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Reporte Prácticas

Laboratorio / Packet Tracer



Student Name	Date	MM	DD	YYYY
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Practice Name				
13.1.10 Packet Tracer – Configure a Wireless Network				

Competencies to develop
Connect to a wireless router <ul style="list-style-type: none"> · Configure the wireless router · Connect a wired device to the wireless router · Connect a wireless device to the wireless router · Add an AP to the network to extend wireless coverage · Update default router settings

The Most Important	The most complicated
Configure admin to use DHCP	Configure wireless security settings
Configure the WR SSID	Configure the Internet Port of WR
Configure the Access Point	

Errors	How they were resolved
1.- there were no errors in this practice	
2.-	
3.-	

All Troubleshooting activities must be use this part to report the errors found and their solution. In the session how the problem was solved, put the commands that solve the problem

Conclusions
Something I had never done before is to update default configurations, so this practice helped me to learn how to do it, as well as how to configure the access points to support users and packets they send.

Evidences
Step 2: Configure Admin to use DHCP. What is the IP address of the computer? R= 192.168.0.100

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What is the subnet mask of the computer?

R = 255.255.255.0

What is the default gateway of the computer?

R = 192.168.0.1

Step 3: Connect to the WR Web Interface.

Is the IP address for Admin within this range? Is it expected? Explain your answer.

R = Yes the address that Admin has is 192.168.0.100/24, belongs to 192.168.0.0/24 and in the range of 192.168.0.100 to 192.168.0.149

Step 2: Change the DHCP address range in WR

f. Note that the DHCP range of addresses has been automatically updated to reflect the interface IP address change. The Web Browser will display a Request Timeout after a short time. Why?

R = The IP address of Admin is outside the new range of the DHCP server.

What is the new IP address information for Admin?

R = 192.168.50.101

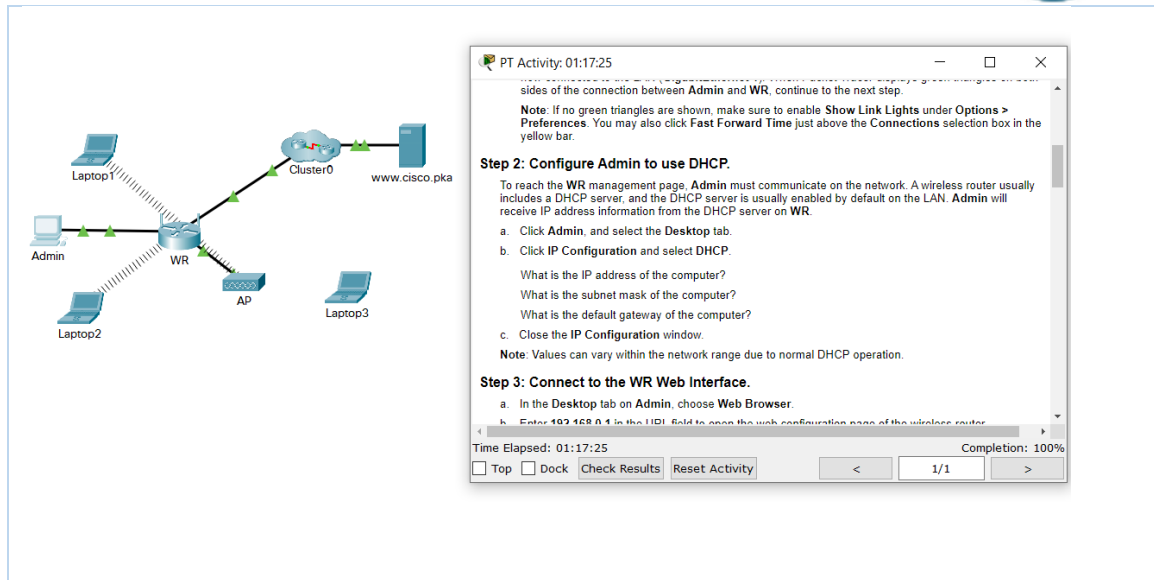
I. Notice that Laptop1 connected to the AP instead of WR.

Why? R = Because Laptop 1 has more signal of AP

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Assessment Items	Status	Poin
[-] Network		
[-] Admin		0
[-] Ports		0
[-] FastEthernet0		0
✓ DHCP client enable	Correct	1
[-] AP		
[-] Wireless		
[-] Security Mode		
✓ Authen Type	Correct	1
✓ Encryption Type	Correct	1
✓ Pass Phrase	Correct	1
✓ SSID	Correct	1
[-] Laptop1		0
[-] Wireless		0
✓ SSID	Correct	1
[-] Laptop2		0
[-] Wireless		0
✓ SSID	Correct	1
[-] Laptop3		0
[-] Wireless		0
✓ SSID	Correct	1
[-] WR		
✓ Default Gateway	Correct	1
[-] DHCP Server		
[-] Pools		
[-] Pool linksysPool		
✓ Default Gateway	Correct	1
✓ DNS server IP	Correct	1
✓ Start IP address	Correct	1
✓ DNS Server IP	Correct	1
✓ Password	Correct	1
[-] Ports		
[-] Internet		
✓ IP Address	Correct	1
✓ Subnet Mask	Correct	1
[-] Wireless 2.4G		
[-] Security Mode		
✓ Authen Type	Correct	1
✓ Encryption Type	Correct	1
✓ Pass Phrase	Correct	1
✓ SSID	Correct	1