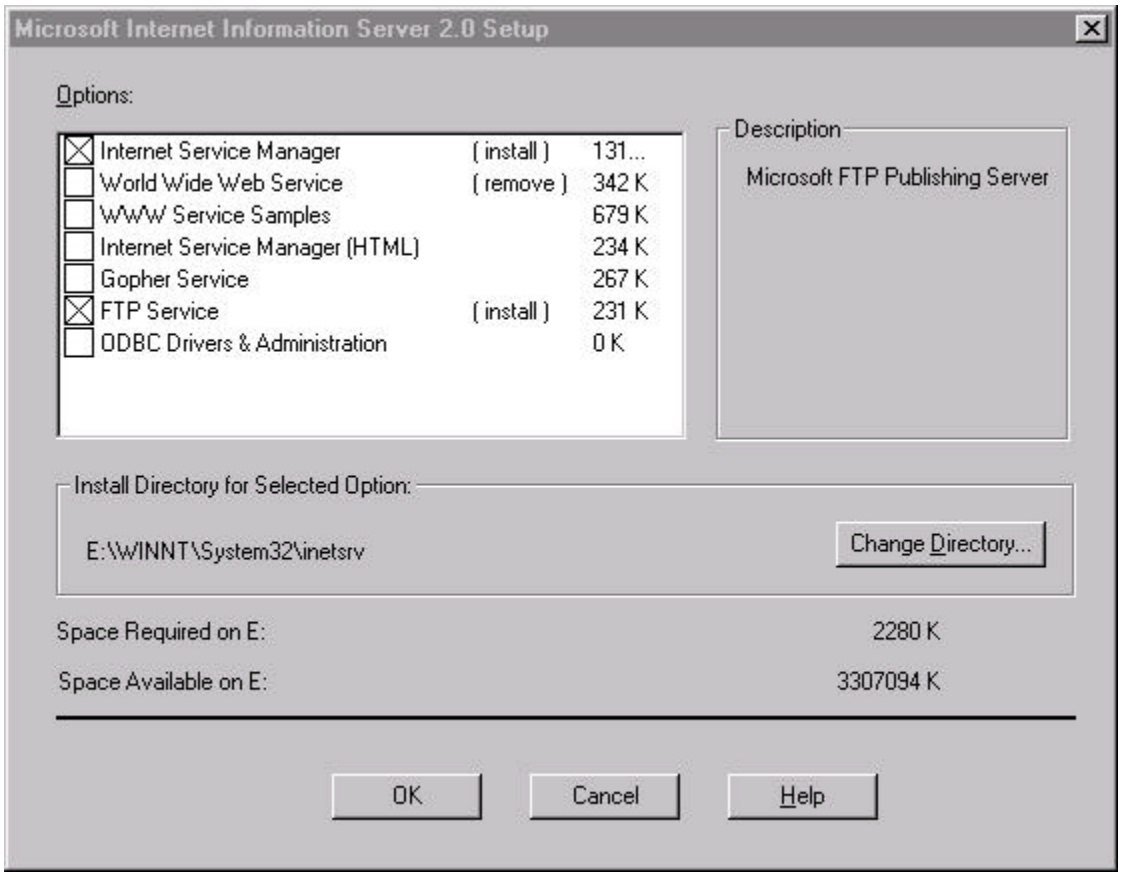


   Figure 6: Internet Information Server Setup Dialog Box

9. In the Options box, clear all but the **FTP Service** and **Internet Service Manager** check boxes, as shown above.
10. Click **OK**.

    The Microsoft Internet Information Server 2.0 Setup dialog box displays:

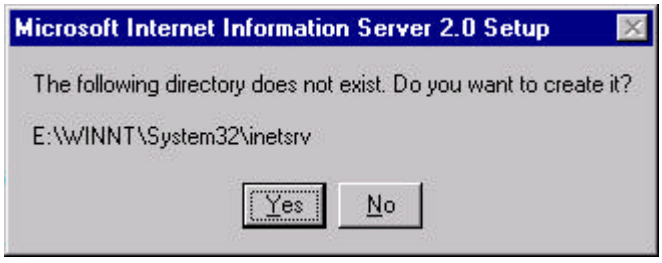


   Figure 7: Internet Information Server Setup Dialog Box

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11. Click **Yes**.

