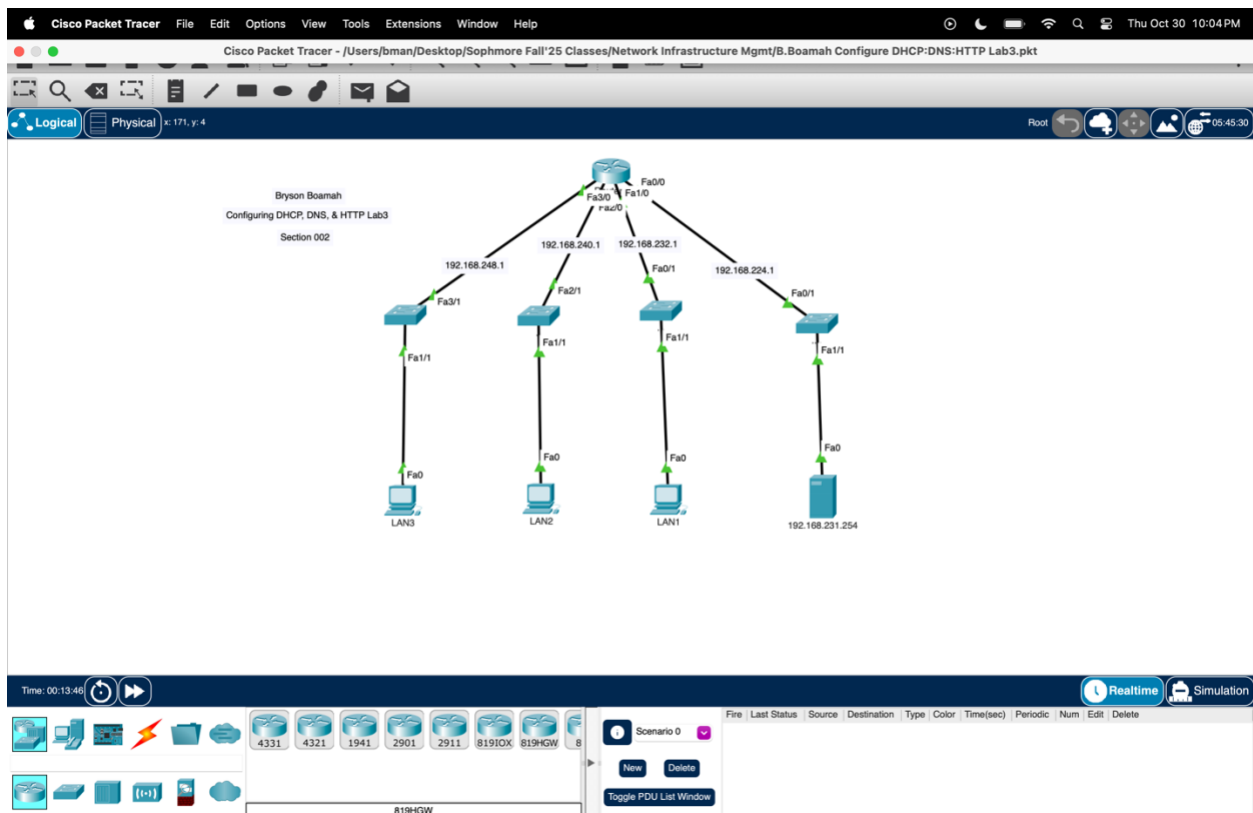


Networking Infrastructure Management

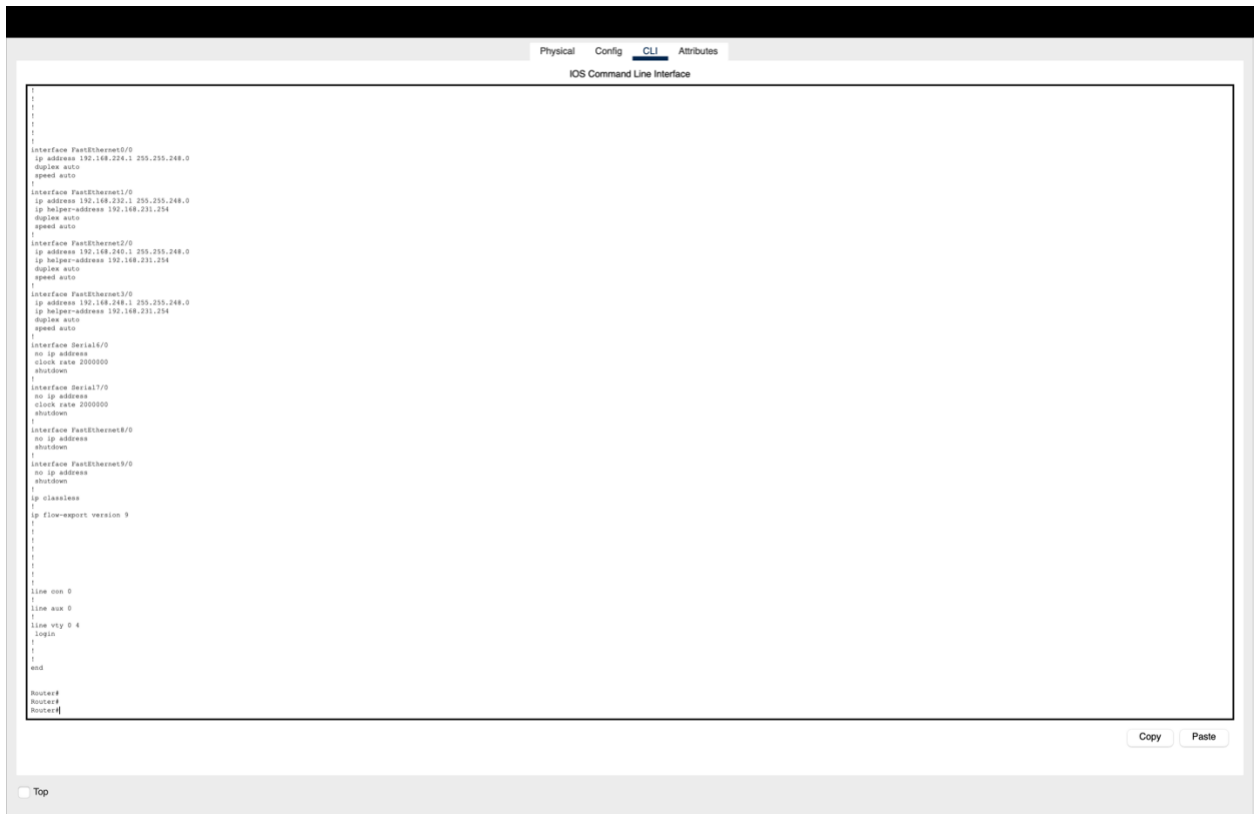
Configuring DHCP, DNS, and HTTP Lab 3

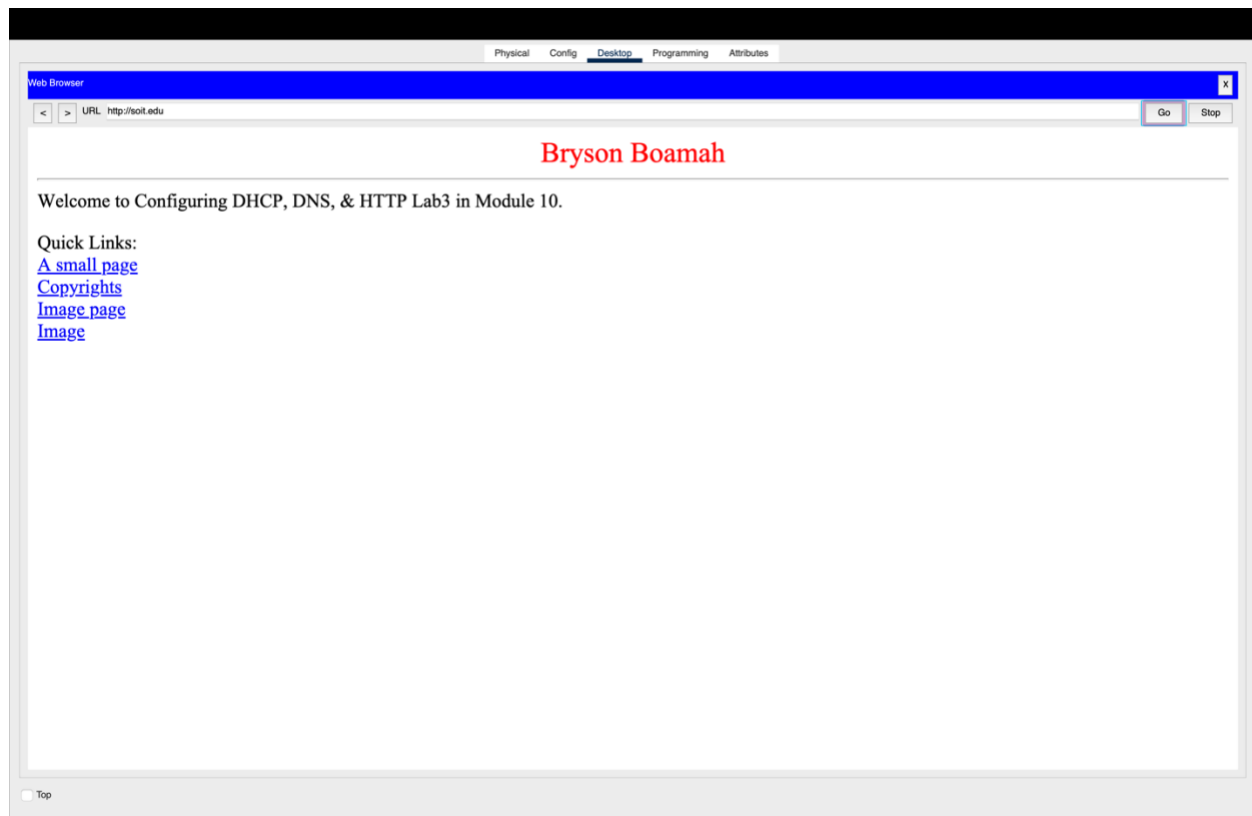
Complete the DHCP, DNS, and HTTP Lab 3 and insert the following screenshots. Ensure all screenshots are viewable.

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.





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

Cisco Packet TracerFileEditOptionsViewToolsExtensionsWindowHelp

LAN1

IP Configuration

InterfaceFastEthernet0

IP Configuration

DHCP

Static

DHCP request successful.

IPv4 Address

Subnet Mask

