5.5.3 Optional Lab: Managing Administrative Settings and Snap-ins in Windows Vista

Introduction

Print and complete this lab.

In this lab, you will use administrative tools to monitor system resources. You will also build a custom console to manage storage devices.

Recommended Equipment

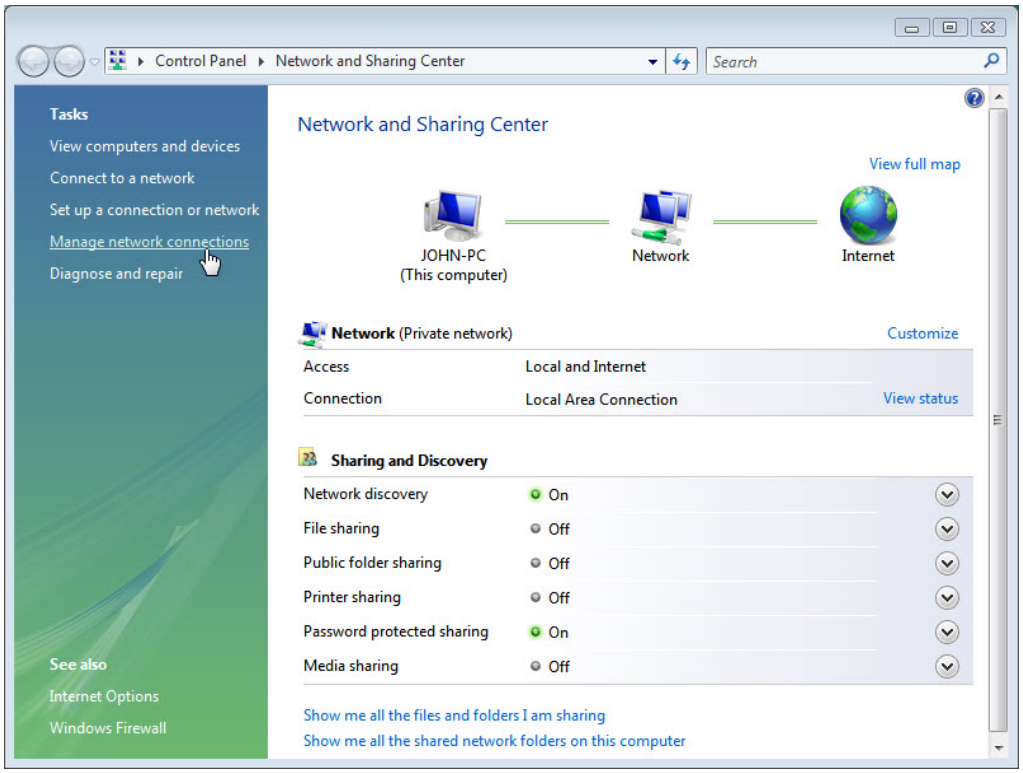
The following equipment is required for this exercise:

- A computer running Windows Vista
- Internet access

Step 1

Log on to the computer as an administrator.

Navigate to the “Network and Sharing Center” window by clicking **Start > Network > Network and Sharing Center.** Click **Manage network connections** in the left pane below Tasks.



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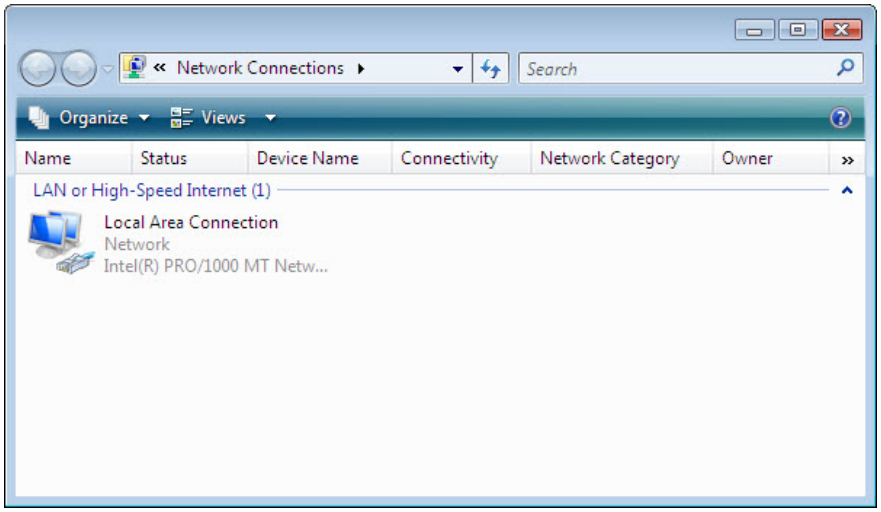
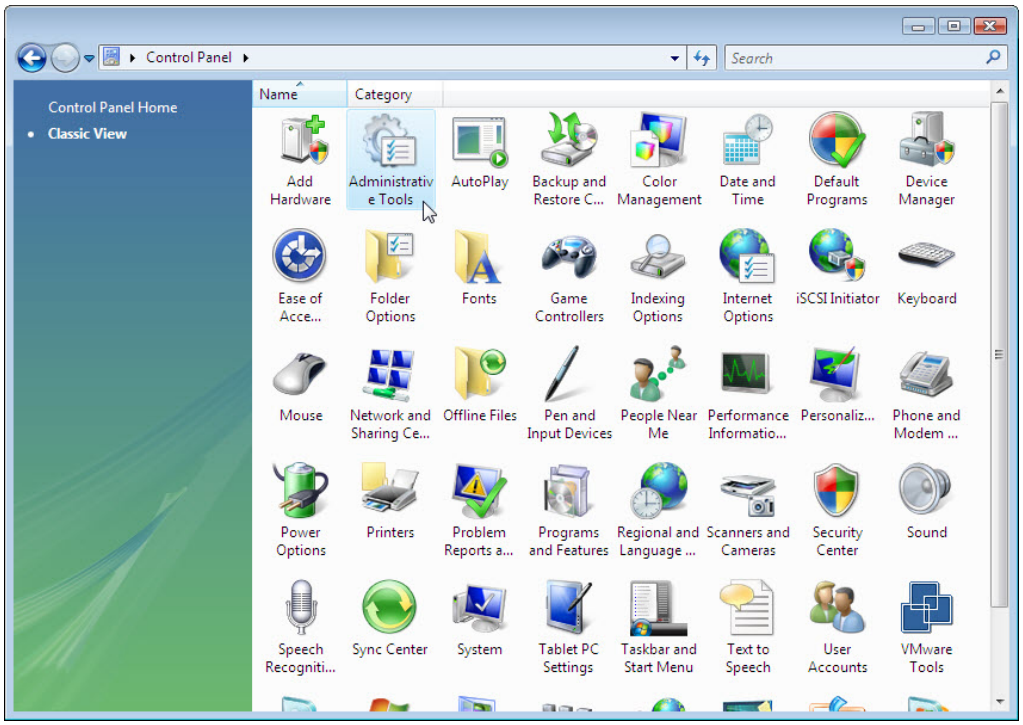
Reduce the size of the “Network Connections” window. Leave this window open.



Step 2

Navigate to the “Control Panel” window by clicking **Start > Control Panel.** If not in Classic View select this interface. Double-click the **Administrative Tools** icon.



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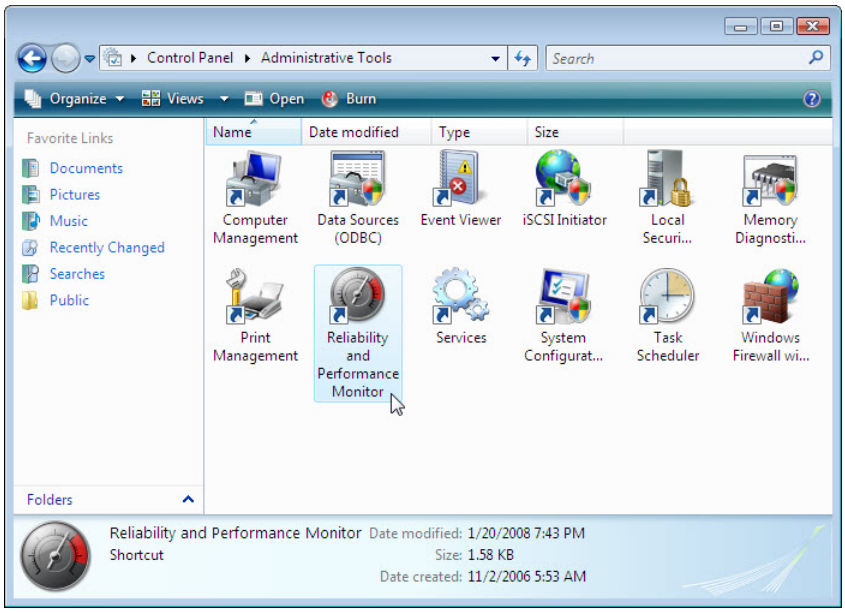
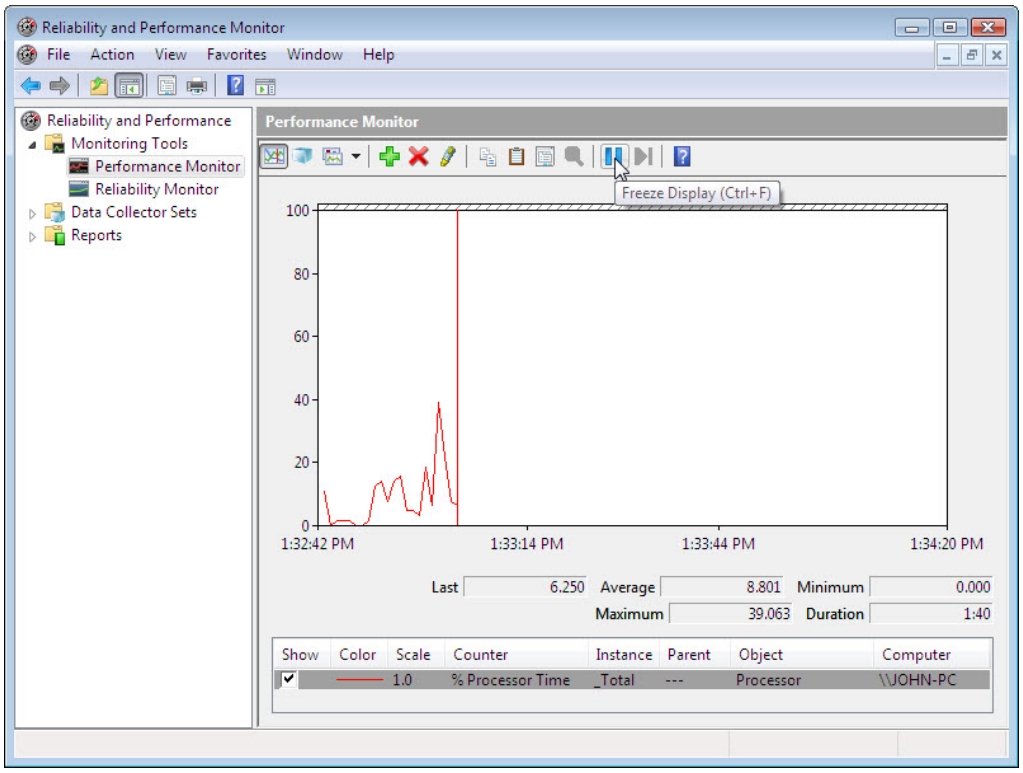
Double-click the **Reliability and Performance Monitor** icon.
If the “User Account Control” window appears, click **Continue**.



