5.7.2 Optional Lab: Managing Device Drivers with Device Manager in Windows Vista

Introduction

Print and complete this lab.

In this lab, you will use Windows Device Manager to gather information about different drivers and learn how Device Manager manages drivers.

Recommended Equipment

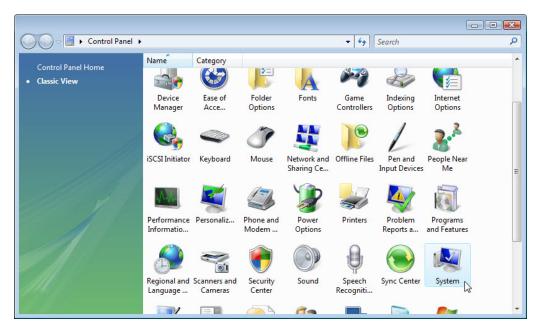
The following equipment is required for this exercise:

• A computer running Windows Vista

Step 1

Log on to the computer as an administrator.

Navigate to the "Control Panel" by clicking **Start > Control Panel**. Double-click the **System** icon.



The "System" window appears. At the left pane click **Advanced system settings**. If User Account Control appears, click **Continue**.

~				×
😋 🔾 🗢 🖳 🕨 Control Panel 🕨	System	▼ 4 ₂	Search	Q
Tasks Outline Manager Remote settings System protection Advanced system settings	View basic information about your computer Windows edition Windows Vista [™] Business Copyright © 2007 Microsoft Corporation. All rights reserved. Service Pack 1 Upgrade Windows Vista			
	System Rating: Processor: Memory (RAM): System type:	1.51 GB 32-bit Operating System	ndex : Unrated T7500 @ 2.20GHz 2.19 GHz	E
See also Windows Update Security Center	Computer name, domain, an Computer name: Full computer name: Computer description: Workgroup:	d workgroup settings John-PC John-PC WORKGROUP	Change settings	-
Performance	Windows activation			-

The "System Properties" window appears. Open "Windows Update Driver Settings" by clicking **Hardware** tab **> Windows Update Driver Settings** button.

	5	1		Le	_
Computer Name	Hardware	Advanced	System Protect	tion Remo	te
Device Mana		nager lists all	the hardware de	evices instal	ed
	your compute perties of any		evice Managert	o change th	ne
			Device M	lanager	
	ose whether ware.	to check W	indows Update f	or driver	
		_	indows Update f Vindows Update		ngs
		_			ngs

Accept the default setting and click **OK**.



Step 3

Click the **Device Manager** button.

ystem Properties	X
Computer Name Hardware Advanced System Protection Remote	
Device Manager The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.	
Device Manager	
Windows Update Driver Settings Choose whether to check Windows Update for driver software.	
Windows Update Driver Settings	
OK Cancel Apply	

Click the **plus sign** next to Display adapters. Right click the adapter name and select **Properties**.

🚔 Device Manager		- • •
File Action View Help		
♦ ♦	📴 😼 🚯	
JOHN-ULTIMATE	Update Driver Software Disable Uninstall Scan for hardware changes Properties	
Opens property sheet for the currer	t selection.	
je - Carlos		

Step 5

The "Display adapters Properties" window appears.

Standard	Standard VGA Graphics Adapter Properties							
General	Driver	Details	Resources]				
-	Standard VGA Graphics Adapter							
	Device type:		Display a	dapters				
	Manufa	acturer:	(Standard	d display types)				
	Locatio	on:	PCI bus	1, device 0, function 0				
Devic	e status							
This	device is	working	properly.		^			
					*			
				ОК	Cancel			

What information is displayed under the General tab?

Click the **Driver** tab.

Standard	VGA Gra	phics Ad	apter Properties	? <mark>×</mark>
General	Driver	Details	Resources	
	Standa	rd VGA G	iraphics Adapter	
	Driver I	Provider:	Microsoft	
	Driver I	Date:	21/06/2006	
	Driver	Version:	6.0.6000.16386	
	Digital	Signer:	microsoft windows	
Driv	ver Detail	s	To view details about the driver fi	iles.
Upd	ate Drive	r	To update the driver software for	this device.
Roll	Back Driv	/er	If the device fails after updating t back to the previously installed d	
	Disable		Disables the selected device.	
	Jninstall		To uninstall the driver (Advanced	I).
			ОК	Cancel

What functions can you accomplish from this page?

Step 7

Click the **Detail** tab. This tab provides more details about the hardware.

	VGA Gra			? -
General	Driver	Details	Resources	
Propert		rd VGA G	iraphics Adapter	
	, e descripti	ion		•
Value				

Click the **Resource** tab.

tandard VGA Graphic	s Adapter Properties	? 💌
General Driver Det	ails Resources	
Standard W Resource settings:	GA Graphics Adapter	
Resource type	Setting	
Memory Range	F0000000 - F3FFFFF C800 - C8FF	
Memory Range	FF4FC000 - FF4FFFFF	-
Setting based on:		Ŧ
Conflicting device list	Use automatic settings Change Set	ting
No conflicts.		*
		Ŧ
	ОК	Cancel

What information is displayed under the Resource tab? Answers may vary.

Close the "Display adapters Properties" windows, click Cancel.

Step 9

Navigate to the "Network adapter Properties" window" by clicking the **plus sign** next to Network adapters > right click the adapter name > select **Properties**.

Intel(R) PF	RO/100+ Ma	inagemi	ent Adap	ter Properti	es	? <mark>×</mark>	
General	Advanced	Driver	Details	Resources	Power Mar	nagement	
2	Intel(R) PRO/100+ Management Adapter						
	Device type:			adapters			
	Manufactu	rer:	Intel				
	Location:		PCI bus 2	2, device 9, fu	unction 0		
Devic	e status						
This	device is wor	king proj	oerty.			*	
						.*	
					ок	Cancel	

Which tabs are available?

Are there any extra tabs?

What is the purpose of the extra tabs?

Close the "Network adapters Properties" windows, click **Cancel**. Close all windows and log off.