IT Essentials 5.0

5.3.2.22 Lab - Managing Device Drivers with Device Manager in Windows XP

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

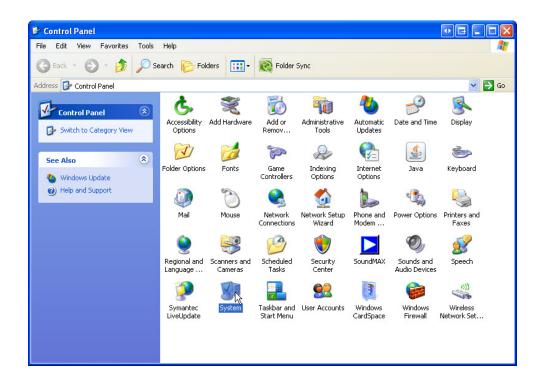
The following equipment is required for this exercise:

• A computer running Windows XP Professional

Step 1

Log on to the computer as an administrator.

Click **Start > Control Panel** > double-click the **System** icon.



Step 2

The "System Properties" window opens.

ystem Pro	perties	?
System	Restore Automatic Updates Ren	note
General	Computer Name Hardware Adva	anced
Device M	The Device Manager lists all the hardware devices installer on your computer. Use the Device Manager to change the	
	properties of any device. Device Manager	
Drivers	Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers. Driver Signing Windows Update	Þ
Hardware	e Profiles Hardware profiles provide a way for you to set up and store different hardware configurations.	
	Hardware Configurations.	
	OK Cancel	Apply

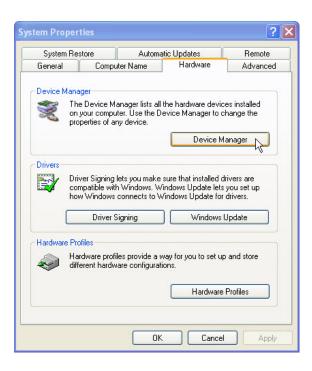
Click the **Hardware** tab **> Driver Signing** button.



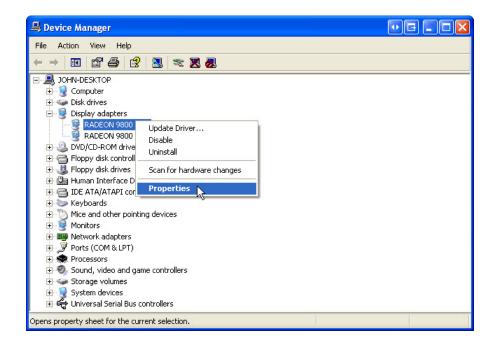
Accept the default setting and click **OK**.

Step 3

Click the **Device Manager** button.



The "Device Manager" window opens.



Select the plus sign next to "Display adapter" icon. Right-click the adapter name and select Properties.

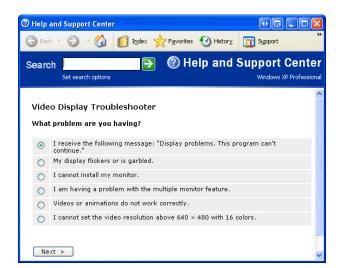
Step 4

The "Display adapters Properties" window opens.

RADEON 9800 PRO Properties					
General	Driver Details	Resources			
9	RADEON 9800 PRO				
	Device type:				
	Manufacturer:	ATI Technologies Inc.			
	Location:	Location: PCI bus 1, device 0, function 0			
Devic	e status				
This device is working properly.					
		Troubleshoot			
Device usage:					
Use this device (enable)					
		ОК	ancel		

What information is displayed under the General tab?

Click the **Troubleshoot** ... button.



What window opens?

Close the "Help and support center" window.

Step 5

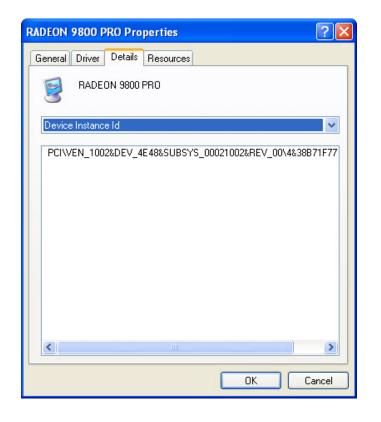
Click the Driver tab.

RADEON 9800 PRO Properties					
General	Driver	Details	Resources		
9	RADEON 9800 PRO				
	Driver	Provider:	ATI Technologies Inc.		
	Driver Date:		2/21/2006		
	Driver Version:		8.231.0.0		
	Digital	Signer:	Microsoft Windows Hardware Compatibility Publ		
Driv	er Detail:	s	To view details about the driver files.		
Upd	late Drive	er	To update the driver for this device.		
Roll	Back Dri	ver	If the device fails after updating the driver, roll back to the previously installed driver.		
	Jninstall		To uninstall the driver (Advanced).		
			OK Cancel		

What functions can you accomplish from this page?

Step 6

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



Step 7

Click the Resources tab.

ADEON 9800 PRC	Properties	? 🔀
General Driver D	etails Resources	
PADEON	9800 PRO	
Resource settings:		
Resource type	Setting	^
I/O Range		
ing Ing	16	~
Setting based on:		*
[Use automatic settings	ge Setting
Conflicting device lis	st:	
No conflicts.		~
		<u>v</u>
	ОК	Cancel

What information is displayed under the Resources tab?

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

Step 8

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

Marvell Y	<mark>/ukon 88</mark> E	8001/	8003/8	010 PCI Gi	gabit Ether ? 🔀	
General	Advanced	Driver	Details	Resources	Power Management	
H	Marvell Yukon 88E8001/8003/8010 PCI Gigabit Ethernet Controller					
	Device type: N		Network adapters			
	Manufacturer:		Marvell			
	Location: PCI bus 2, device 5, function 0				unction 0	
Devic	e status					
lf you	This device is working properly. If you are having problems with this device, click Troubleshoot to start the troubleshooter.					
					~	
	Troubleshoot					
Device usage:						
Use thi	Use this device (enable)					
					OK Cancel	

Which tabs are available?

Are there any extra tabs compared to the display adapter?

What is the purpose of the extra tabs?

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

Close all windows and log off.