Lab - Managing System Files

Introduction

In this lab, you will use Windows utilities to gather information about the computer.

Recommended Equipment

- A computer running Windows

Instructions

Part 1: Review the System Information.

a. To open **System Information**, click **Start** and search for **msinfo32**.

b. Click the **plus sign** next to **Hardware Resources**, **Components**, and **Software Environment**.

c. Under the **System Summary** heading locate and list the following:

Processor:

BIOS Version/Date:

Total Physical Memory:

d. Under the **Hardware Resources** heading, locate and list the following:

DMA channels and the device using the resources.

e. Under the **Components** heading locate and list the following:

Network Adapter Name:

Network Adapter Type:

f. Under the **Software Environment** heading, where would you find the applications that automatically load when the computer boots?

g. Close the **System Information** window.

Part 2: Review the System Configuration.

a. To open **System Configuration**, click **Start**, search for **msconfig**.

Note: Do not make any changes in this utility without instructor permission.

b. Click the **General** tab.

What are the startup options?

c. Click the **Boot** tab. This tab is for modifying boot options.

d. Click the **Services** tab. This tab lists the computers services and status.

Can you enable and disable services at this tab?

e. Click the **Startup** tab. This tab indicates that the **Task Manager** is used to manage startup items. There is also a link to **Startup** tab of the **Task Manager** on this tab.

f. Click the **Tools** tab.

What can you do in this tab?

g. Click **Cancel** to close the **System Configuration** window.

Part 3: Review DirectX Diagnostics.

a. Open the **DirectX Diagnostic Tool** by clicking **Start**, and search for **dxdiag**.

b. If you are asked to have DirectX check driver signatures, click **No**.

When the **DirectX Diagnostic Tool** first opens, it may take a minute to load all information.

c. Make sure the **System** tab is active.

What does this tool report?

d. Click **Next Page** until you are at the **Display** tab.

What information is listed on this page?

e. Click **Next Page** until you are at the **Sound** tab.

What information is listed on this page?

f. Click **Next Page** until you are on the **Input** tab.

What information is listed on this page?

g. List any additional tabs in your DirectX Diagnostic Tool window below.

What information is listed on these extra tabs?

h. Click **Exit** when finished.

Reflection Questions

1. Why would it be beneficial to turn off a service in the system configuration?

2. When would you use the startup tab of the system configuration tool?