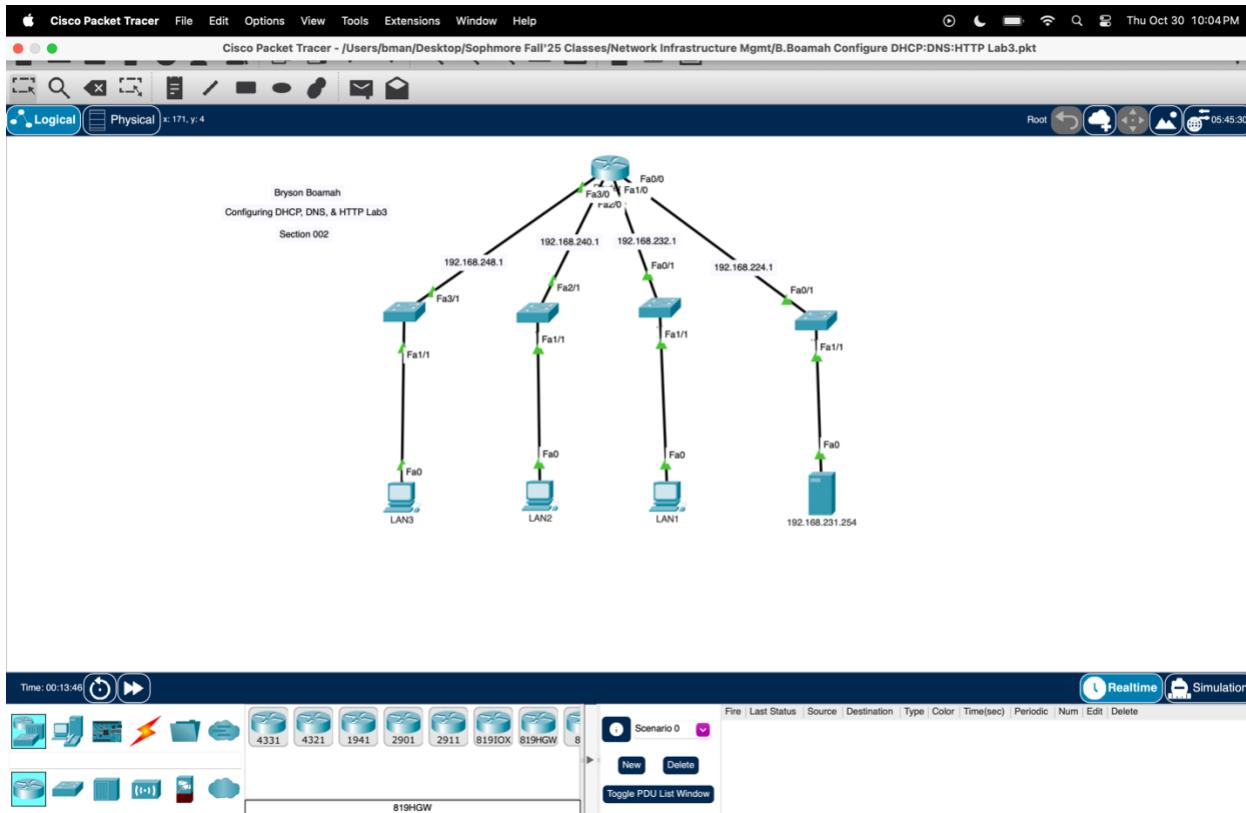


# Networking Infrastructure Management

## Configuring DHCP, DNS, and HTTP Lab 3

Complete the DHCP, DNS, and HTTP Lab 3 and insert the following screenshots. Ensure all screenshots are viewable.

1. Network Diagram. Includes the router, switches, a server, and PCs. All statically assigned addresses are annotated. Student's name, section number, and lab number are shown.