Step 3

The “Reliability and Performance Monitor” window appears. Make sure the Performance Monitor in the left pane is highlighted. Click the **Freeze Display** icon to stop the recording.



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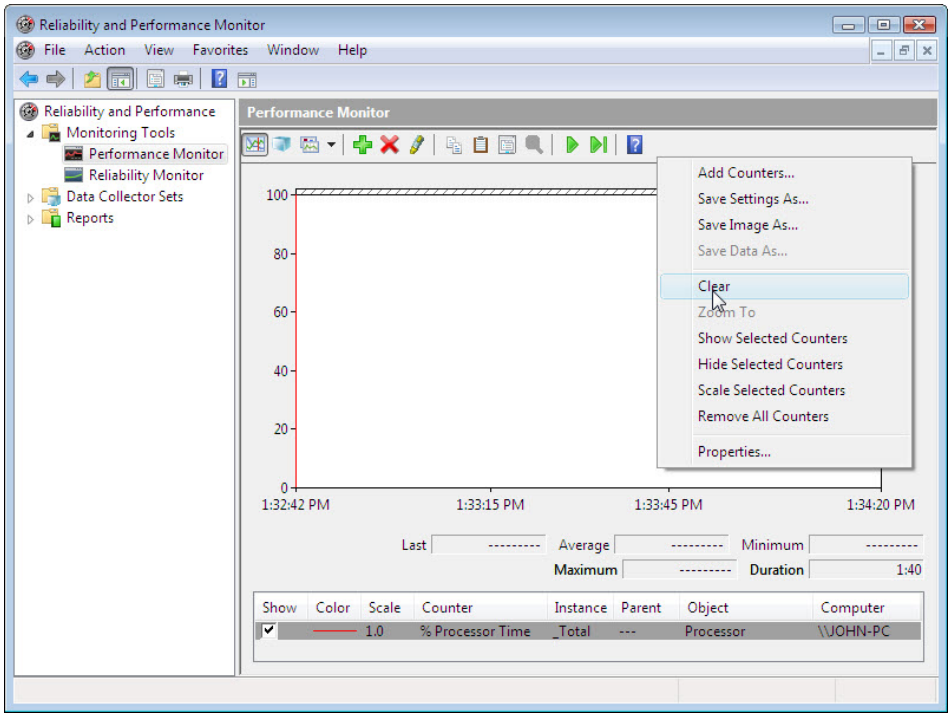
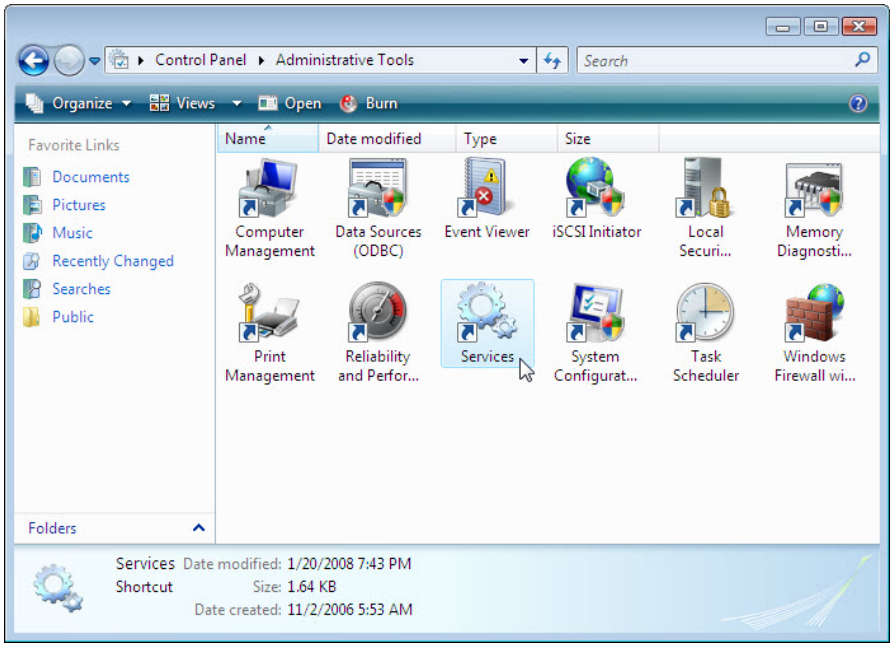
Right click the Performance Monitor menu bar, select **Clear** to clear the graph. Leave this window open.



Step 4

Navigate to the “Administrative Tools” window by clicking **Start > Control Panel > Administrative Tools.** Double-click the **Services** icon.
If the “User Account Control” window appears, click **Continue**.



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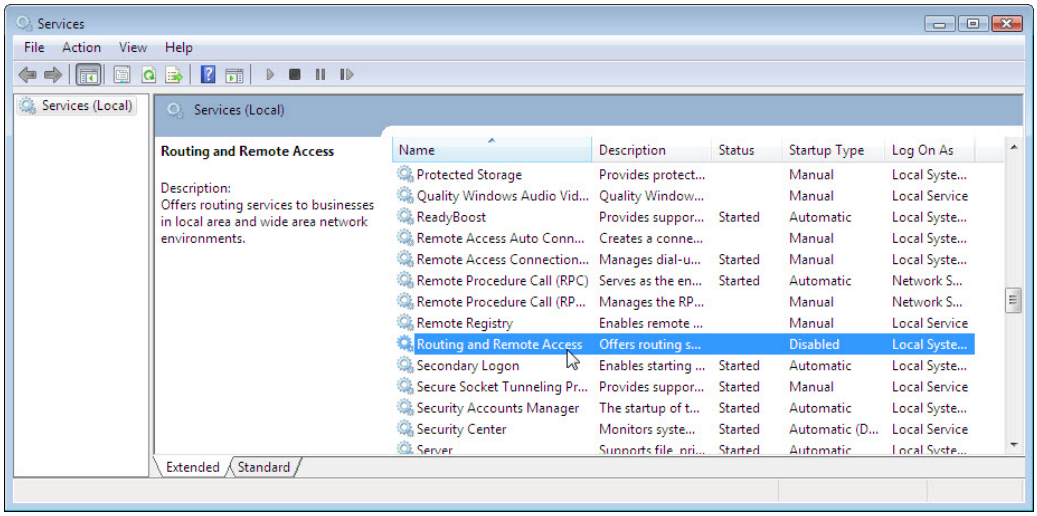
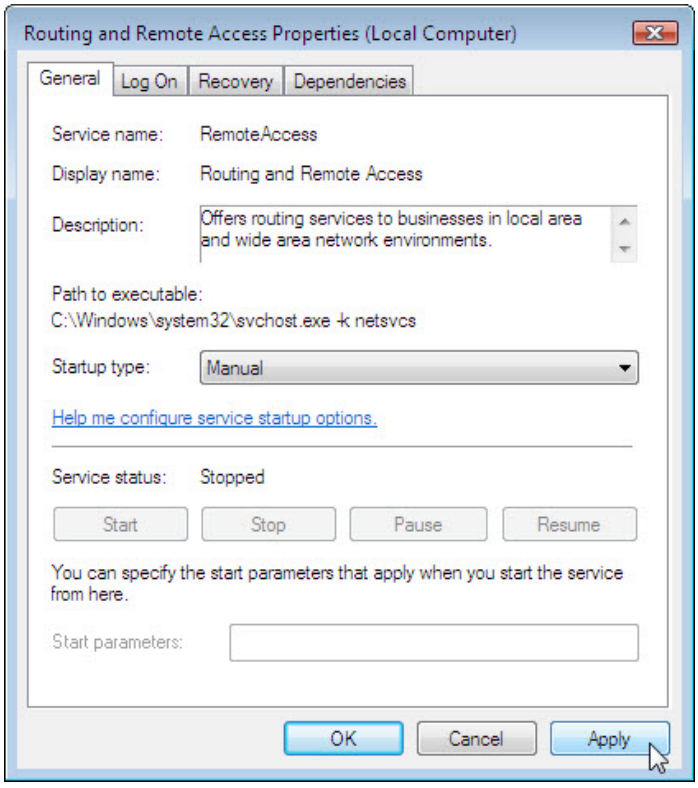
Step 5

Expand the width of the “Services” window so you have a clear view of the content. Scroll down in the right pane until you see the service Routing and Remote Access. Double click **Routing and Remote Access**.



The “Routing and Remote Access Properties (Local Computer)” windows appears. In the Startup type select **Manual**. Click **Apply**.



The Start button is now active; do not click the button yet. Leave this window open.

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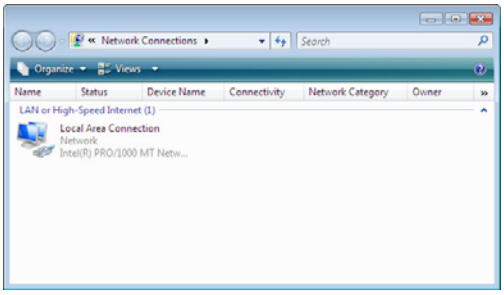
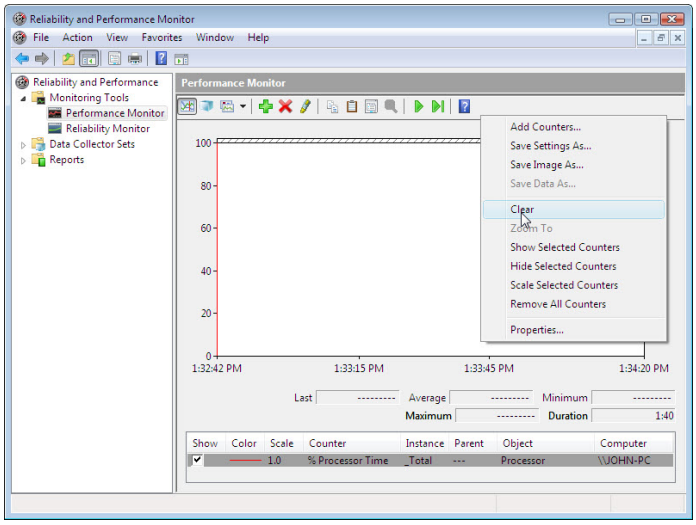
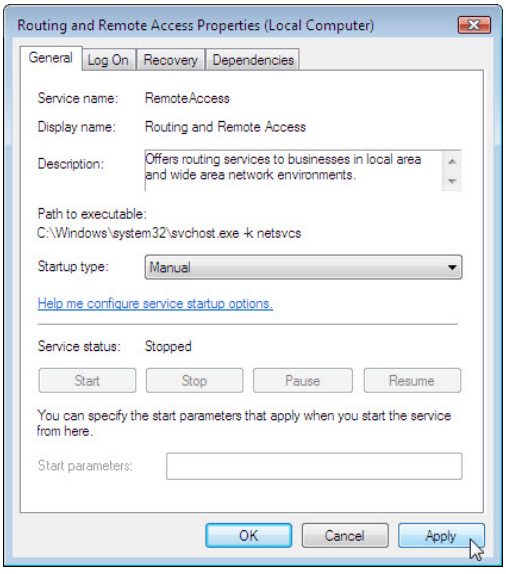
Step 6

Position the following three windows so you can clearly see them at the same time for steps 7 to 14: Network Connections, Routing and Remote Access Properties (Local Computer), and Reliability and Performance Monitor.







