Name: _____ Date: _____

Lab 9 Wireless Router

Install a wireless NIC. Set up and test a Wireless Router.

Items needed

1. Wireless Router Quick Start and Users Guide
2. Anti-static strap and paper clip (one side straightened)
3. Wireless NIC
4. Patch cable
5. Wireless Router
6. Client PC
7. Router Management PC (to configure the wireless router)

Instructions

1. Verify Internet connectivity of Client PC and Router Management PC.
2. Using the anti-static strap, install the Wireless NIC in the Client PC and verify Internet connectivity to an open authentication wireless network.
3. Physically install and configure the Wireless Router.
    a. Physically reset router with paper clip.
    b. Change Administrator password to P@ssw0rd.
    c. Set SSID to the name given by the instructor or your last name.
    d. Automatically assign IP configuration information for 50 IP addresses, starting with the 50th assignable IP address.
4. Test Internet access from Router Management PC.
5. Test Internet access from Client PC.
6. Setup the Wireless Router using WPA2 encryption.
7. Test Internet access from Client PC using WPA2 encryption.
8. Take a screen shot of the log and save as ***Lastname*_Lab9.png**.
9. Have instructor initial completion here _____.

Fill in documentation:

1. SSID _____
2. Passphrase _____
3. Client PC's IP configuration information
    a. IP address _____
    b. Subnet mask _____

   c. Default gateway _____
   d. DNS address _____
4. WAN IP configuration information
   a. IP address _____
   b. Subnet mask _____
   c. Default gateway _____
   d. DNS address _____
5. LAN IP configuration information
   a. DHCP server Start IP _____
   b. DHCP server End IP _____