    The Publishing Directories dialog box is displayed. The FTP Publishing Directory points to E:\InetPub\ftproot

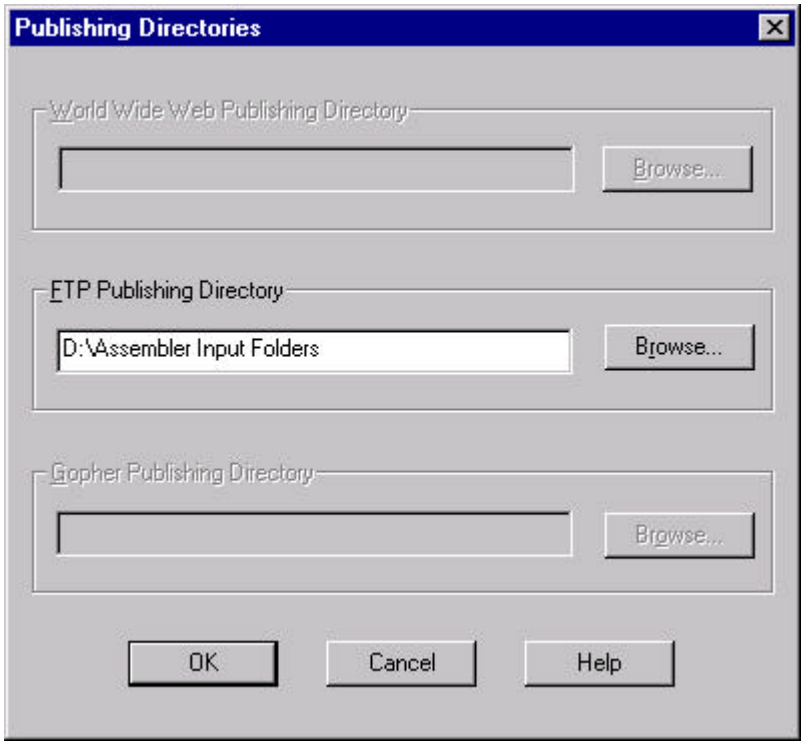


Figure 8: Publishing Directories Dialog Box

12. Change the FTP Publishing Directory to **D:\DATAIN\Assembler Input Folders**. Click **OK**.

    The Microsoft Internet Information Server 2.0 Setup dialog box displays:

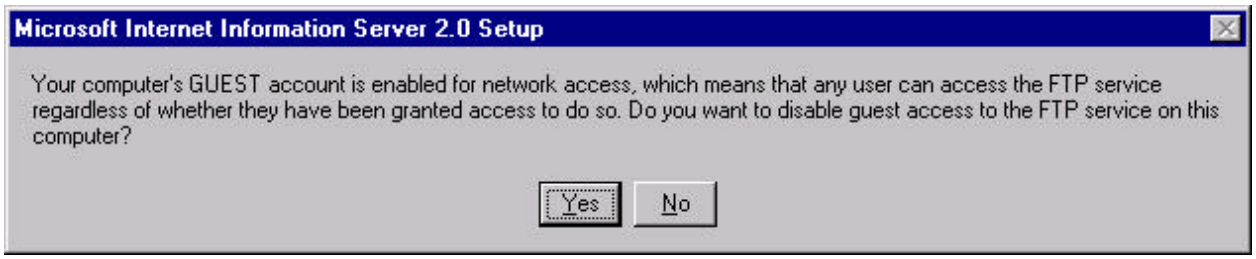


Figure 9: Internet Information Server Setup Dialog Box

13. Click **Yes**.

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14. The files are copied to your drive.

    The Microsoft Internet Information Server Setup dialog box displays.



    Figure 10: Internet Information Server Setup Dialog Box

15. Click **OK**.

    The Microsoft Internet Information Server Setup dialog box closes

16. Close the Network dialog box.

    Microsoft Internet Information Server is installed.