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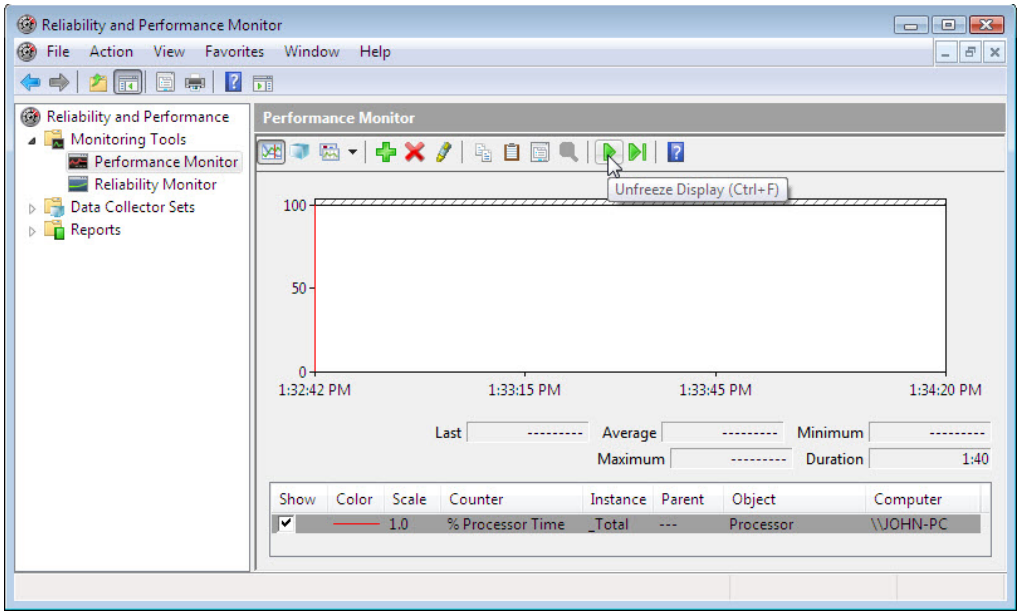
Step 7

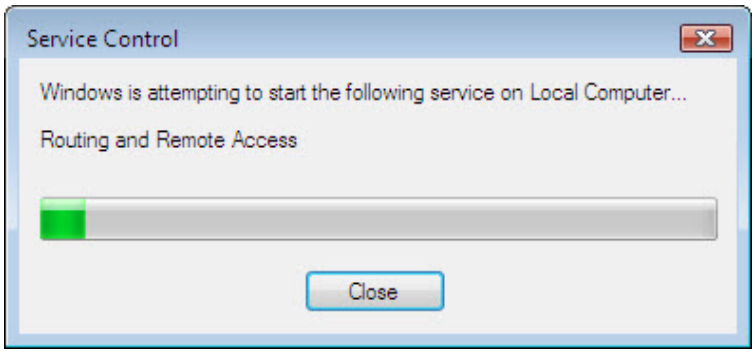
Click the “Performance” window so it is activated. Click the **Unfreeze Display** icon to start the recording.



Step 8

Click the “Routing and Remote Access Properties (Local Computer)” window so it is activated. To start the Service click **Start**.

A window with a progress bar appears.



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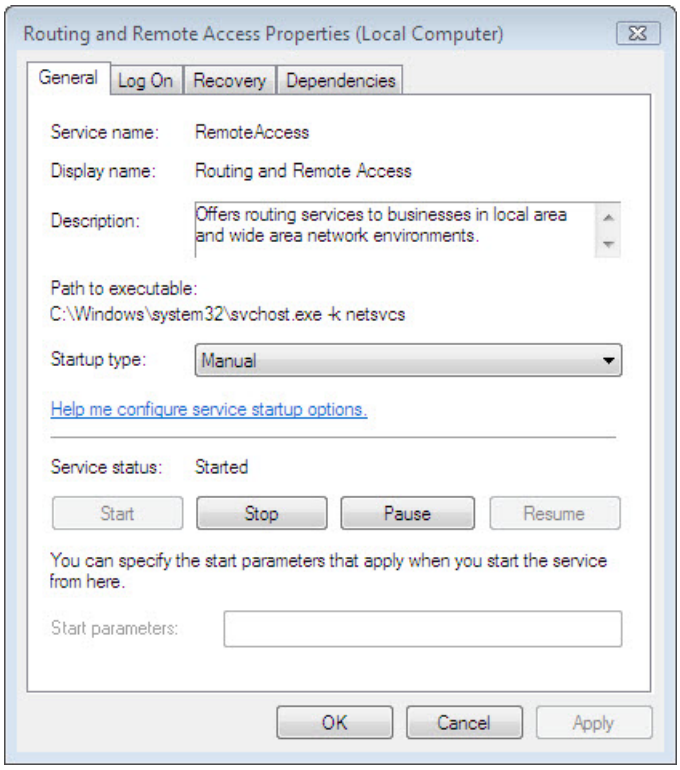
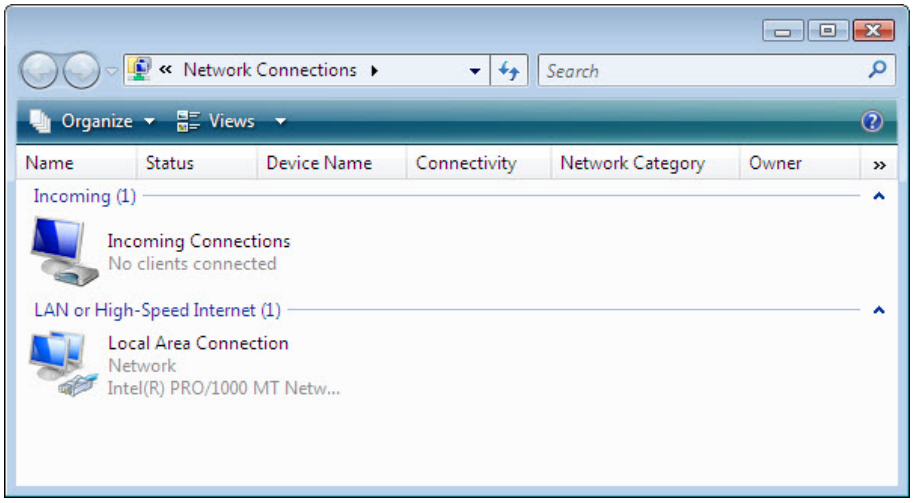
The “Routing and Remote Access Properties (Local Computer)” window now shows the Stop and Pause button active. Leave this window open.



Step 9

Click the “Network Connections” window so it is activated. Press function key **F5** to refresh the content.



1. What changes appear in the right pane, after starting the Routing and Remote Access service?

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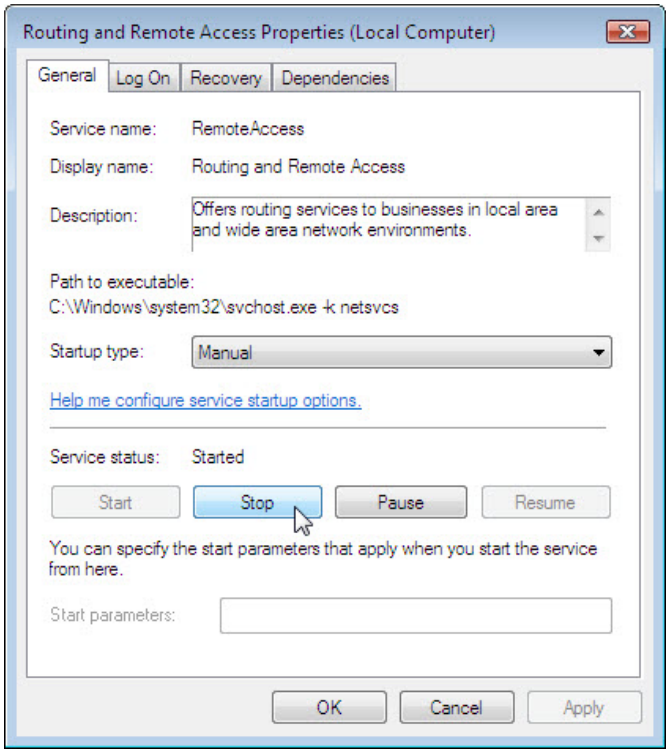
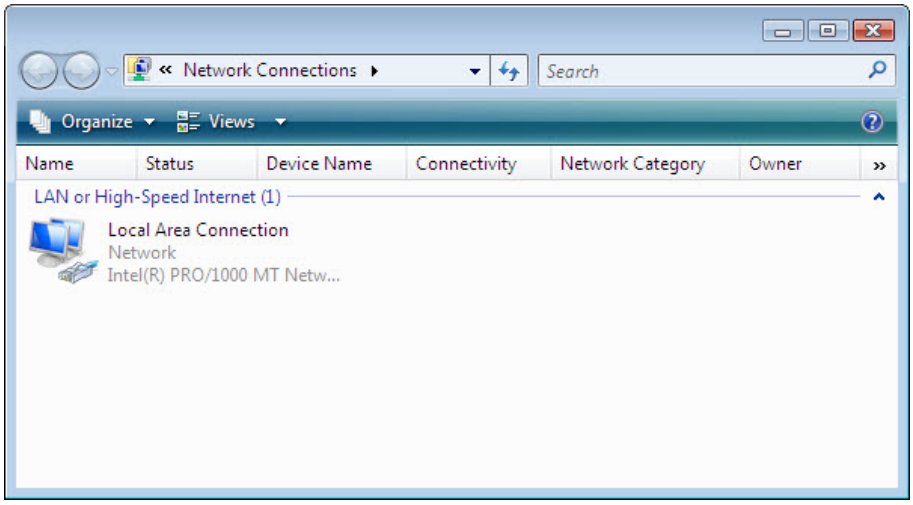
Step 10

Click the “Routing and Remote Access Properties (Local Computer)” window so it is activated. Click **Stop**.



Step 11

Click the “Network Connections” window so it is activated.