Default Gateway

DNS Server

192.168.232.3

255.255.248.0

192.168.232.1

192.168.231.254

IPv6 Configuration

Automatic

Static

IPv6 Address

Link Local Address

Default Gateway

DNS Server

FE80::2E0:8FFF-FED2:7B5D

802.1X

Use 802.1X Security

AuthenticationMD5

Username

Password

Top

Cisco Packet TracerFileEditOptionsViewToolsExtensionsWindowHelp

LAN2

IP Configuration

InterfaceFastEthernet0

IP Configuration

DHCP

Static

DHCP request successful.

IPv4 Address

Subnet Mask

Default Gateway

DNS Server

192.168.240.3

255.255.248.0

192.168.240.1

192.168.231.254

IPv6 Configuration

Automatic

Static

IPv6 Address

Link Local Address

Default Gateway

DNS Server

FE80::2D0:BAFF-FEC6:910

802.1X

Use 802.1X Security

AuthenticationMD5

Username

Password

Top

Cisco Packet TracerFileEditOptionsViewToolsExtensionsWindowHelp

LAN3

IP Configuration

InterfaceFastEthernet0

IP Configuration

DHCP

Static

DHCP request successful.

IPv4 Address192.168.248.3

Subnet Mask255.255.248.0

Default Gateway192.168.248.1

DNS Server192.168.231.254

IPv6 Configuration

Automatic

Static

IPv6 Address

Link Local AddressFE80::202:17FF:FED6:69E6

Default Gateway

DNS Server

802.1X

Use 802.1X Security

AuthenticationMD5

Username

Password

Top