Configuring Properties of the FTP Server

The following procedure configures the properties of the FTP Server to allow it to transfer files.

To configure the FTP Server to transfer files:

1. From the Windows NT **Start** menu, point to **Programs,Microsoft Internet Server (Common),** and select **Internet Service Manager**.

   The Microsoft Service Manager dialog box displays.

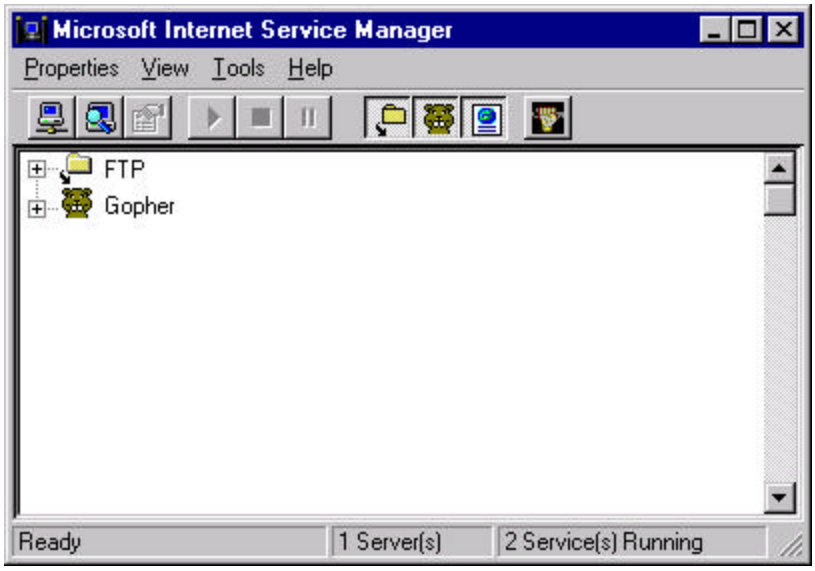


   Figure 11: Internet Service Manager Dialog Box

2. From the **View** menu, select **Services View** and double-click on the FTP directory icon.

   A traffic signal icon appears.

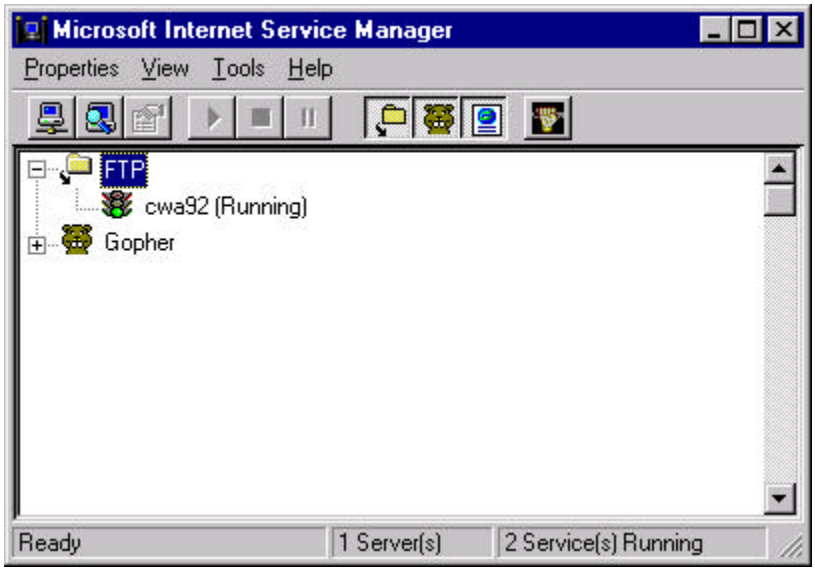


   Figure 12: Internet Service Manager—Traffic Icon

3. Double-click on the **cwXXX** traffic signal icon.

   The FTP Services for cwXXX dialog box displays.