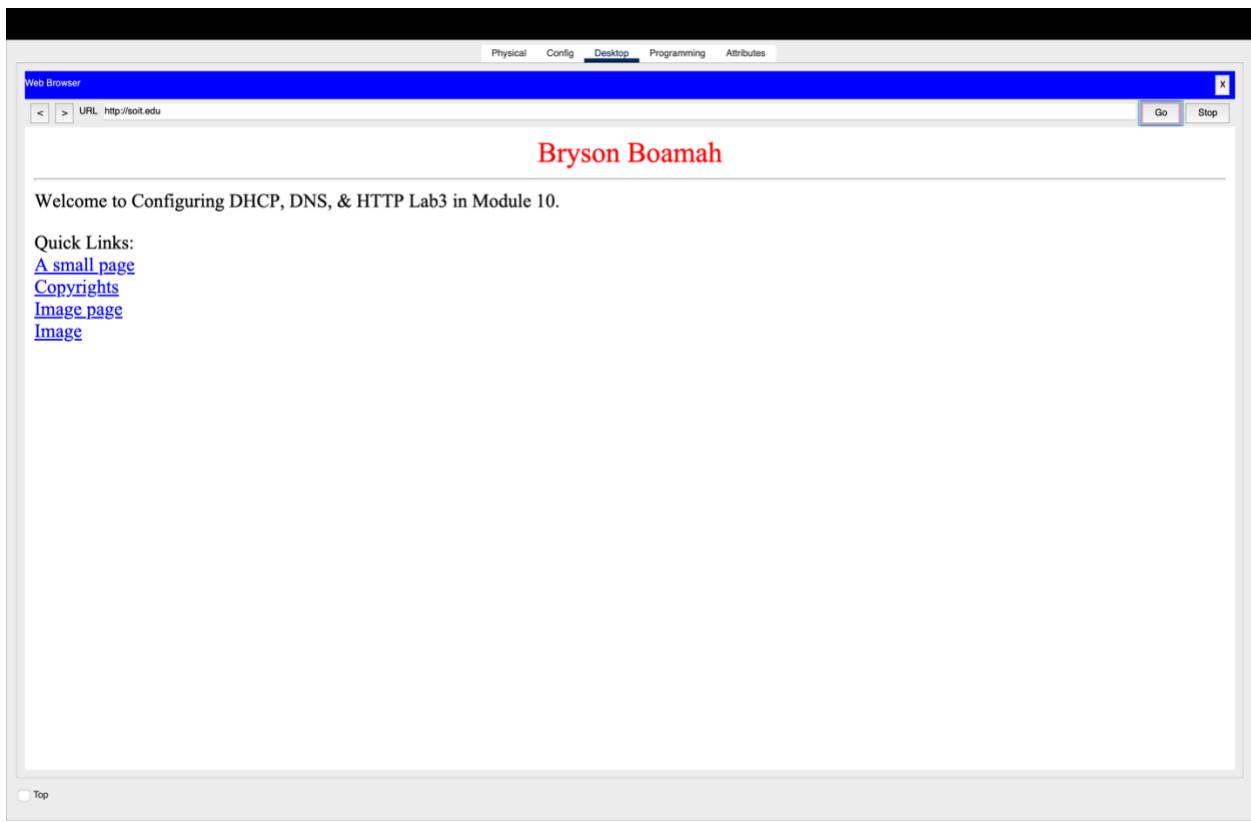


2. DCHP. Configuration of the DHCP pools displaying the correct range of IP addressing, default gateway, and subnet mask for each subnet. Ensure the entire pools is displayed.

Physical   Config   **CLI**   Attributes  
IOS Command Line Interface

```
|  
|  
|  
|  
  
interface FastEthernet0/0  
ip address 192.168.224.1 255.255.248.0  
duplex auto  
speed auto  
  
interface FastEthernet1/0  
ip address 192.168.232.0 255.255.248.0  
ip helper-address 192.168.231.254  
duplex auto  
speed auto  
  
interface FastEthernet2/0  
ip address 192.168.232.1 255.255.248.0  
ip helper-address 192.168.231.254  
duplex auto  
speed auto  
  
interface FastEthernet3/0  
ip address 192.168.248.1 255.255.248.0  
ip helper-address 192.168.231.254  
duplex auto  
speed auto  
  
interface Serial4/0  
no ip address  
clock rate 2000000  
shutdown  
  
interface Serial17/0  
no ip address  
clock rate 2000000  
shutdown  
  
interface FastEthernet8/0  
no ip address  
shutdown  
  
interface FastEthernet9/0  
no ip address  
shutdown  
!  
ip classless  
ip flow-export version 9  
!  
!  
!  
!  
!  
!  
!  
  
line con 0  
line aux 0  
!  
line vty 0 4  
login  
!  
!  
end  
  
Router#  
Router#  
Router#
```

3. Web Page. In one of the PCs, type the URL in the browser and submit a screenshot of the resulting web page.



4. PC Configuration. Configuration on one of the PCs showing a valid address, default gateway, subnet mask, and DNS server address assigned through DHCP.

