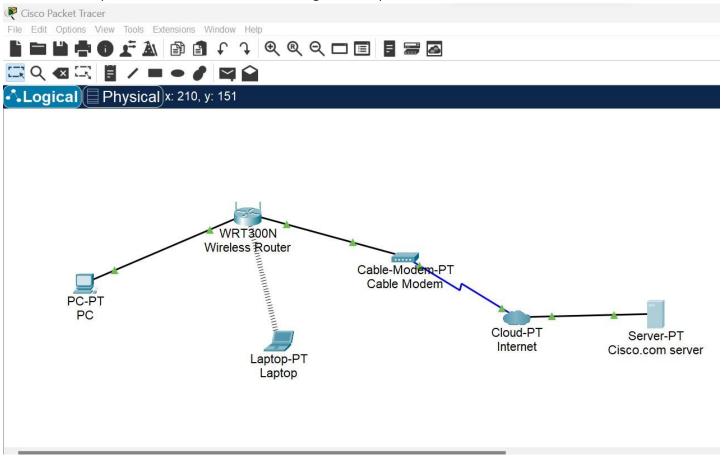
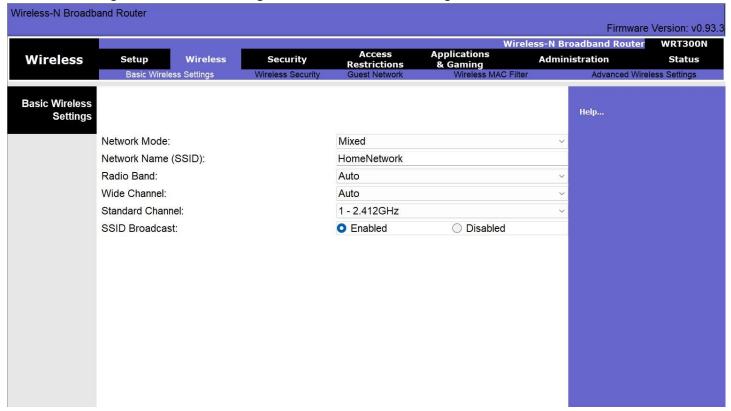
TASK 1: Create a Simple network using Packet Tracer

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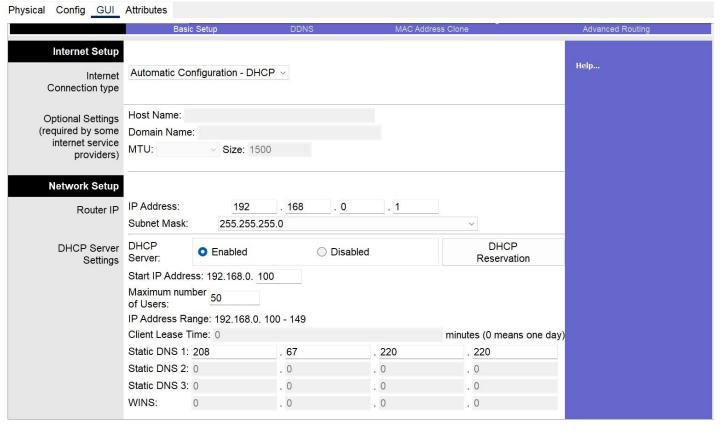
1. First we placed all the network devices on logical workspace