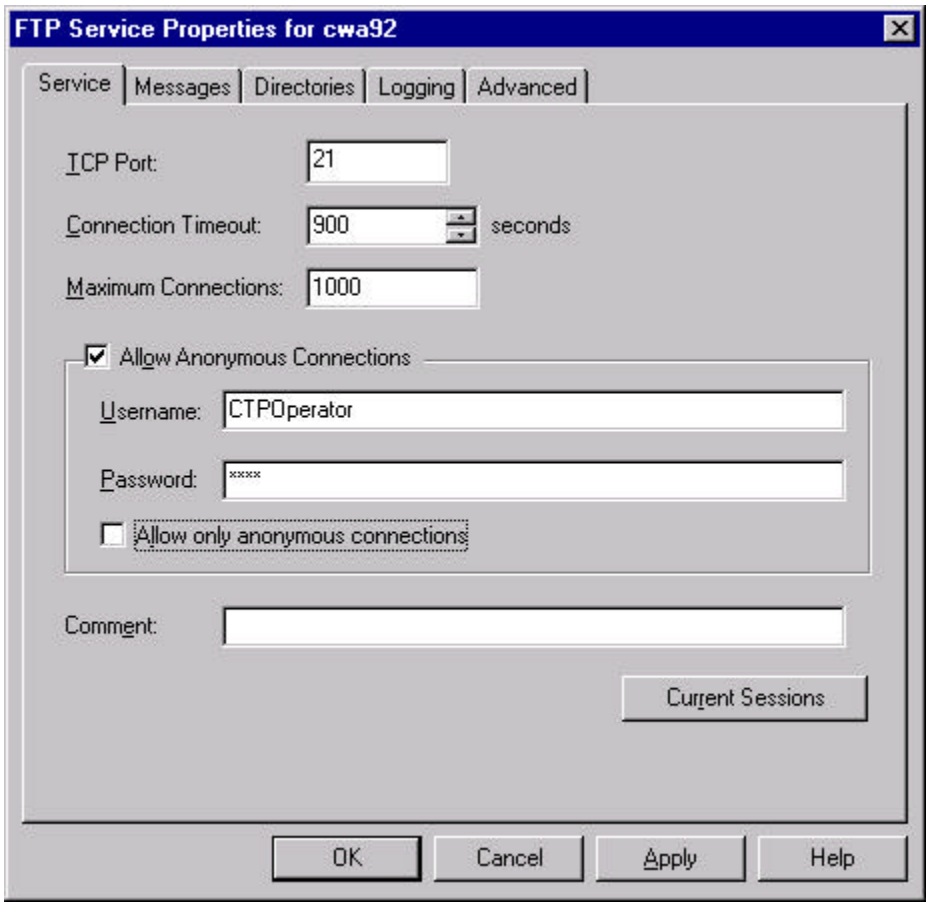


Figure 13: FTP Services for cwXXX Dialog Box

4. Click the **Service** tab and confirm the options are set as follows:

Option	**Setting**
TCP Port:	21
Connection Timeout:	900 seconds
Maximum Connection:	1000
Allow Anonymous Connections:	Check mark
Username:	CTPOperator
Password:	creo
Allow Only Anonymous Connections:	Can have check mark, but not necessary

5. Select the **Directories** tab.

   The Directories tab displays.