2. What changes appear in the right pane, after stopping the Routing and Remote Access service?

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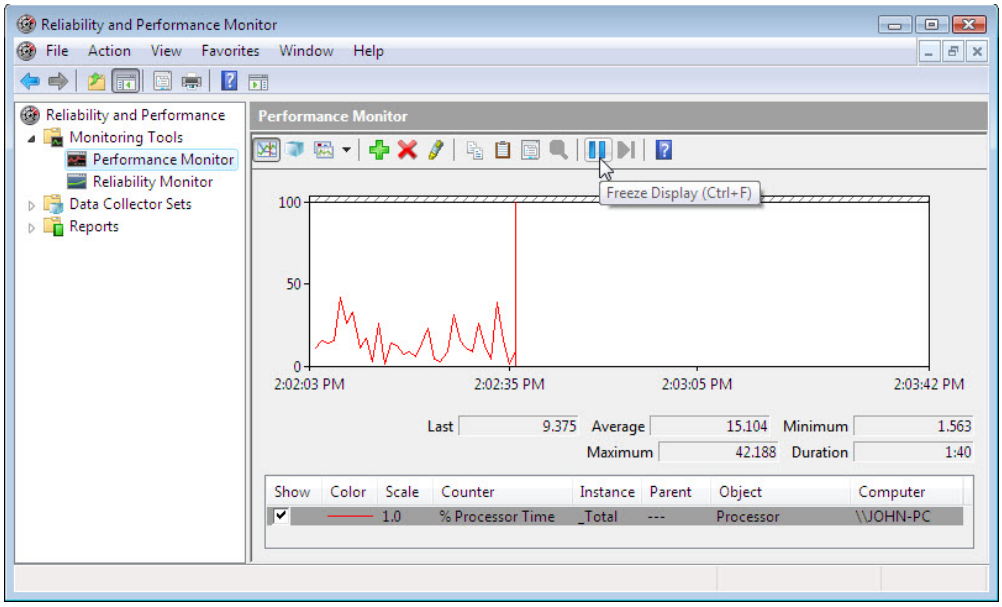
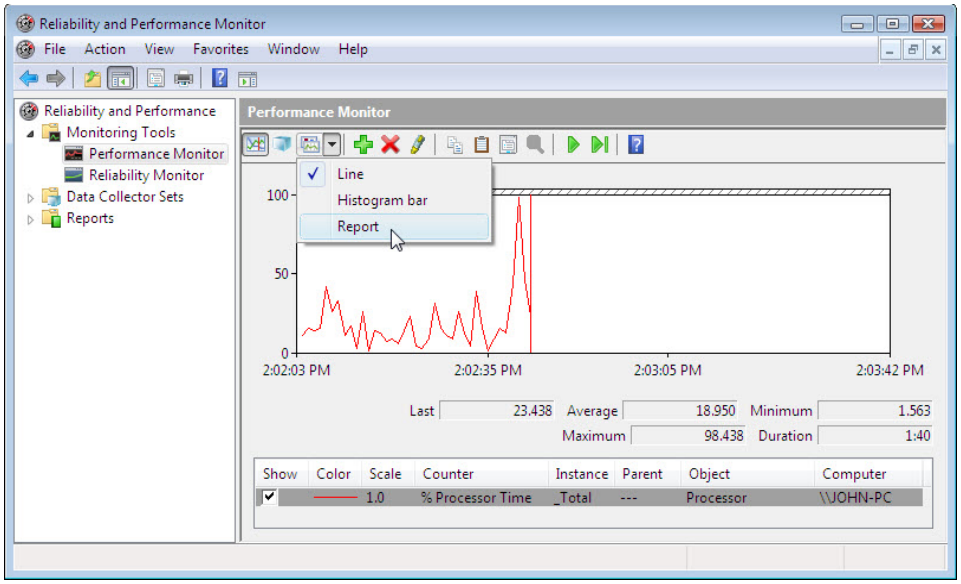
Step 12

Click the “Performance” window so it is activated. Click the **Freeze Display** icon to stop the recording.



3. Which Counter is being recorded the most in the graph (hint: look at the graph color and Counter color)?

Click the Change graph type drop down menu, select **Report**.



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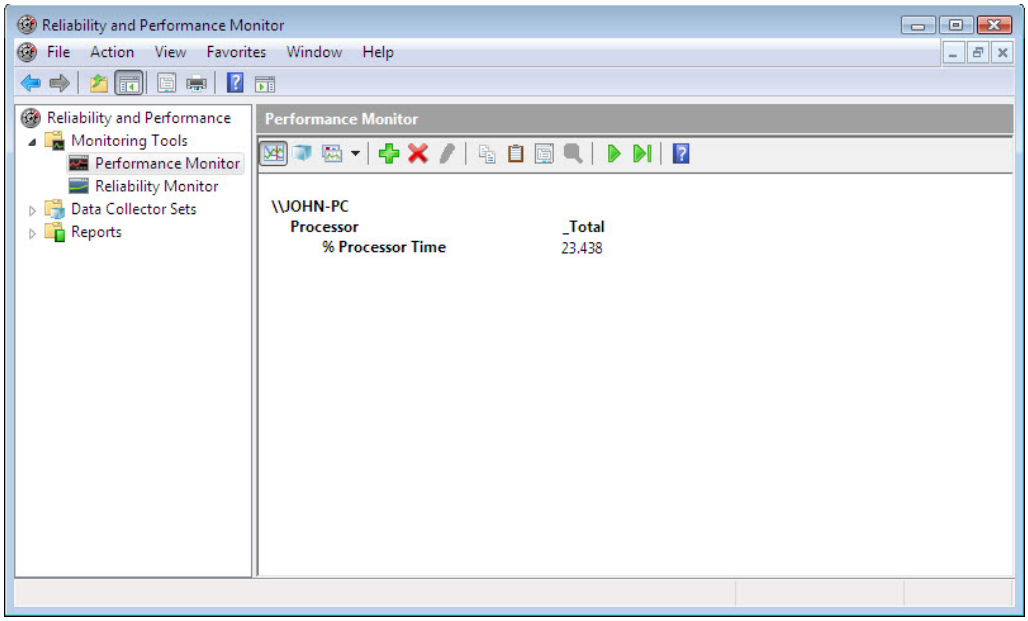
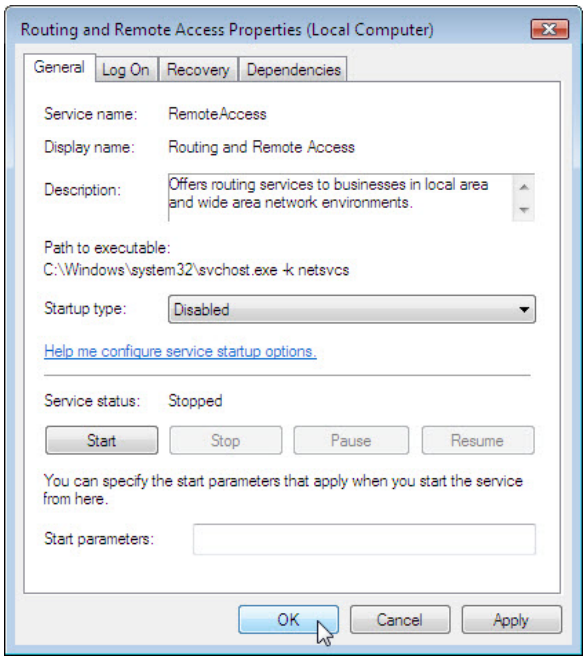
The display changes to report view.



4. List the values of the counter.

Step 13

Click the “Routing and Remote Access Properties (Local Computer)” window so it is activated. In the Startup type select **Disabled**. Click **OK**.



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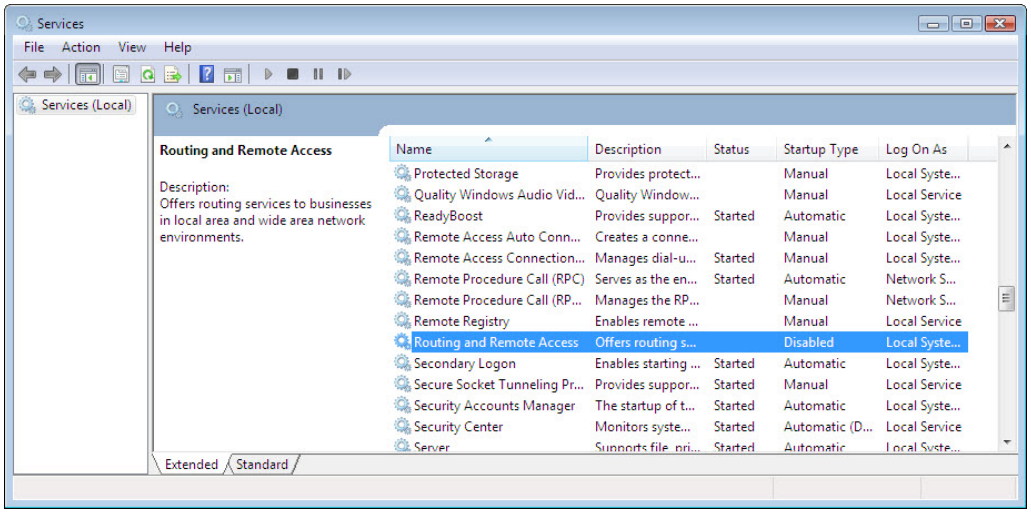
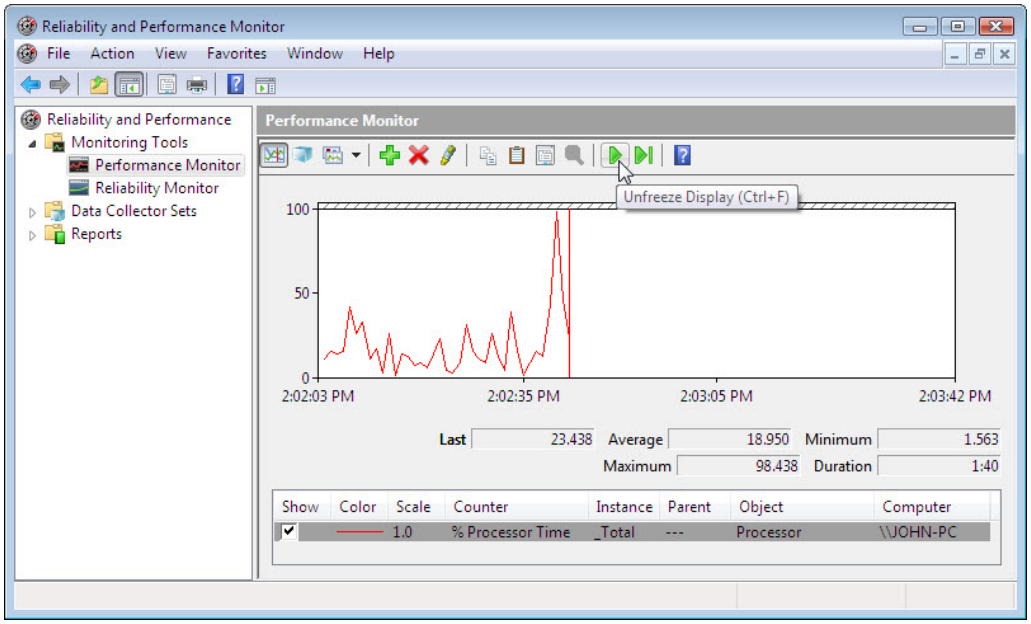
Click the “Service” window so it is activated.