2. First we configured the wireless settings of the router. In this we changed the name of SSID to "HomeNetwork".



3. Next we changed the DHCP server settings and configured the static IP address of the DNS server as 208.67.220.220.



4. Then we changed the ethernet module on laptop with WIFI module and connected it with the HomeNetwork.

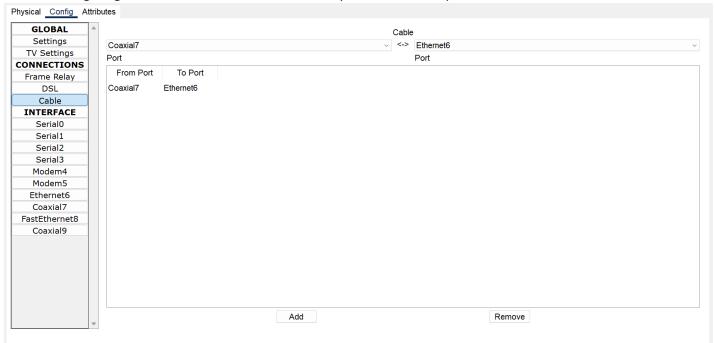


5. Configuring the PC to DHCP network so that the PC will use DCHP to receive an IPv4 address from the wireless router.



6. Verifying that the PC has received an IPv4 address by issuing the "ipconfig /all" command from the comman prompt.

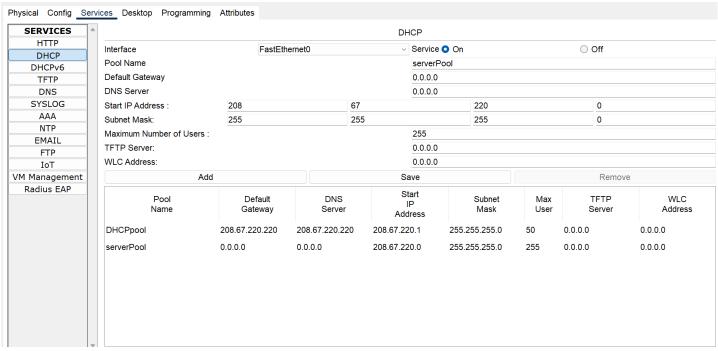
7. Configuring the Internet Cloud. In this we identify the to and from port.



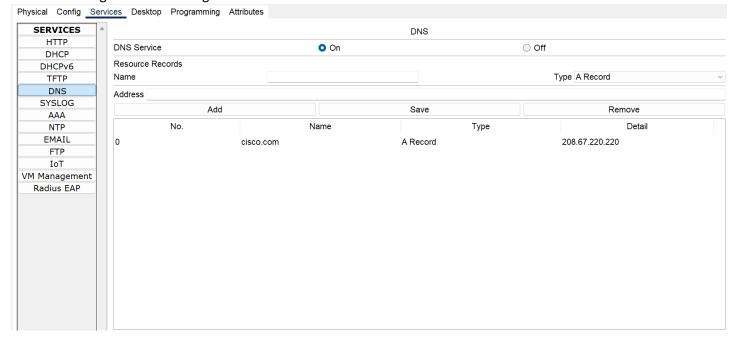
8. Making the ethernet as the provider.



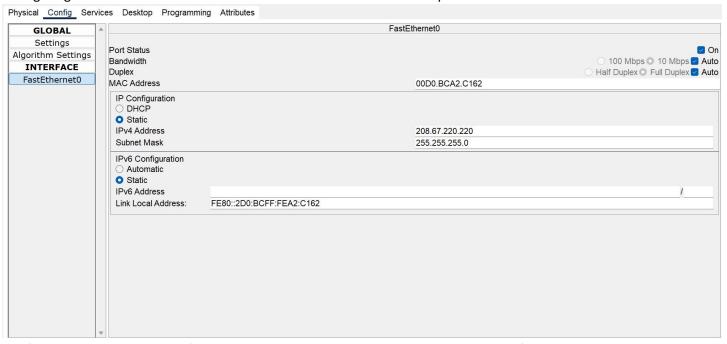
9. Configuring the Cisco.com server. In this we change the DHCP settings.



10. In this we change the DNS settings.



11. Configuring the Cisco.com server so it receives the data via fastethernet0 port.



12. Verifying the connections by refreshing PC IPV4 and in output we see thee IP address of the PC to be "192.168.0.101". Moreover when we ping Cisco server we receive the first reply after 36ms and subsequent replies after 2ms and a total of 4 replies.