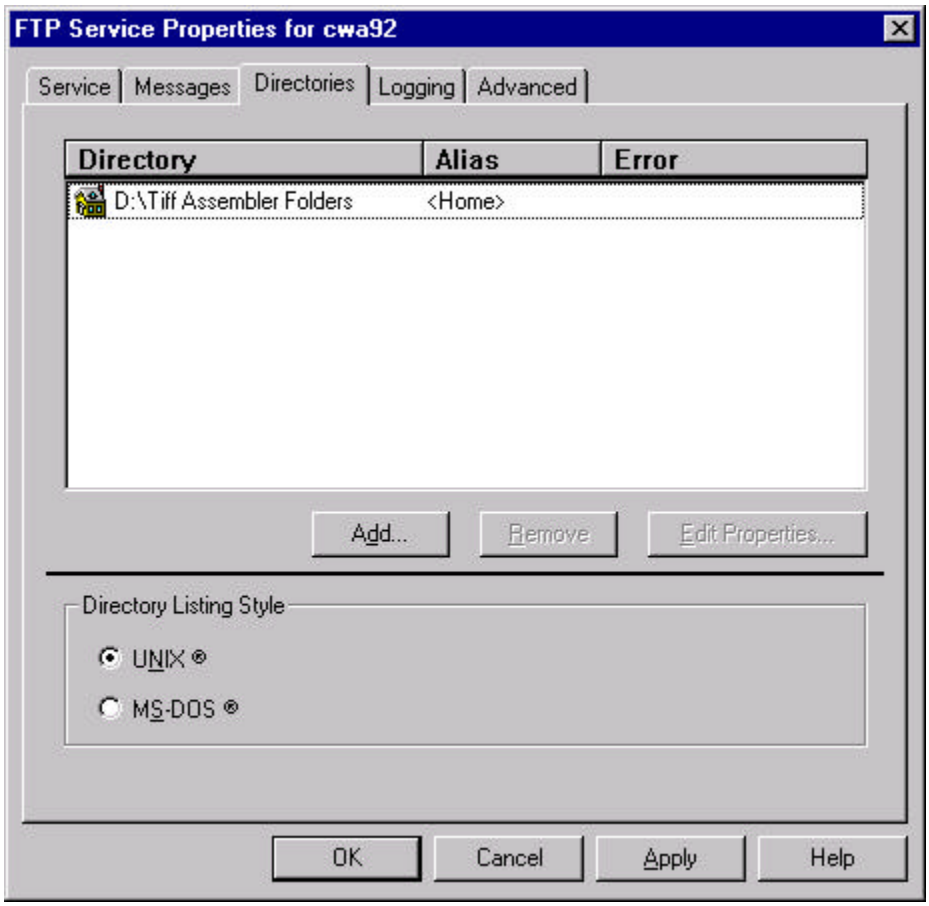


Figure 14: FTP Service Properties for cwXXX Dialog Box

6. Under **Directory Listing Style**, select **Unix**.

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7. Click **Add**.

   The Directory Properties dialog box displays.