5. What is the Status and Startup Type for Routing and Remote Access?

Step 14

Click the “Performance” window so it is activated. Click the **Unfreeze Display** icon to start the recording.



Step 15

Close all open windows.

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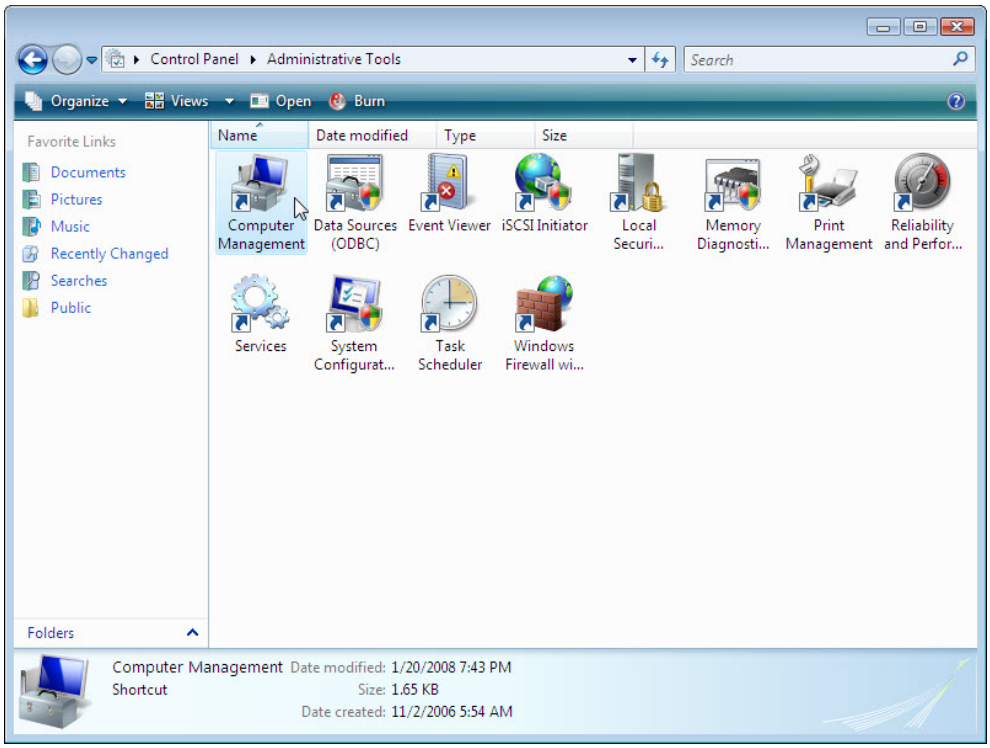
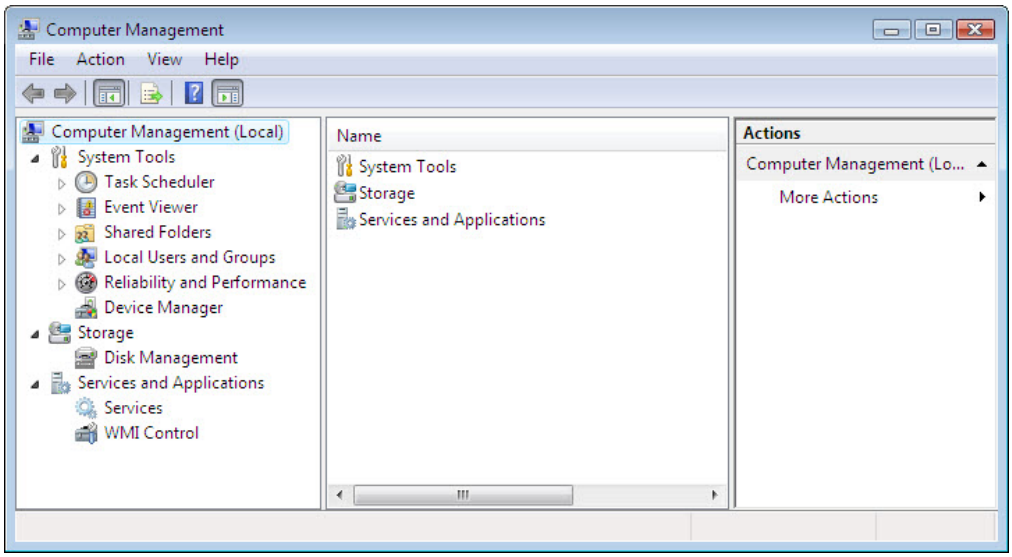
Step 16

Navigate to the “Administrative Tools” window by clicking **Start > Control Panel > Administrative Tools.** Double-click the **Computer Management** icon.
If the “User Account Control” window appears, click **Continue**.



Step 17

The “Computer Management” window appears. Expand the three categories by clicking on the **arrow** next to: System Tools, Storage, and Services and Applications.



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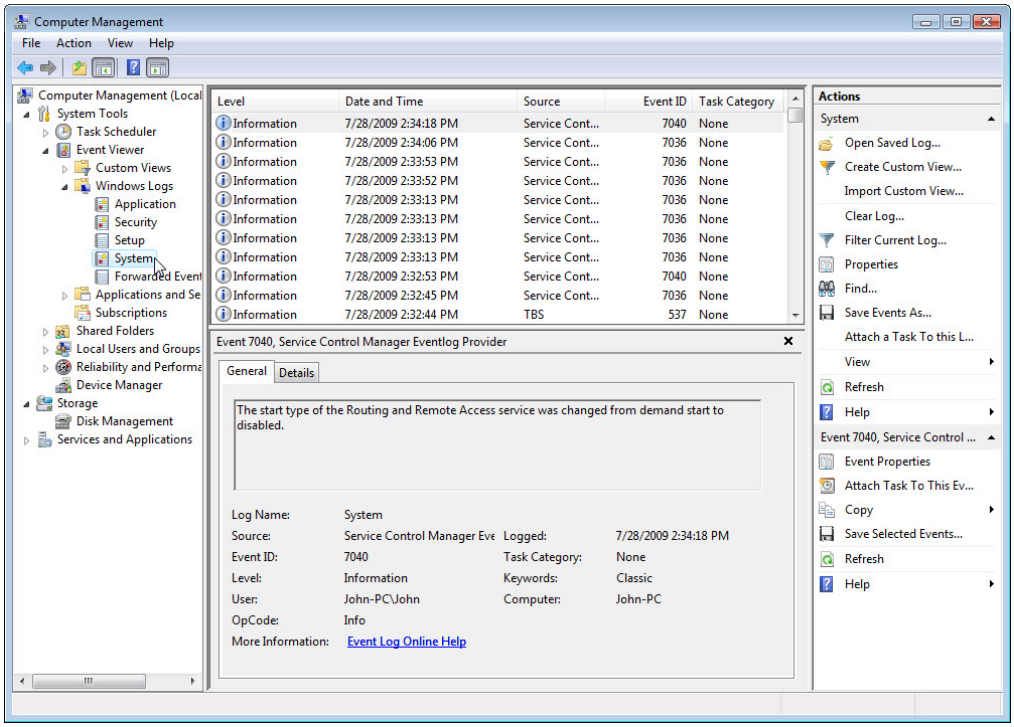
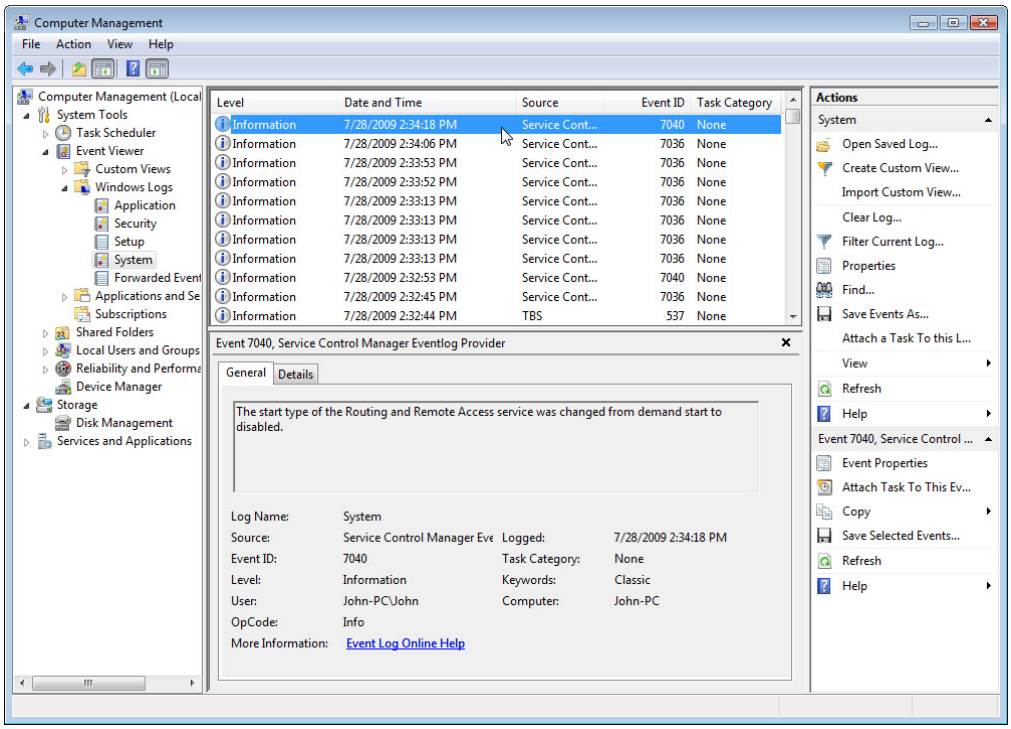
Step 18

Click the **arrow** next to Event Viewer then click the **arrow** next to Windows Logs. Click **System.**



Double click the first event in the window.



