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Assignment: Setting Up Multi User Network

Schedule: MW 3:00 - 5:00 pm

Addressing Tables

CS NET		CPE NET	
LAN Network Address	198.11.15.0	LAN Network Address	128.0.0.0
Wireless Network	192.168.10.0	Wireless Network	10.0.0.0
SSID	cswirelessnet	SSID	cpewirelessnet
WPA2	csguestconnect	WPA2	cpeguestconnect

Objectives:

1. Develop the Topology
2. Apply the given addressing
3. Create DHCP, DNS and HTTP on the given network
4. Assign a Partner
5. There will be 3 files to be created, CSNET, CPENET, and ISP
6. Use the Addressing table information for wireless setup
7. User Multi User setup to connect the 3 networks

Reflection:

1. What is the purpose of multi user configuration in this network?

Answer: Allows multiple users that are on different computers to access a single system's OS resources simultaneously

2. What are the 2 methods in addressing the wireless router? How does one method differ from the other?

Answer: Static IP routing and DHCP. With a static IP address, this unique number stays the same. This number is automatically assigned to each device from a pool of available numbers on the network.

3. Enumerate the most important procedure in setting up a wireless environment.

1. Change the password Router's of Default Administrator.
Out of the box, most routers contain a default user ID and password.
2. Change the Default SSID and Disable SSID Broadcast
3. All routers are shipped with a Service Set Identifier (SSID) that's set by the manufacturer. Set your SSID name to your own unique name on the GUI (Graphical User Interface) on the wireless settings. Make sure that you have saved it.
4. Assign an ip address on your LAN according to the given ip or your desired ip address.
5. Next is to set your passphrase on the wireless security and then assign a password that is so unique and not easy to be hacked or crawled by scammers/ hackers.