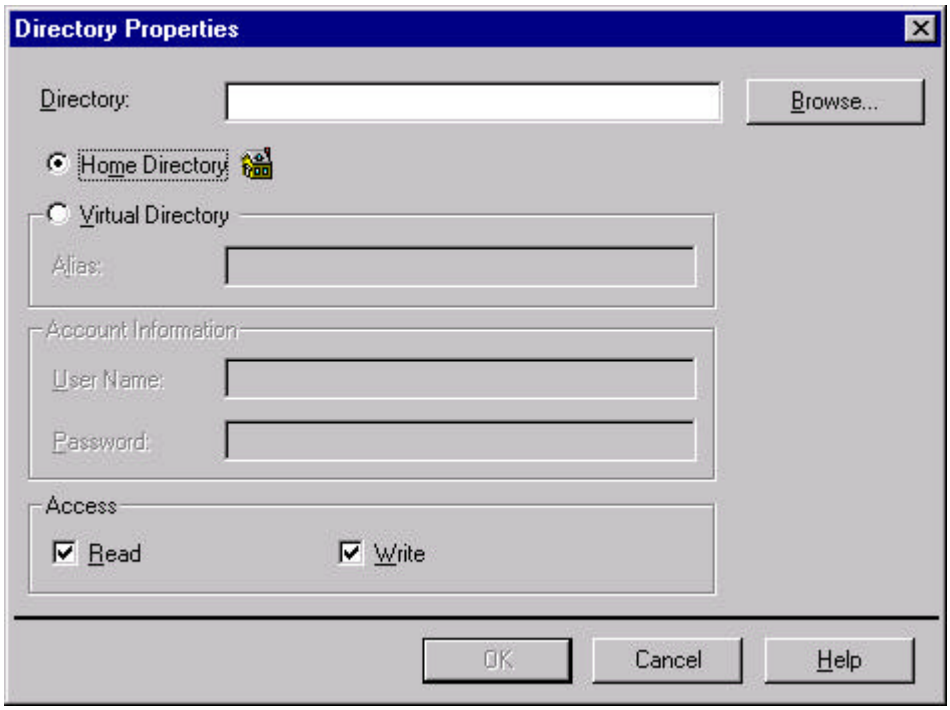


Figure 15: Directory Properties Dialog Box

8. Click **Browse.**

   The Select Directory dialog box displays**.**

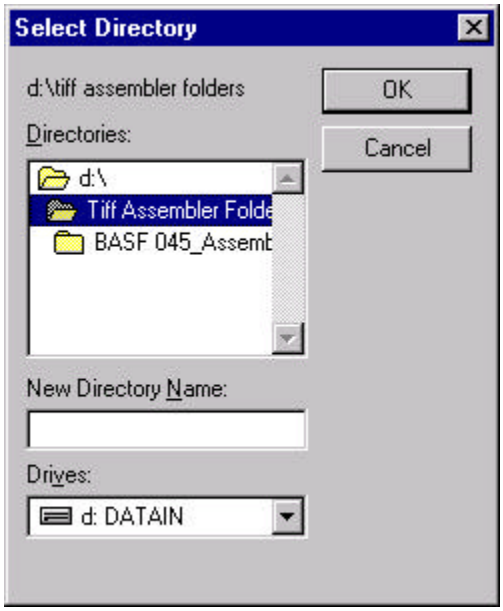


Figure 16: Select Directory Dialog Box

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9. Select the directory you created in the Set Up an FTP directory procedure.
10. Click **OK**.

    The Select Directory dialog box is closed and the Directory Properties dialog box displays, containing the directory you created.

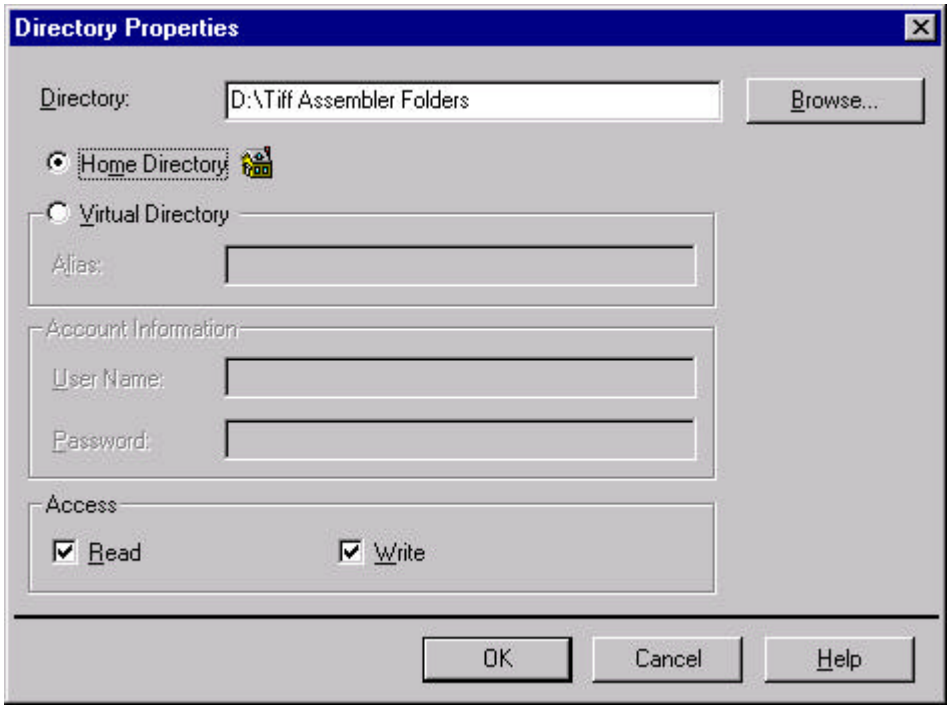


Figure 17: Directory Properties Dialog Box

11. Select the **Home** directory radio button and select both the **Read** and **Write** check boxes.
12. Click **OK**.

    The Internet Service Manager dialog box displays and warns a default directory exists.