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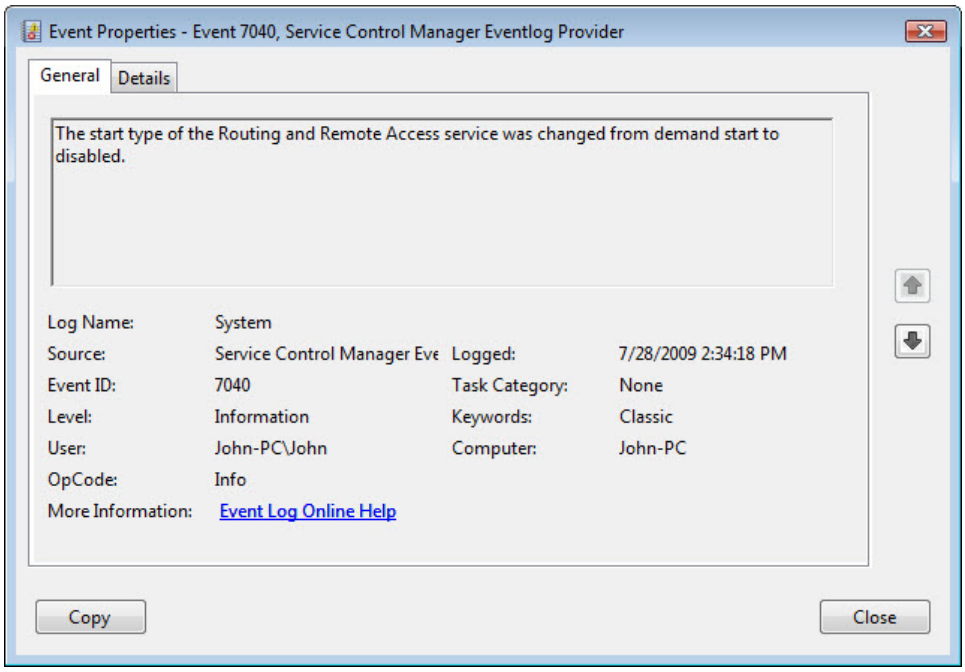
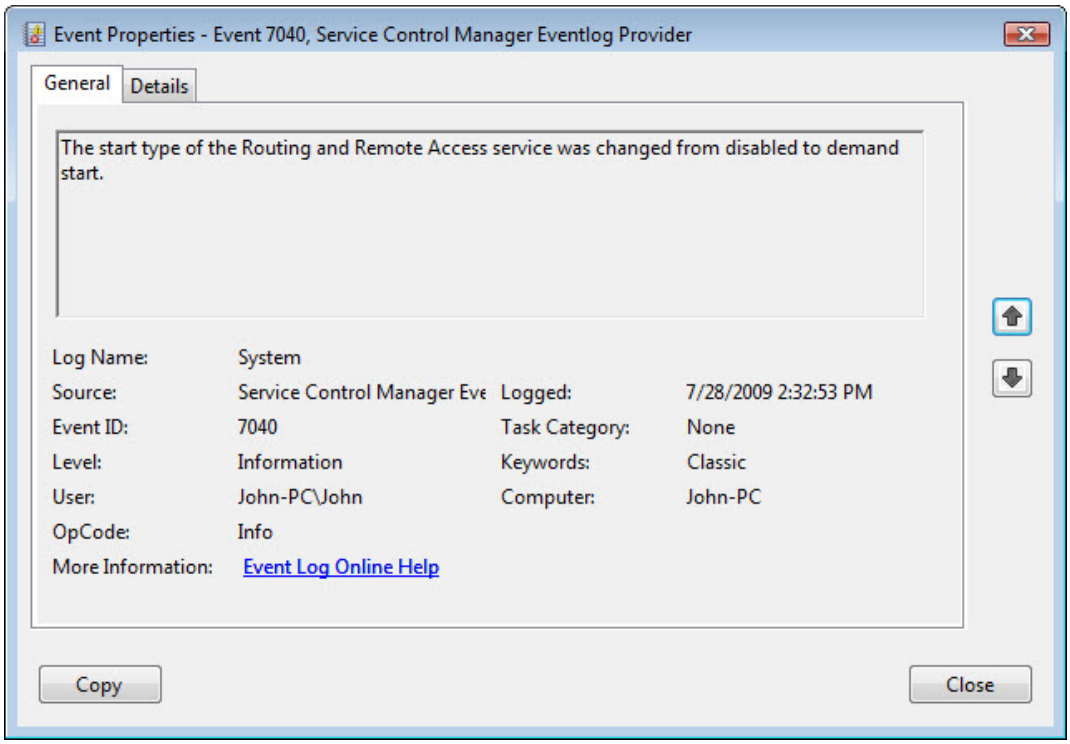
The “Event Properties” window appears for the event. Click the down arrow key to locate an event for Routing and Remote Access.



Step 19

You should find four events that describe the order for starting and stopping the Routing and Remote access service.
Write down the description for each of the four events.



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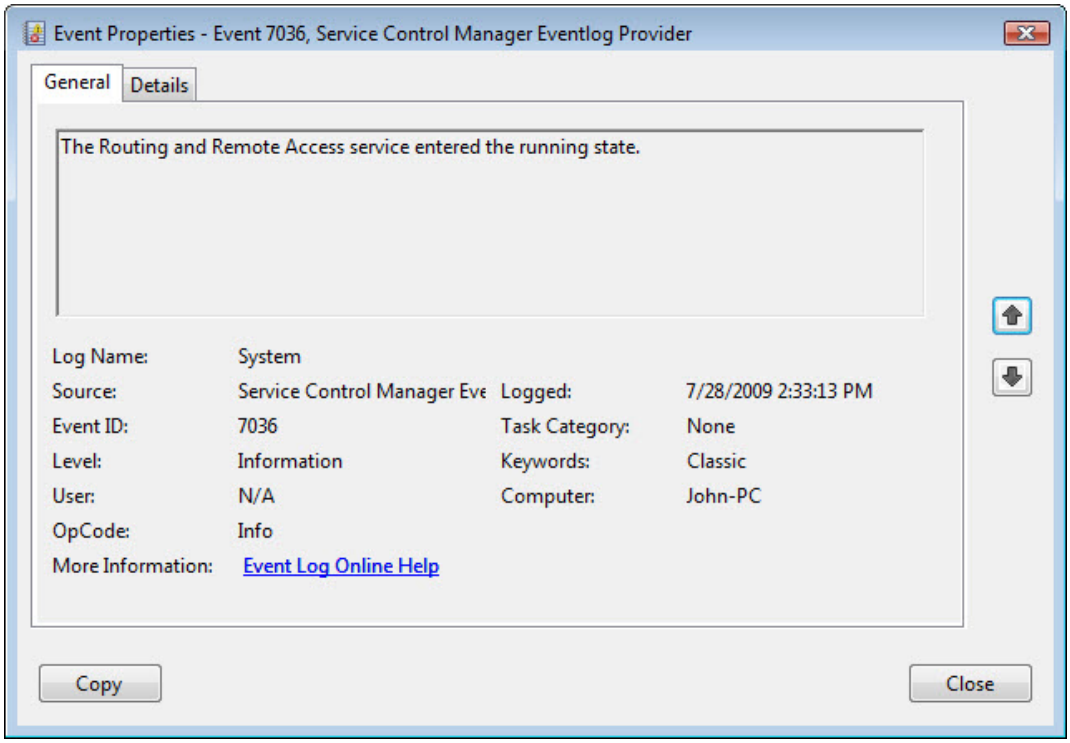

