Chapter 4
Installing Workgroup Director on HP Workstations

This chapter explains how to install Workgroup Director on your HP Apollo 9000 Series 700 workstation and start it as a standalone application or from HP OpenView. It also explains how to remove Workgroup Director from your system.

Installation Requirements

To install Workgroup Director, you must meet the following requirements:

- Be familiar with the UNIX operating system.
- Know your superuser password.
- Have 1400 KB of disk space to load Workgroup Director. Use the **df** command to check your available disk space.

Installing Workgroup Director on Your HP Workstation

To install Workgroup Director on an HP workstation, perform the following steps:

Step 1 Log in to your system as root.

Step 2 Enter **update** in an hpterm window.

Step 3 Select **Change Source or Destination Device**, and click on the **Select Item** button.

Step 4 Select **From Tape Device to Local System**, and click on the **Select Item** button.

Step 5 Press Return to move the cursor to the Source field and change /dev/update.src to /dev/rmt/Xy, where Xy is the device file for the DAT drive (for example, /dev/rmt/0m or /dev/rmt/3m).

Step 6 Select **Done** or press **Control-F4**.

Step 7 Select **Select All Filesets on the Source Media** and press Return, or click on the **Select Item** button.

Step 8 Select **Start Loading Now** and press Return to begin the installation.

The update program asks you to confirm your selection.

Step 9 Enter **y**.

The program updates the fileset.

Step 10 When the update is finished, check the /tmp/update.log file for any errors that may have occurred.

Starting Workgroup Director as a Standalone Application

To start Workgroup Director as a standalone application, enter the following command:

wgd -h host [**-c readCommunity**] [**-C writeCommunity**] [**-t timeout**] [**-r retry**] [**-p port**] [**-P polling**]

Following are explanations of the command options:

- **-h host**—The concentrator or workstation name or IP address. The name must be configured in the /etc/hosts file or NIS database.
- **-c readCommunity**—The string used for reading SNMP requests. The default is "public."
- **-C writeCommunity**—The string used for writing SNMP requests. The default is the same as the string for readCommunity.
- **-t timeout**—The number of seconds allowed for an SNMP request to respond. The default is 2 seconds.
- **-r retry**—The number of times to retry a request that has timed out. The default is 3.
- **-p port**—The UDP port number. The default is 161.
- **-P polling**—The polling interval. The default is 1 second.

If you want to change a default value when starting Workgroup Director, add the letter of the command (preceded by a hyphen), followed by a space, and then the new value. For example, if you want to change the read community string from public to cisco, enter the following command when starting Workgroup Director:

/usr/bin/wgd -h <host> -c cisco

Starting Workgroup Director from HP OpenView

You can start Workgroup Director from HP OpenView in two ways:

- From the HP OpenView menu
- From the symbol representing a device on the HP OpenView screen

If you want to use the symbol, you must configure it to execute Workgroup Director. This section explains how to start Workgroup Director from the OpenView menu and from an executable symbol. It also explains how to load the MIB files that provide additional information for the concentrator and adapter.

Before you can start Workgroup Director, you must quit your current HP OpenView session as follows:

Step 1 Quit HP OpenView if it is running by selecting **Exit** from the File menu.

Step 2 Enter **/usr/OV/bin/ovw** to start HP OpenView.

Starting Workgroup Director from the HP OpenView Menu

The following steps explain how to start Workgroup Director from the HP OpenView menu:

Step 1 Select the symbol representing a device with an SNMP agent, such as a concentrator.

Step 2 Select **Workgroup Director** from the Monitor menu.

Note If Workgroup Director cannot communicate with the SNMP agent, it may be due to an incorrect community string. Configure SNMP community strings for the default case and/or specific nodes by selecting **SNMP Configuration** from the Options menu.

Configuring a Symbol in HP OpenView to Execute Workgroup Director

To configure a symbol to execute Workgroup Director, proceed as follows:

Step 1 Place the mouse pointer on the symbol representing the concentrator.

Step 2 Click on the left mouse button to display the menu for the concentrator.

Step 3 Select the **Describe/Modify Symbol** menu item.

The Symbol Description dialog box appears.

Step 4 Click on the **Execute** button in the Symbol Description dialog box.

Step 5 Select **Workgroup Director** from the Application Action list.

Step 6 Click on the **Target Objects** button.

The Target Objects dialog box appears.

Step 7 Click on the **Add** button to place the object name in the Target Objects list.

Step 8 Click on the **OK** button.

The Symbol Description dialog box appears.

Step 9 Click on the **OK** button in the Symbol Description dialog box.

The HP OpenView screen reappears.

If OpenView displays an error message stating that the action and target objects are not compatible, make sure that **isSNMPSupported** is selected for the object. Use the **View/Modify Attributes** option from the following menu path:

Describe/Modify Object> General Attributes> View/Modify Attributes

Step 10 Double-click on the executable symbol to start Workgroup Director.

Loading MIB Files in HP OpenView

To load the MIB files, proceed as follows:

Step 1 Choose **Load/Unload MIBs**, then **SNMP** from the Options menu.

The MIB Load/Unload MIBs dialog box appears, listing the MIBs currently loaded.

Step 2 Click on the **Load** button.

The Load MIB From File dialog box appears.

Step 3 Select the **cisco-adapter** file and click on the **OK** button.

The MIB is loaded, and the MIB Load/Unload dialog box reappears.

Step 4 Repeat steps 2 and 3 for the cisco-stack file.

Removing Workgroup Director

To remove Workgroup Director, perform the following steps:

Step 1 Enter **/etc/rmfn** to run the rmfn utility in interactive mode.

Step 2 Move to the NETMGT Network Management Software line and click on the **Select Filesets** button.

Step 3 Move to the WGD Workgroup Director line and enter **y**.

Step 4 Select **Partit'n Screen**.

Step 5 Select **Start Removing**.

The program prompts you to confirm your action.

Step 6 Enter **y**.

A message appears when the removal is completed.

Step 7 Select **Partit'n Screen**.

Step 8 Select **Exit rmfn**.

Step 9 Enter **y** to confirm that you want to quit the **rmfn** command.