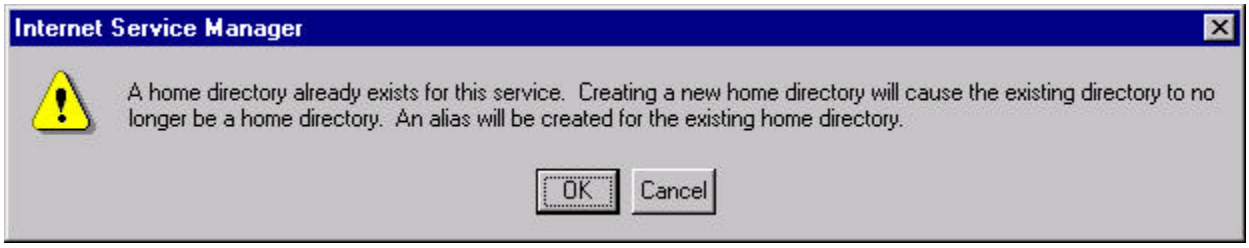


Figure 18: Internet Service Manager Dialog Box

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13. Click **OK**.

    The FTP Service Properties for cwXXX dialog box displays, showing the new default directory.

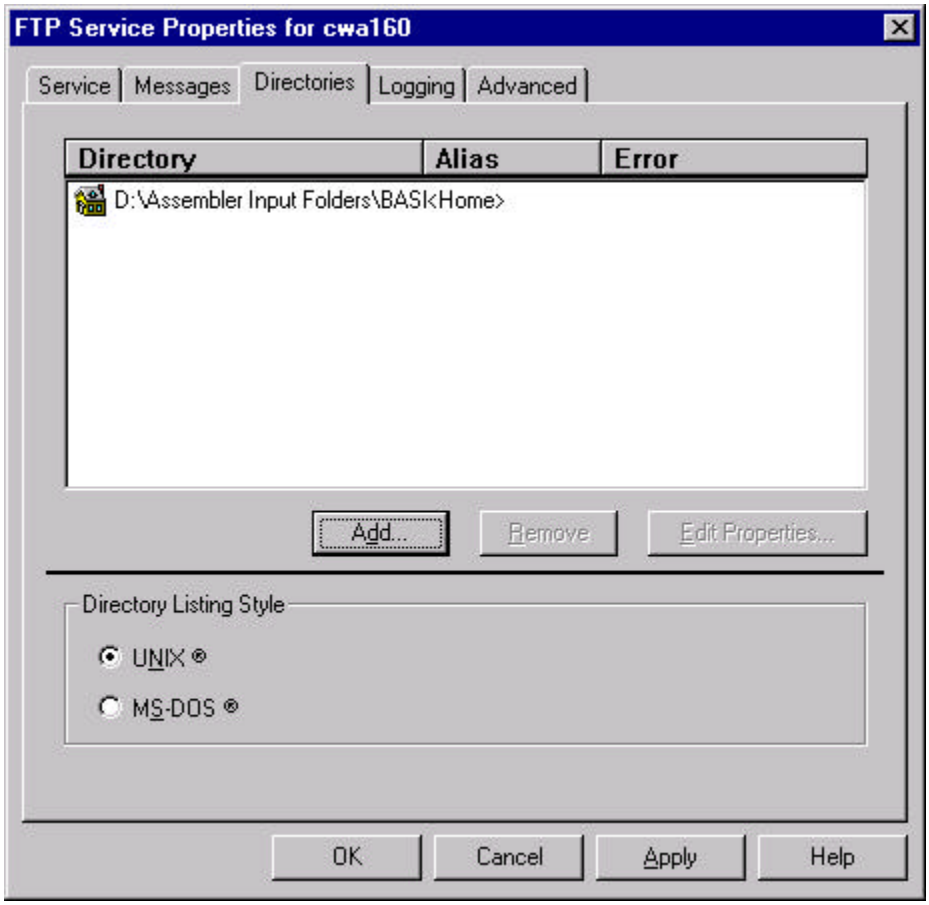


Figure 19: FTP Service Properties for cwXXX Dialog Box

14. Click **OK**.

    The FTP Services for cwXXX dialog box is closed and the **Microsoft Internet Service Manager** displays.

15. Close **Internet Service Manager**. The FTP Server properties are configured.