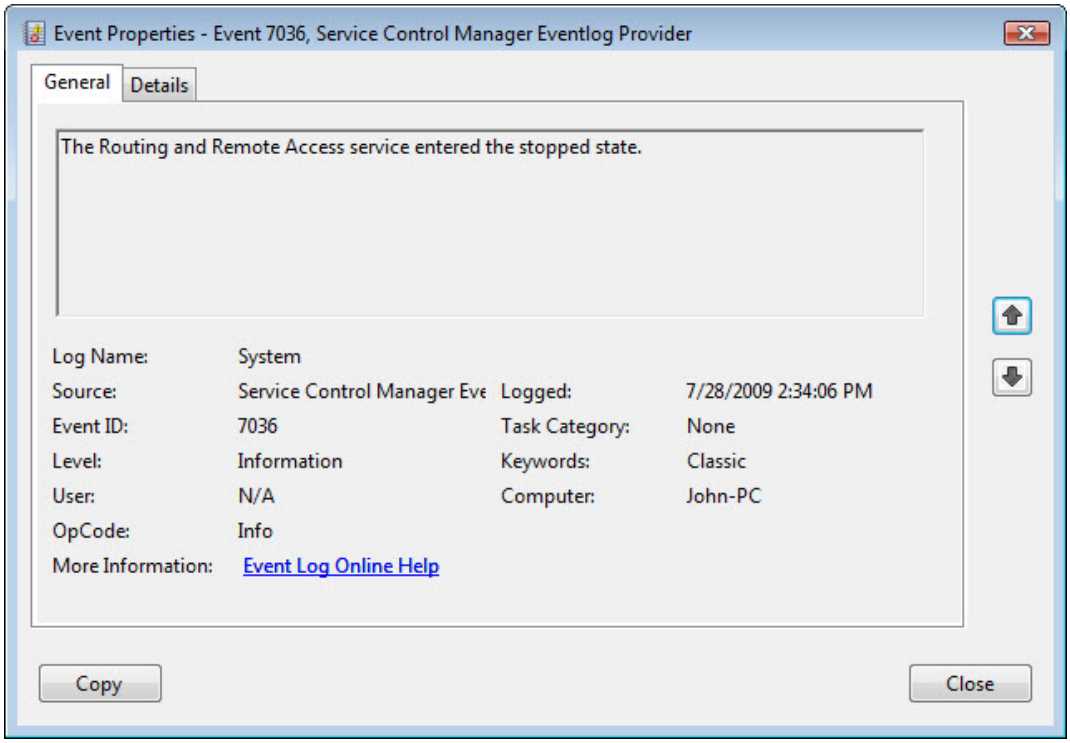

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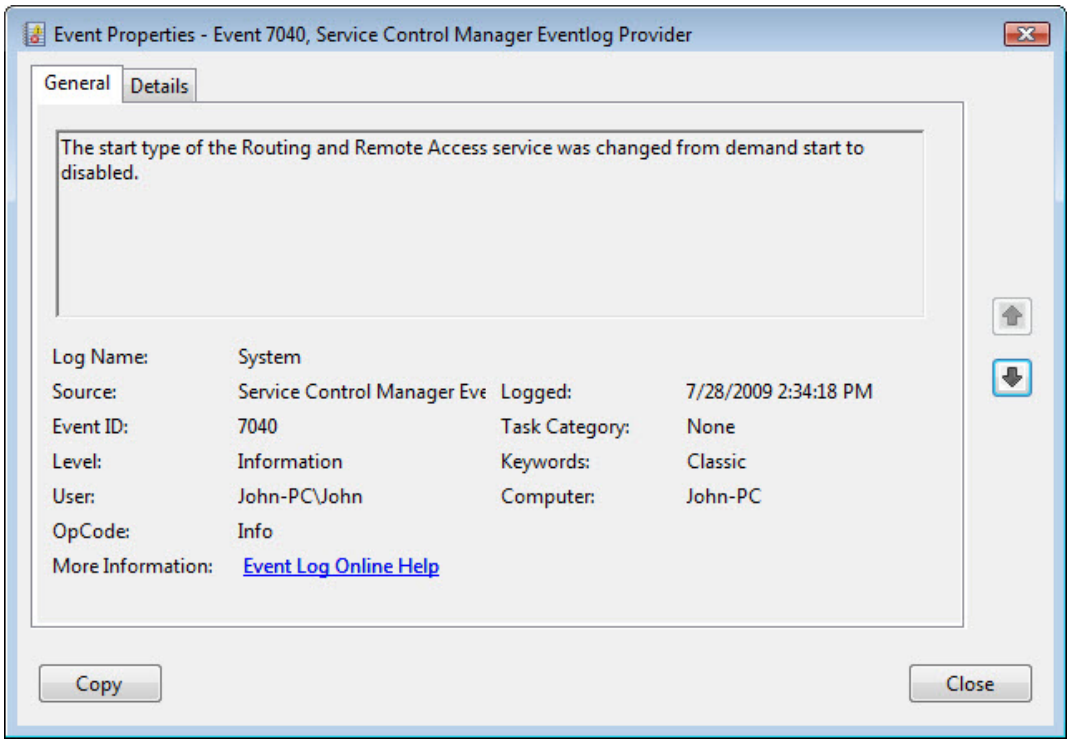
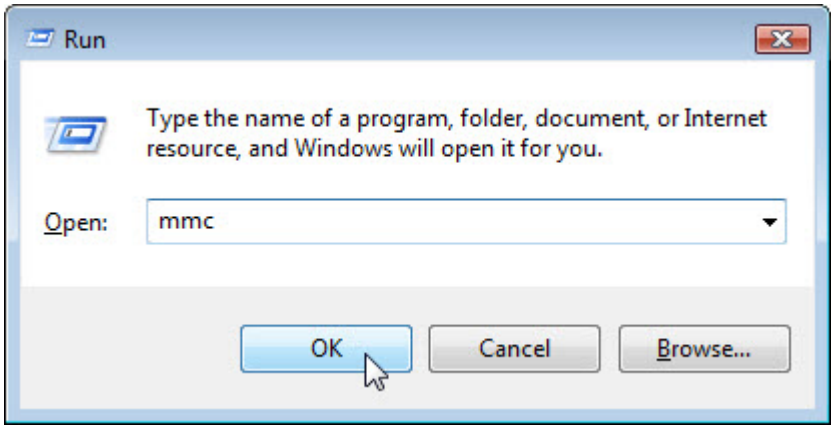


Step 20

Close all open windows.

Step 21

Navigate to the “Run” window by clicking **Start > Run**. Type **MMC** and click **OK**.
f the “User Account Control” window appears, click **Continue**.



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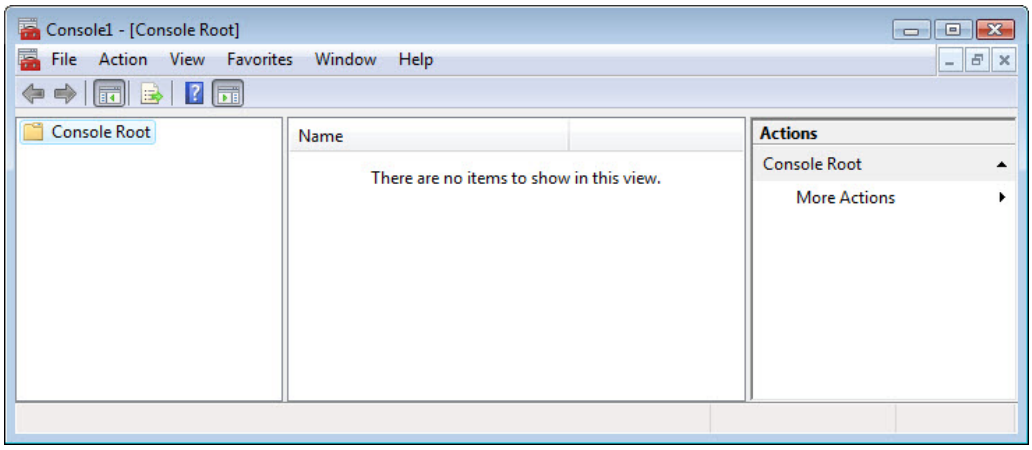
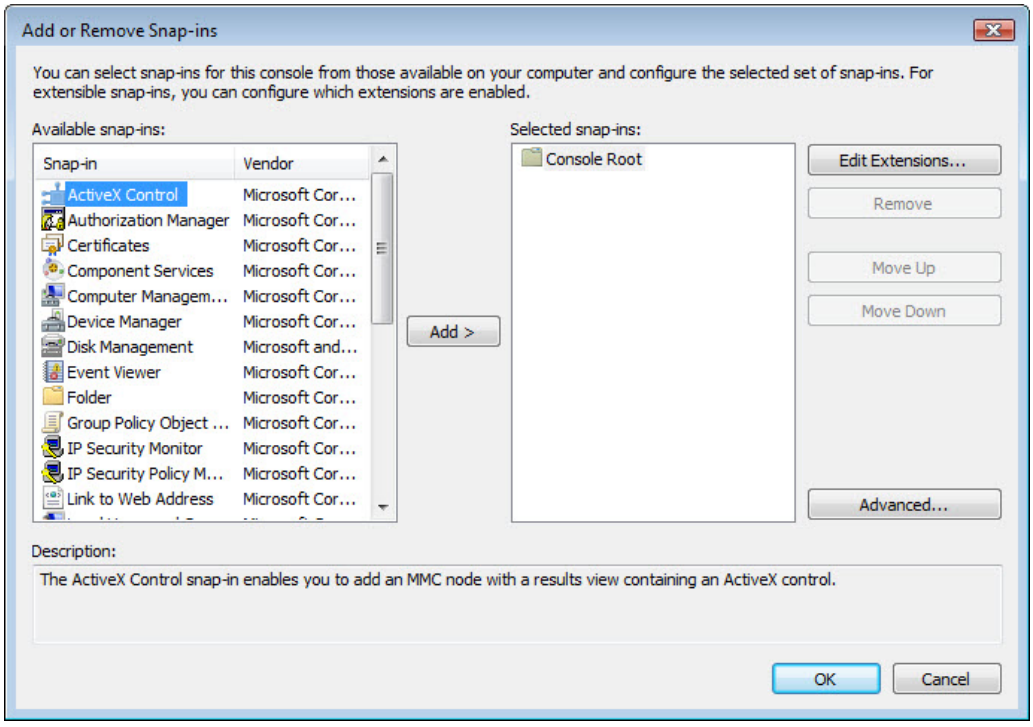
Step 22

The “Console1 [Console Root]” (console number may vary) window appears.



Step 23

To build your own custom console click **File > Add/Remove Snap-in**. The “Add or Remove Snap-in” window appears.



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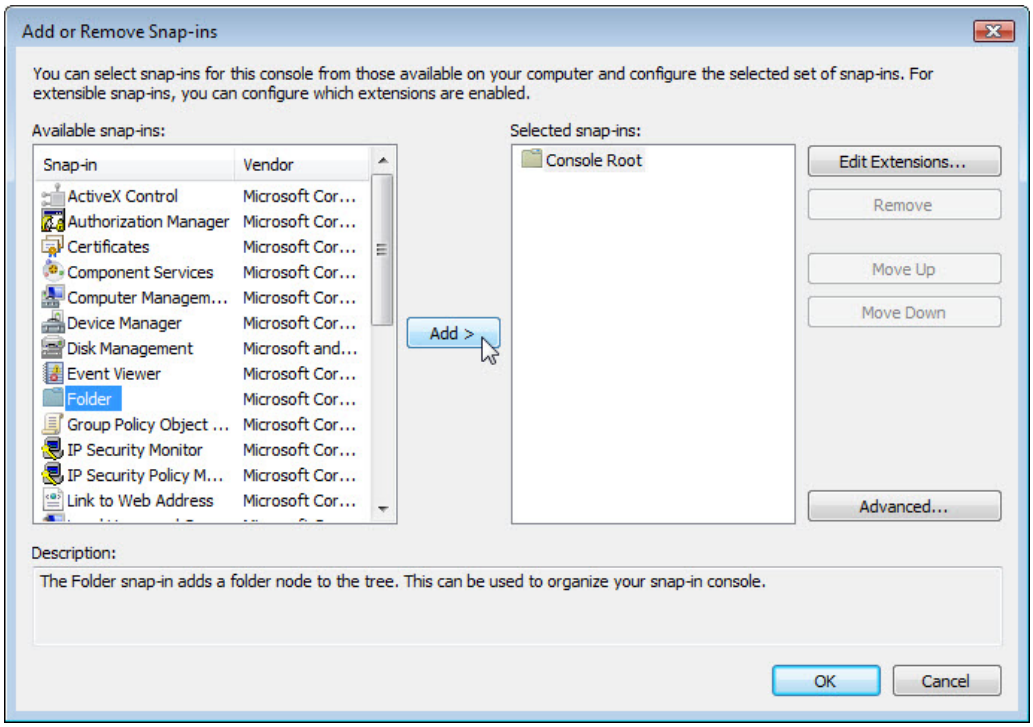
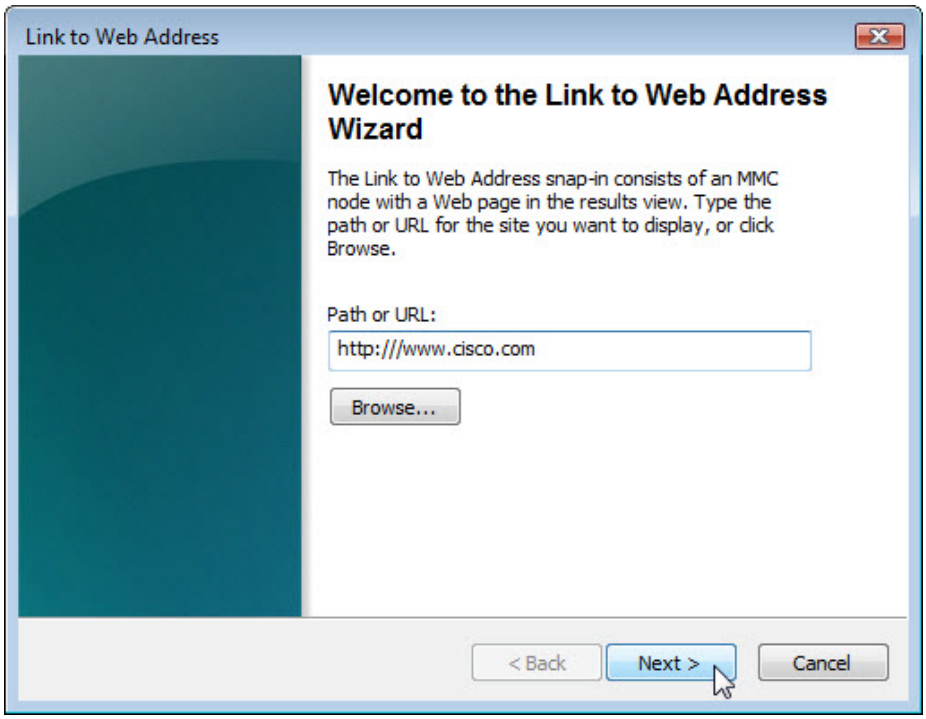
To add a folder snap-in so that you can organize all your snap-ins, scroll down until you see the Folder snap-in. Select **Folder >** click **Add**.



