IT Essentials 5.0

6.8.2.6 Lab - Install a Wireless NIC in Windows XP

Introduction

Print and complete this lab.

In this lab, you will install and configure a wireless NIC.

Recommended Equipment

- A computer with Windows XP installed
- Empty PCI or PCIe slot on the motherboard
- A wireless PCI or PCIe NIC
- An antistatic wrist strap
- Tool kit

Step 1

Turn off your computer. If a switch is present on the power supply, set the switch to "0" or "off". Unplug the computer from the AC outlet. Remove the side panels from the case.

Put on the antistatic wrist strap and attach it to an unpainted metal surface of the computer case.

Choose an appropriate slot on the motherboard to install the new wireless NIC.

You may need to remove the metal cover near the slot on the back of the case.



Make sure the wireless NIC is properly lined up with the slot. Push down gently on the wireless NIC.



Secure the wireless NIC mounting bracket to the case with a screw.



Attach the antenna to the antenna connector on the back of the computer.

Disconnect the antistatic wrist strap. Replace the case panels. Plug the power cable into an AC outlet. If a switch is present on the power supply, set the switch to "1" or "on".

Step 2

Boot your computer, and then log on as an administrator.

The wireless NIC will be detected by Windows. The "Found New Hardware Wizard" window will open.



Select the Yes, this time only radio button, and then click Next.

Insert the manufacturer's CD.

Select the Install the software automatically (Recommended) radio button, and then click Next.



Step 3

Right-click My Computer, and choose Manage.

Choose Device Manager, and then expand "Network Adapters".

What network adapters are installed in the computer?



Step 4

Double-click on the network adapter you just installed to open the "Properties" window.

Realtek RTL 8188SU Wireless LAN 802.11n 🛛 🔹 🏹				
General Advanced Driver Details Power Management				
Realtek RTL8188SU Wireless LAN 802.11n Network Adapter				
Driver Provider: Realtek Semiconductor Corp.				
Driver Date: 11/25/2010				
Driver Version: 1084.45.1125.2010				
Digital Signer: Microsoft Windows Hardware Compatibility Publ				
Driver Details To view details about the driver files.				
Update Driver				
Roll Back Driver If the device fails after updating the driver, roll back to the previously installed driver.				
Uninstall To uninstall the driver (Advanced).				
OK Cancel				

Click Driver tab > Update Driver...

The "Hardware Update Wizard" starts.



Select Yes, this time only > Next.

Hardware Update Wizard			
	This wizard helps you install software for: Airlink101 AWLL5077 Golden 150 Wireless USB Adapter If your hardware came with an installation CD or floppy disk, insert it now. What do you want the wizard to do? Install the software automatically (Recommended) Install from a list or specific location (Advanced) Click Next to continue.		
	< Back Next > Cancel		

Select Install the software automatically (Recommended) > Next.

The "Please wait while the wizard searches..." screen appears.

Hardware Update Wizard			
Please wa	it while the wizard searches		
HH	Airlink101 AWLL5077 Golden 150 Wireless USB Adapter		
	8		
	< Back Next > Cancel		

The "Please wait while the wizard installs the software..." screen appears.



The "Completing the Hardware Update Wizard" screen appears.



Once the software is installed, click **Finish**.

Step 5

If required to reset the computer to the state at the start of the lab, complete the following tasks:

To uninstall the driver, click **Start > Control Panel > System > Hardware** tab **> Device Manager >** expand "Network Adapters". Then right-click the newly install wireless NIC and select **Uninstall > OK**.

🚇 Device Manager		ve – DX
File Action View Help		
← → 12 22 🖨 22 02 32 32 🗷 🙇]	
JOHN-PC Gomputer Jok drives Josk drives J		
Keyboards Mice and other pointing devices Mice and apters Marvel Vukon 88E8001/8003/8010 PCI Gige Mice and game controllers Storage volumes	abit Ethernet Controller Update Driver Disable Uninstall Scan for hardware changes	×
Uninstalls the driver for the selected device.	Properties	

To remove software that was installed along with the wireless NIC driver, click **Start > Control Panel > Add or Remove Programs >** select the software **> Change/Remove**. Follow instructions to fully remove the software. Shut down the computer.

To remove the wireless NIC from the computer, reverse the steps from the start of this lab.