To add the "Link to Web Address" snap-in, scroll down until you see the snap-in. Select **Link to Web Address >** click **Add**. The "Link to Web Address" wizard opens. In the Target box type **http://www.cisco.com/**. Click **Next**.



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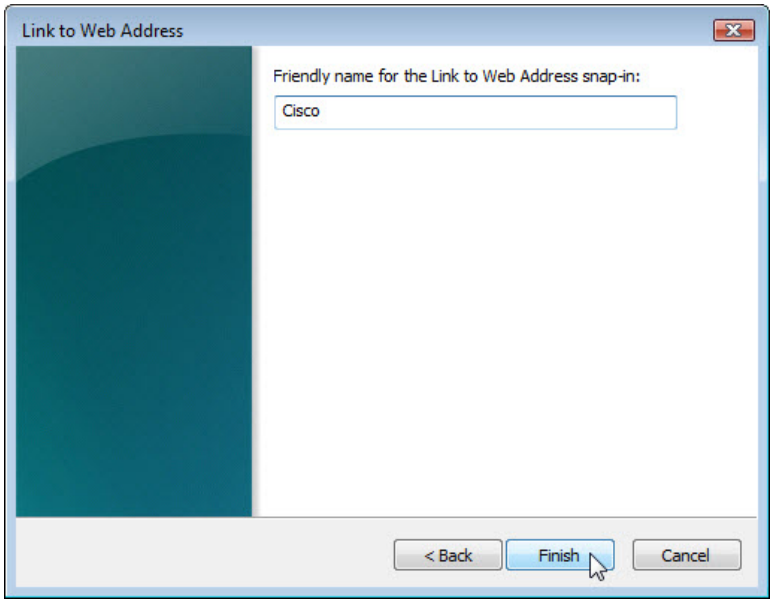
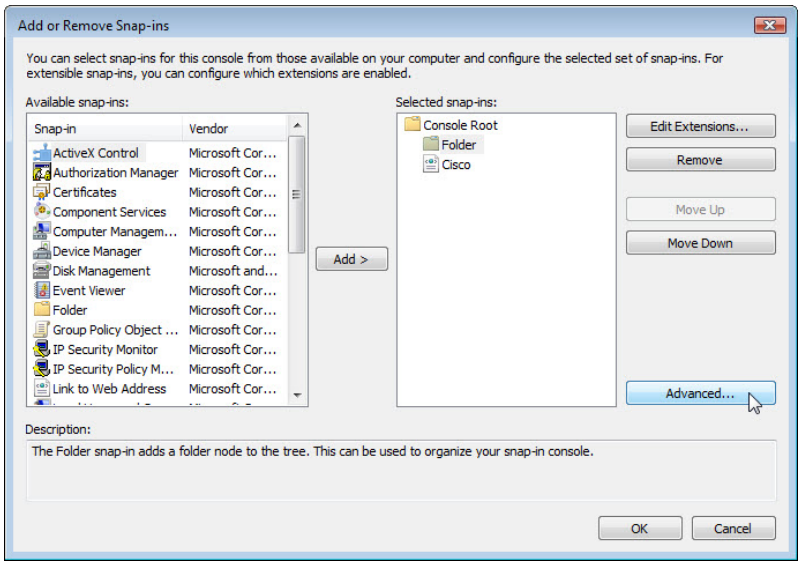
In the “Friendly name for the Link to Web Address snap-in” box type **Cisco**. Click **Finish**.

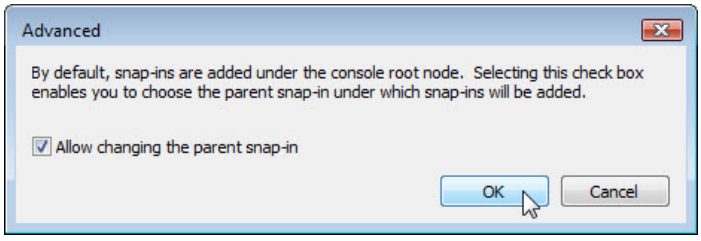


Step 24

To add snap-ins to the folder snap-in, click **Advanced**.



Click in the **box** next to Allow changing the parent snap-in. Click **OK**.



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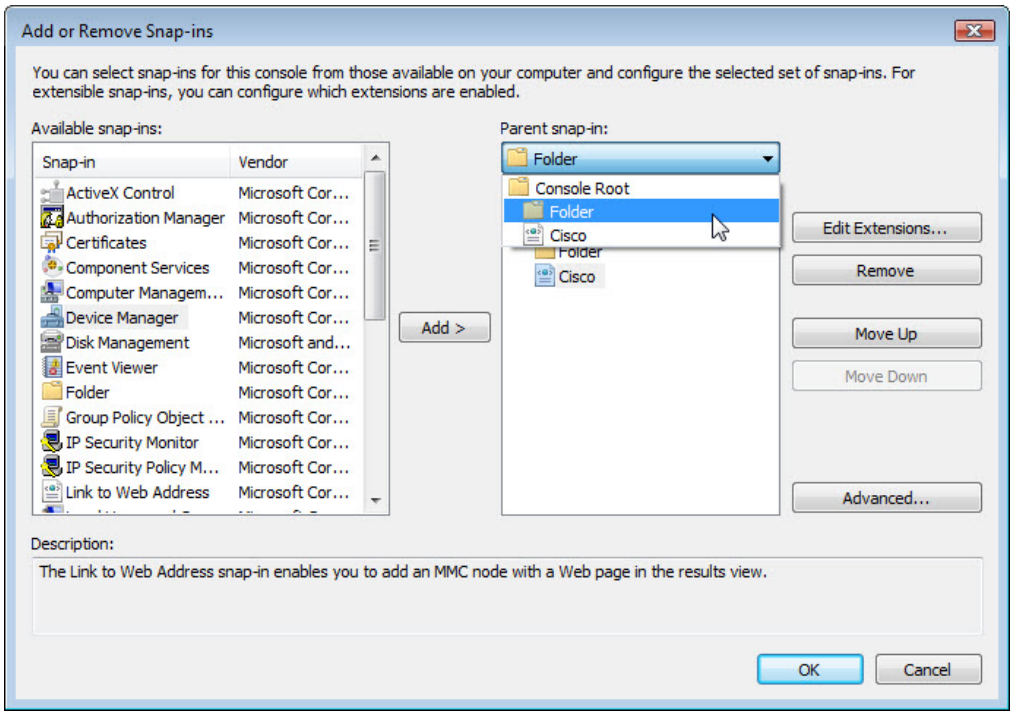
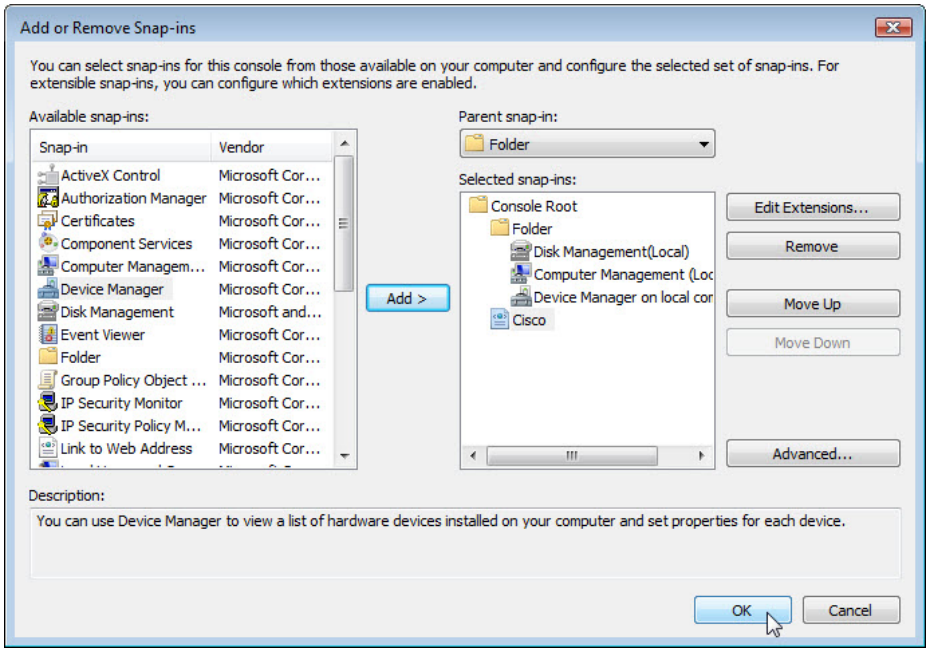
A dropdown menu appears for “Parent snap-in”. In the “Parent snap-in” box select **Folder**.



Add these snap-ins: Computer Management, Device Manager, and Disk Management.

Note: When asked what computer the snap-in will manage; select the default by clicking **Finish**.

Click **OK** to accept all changes.



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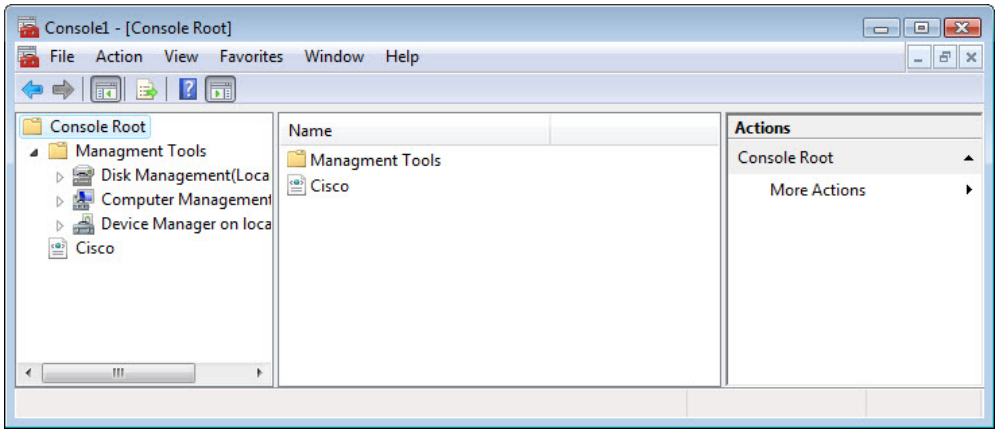
Step 25

The “Console1” window appears. Right click the Folder icon and select Rename. Change the name of the folder to ManagementTools.



To save the custom console click **File > Save As**. Change the file name to your name. Example: **John’s Console**. Change the “Save in” box to **Desktop**. Click **Save**.

Step 26

Close all open windows.

On the desktop double click the **Console** icon to re-open the console with your snap-ins.

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