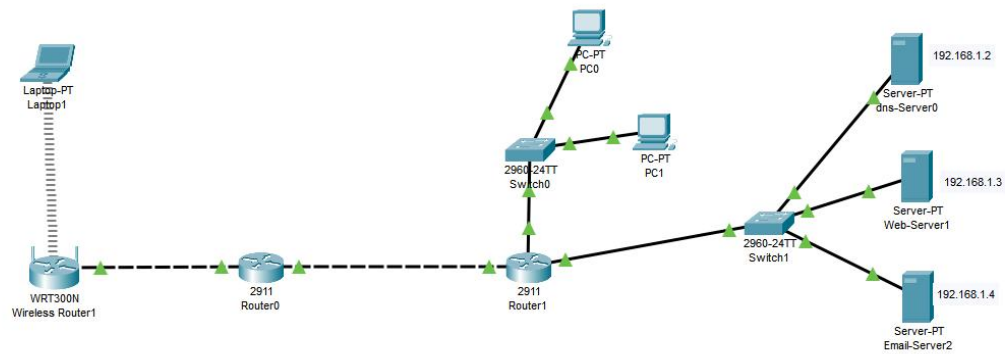


Waqar Ahmed

20P-0750

Question 3 Report

Topology :



Configuration of Email , DNS , and Web servers:

dns-Server0

Physical Config Services **Desktop** Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.1.2

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1

DNS Server: 192.168.1.2

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80::260:5CFF:FE05:E0D6

Default Gateway:

DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

Web-Server1

Physical Config Services **Desktop** Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.1.3

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.2

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::290:21FF:FE1B:5661

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Email-Server2

Physical Config Services **Desktop** Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.1.4

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 192.168.1.2

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::201:63FF:FEB4:7841

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Part (b)

Administration change password

The screenshot shows the configuration interface of a 'Wireless Router1'. The top navigation bar includes 'Physical', 'Config', 'GUI', and 'Attributes'. The 'Config' tab is active, and the 'GUI' sub-tab is selected. The main content area is titled 'Wireless-N Broadband Router'. A sidebar on the left lists navigation options: 'Administration', 'Setup', 'Wireless', 'Security', and 'Access Restrictions'. Under 'Administration', the 'Management' section is expanded, showing 'Router Access', 'Web Access', and 'Remote Access'. The 'Router Access' page contains the following fields and options:

- Router Password:** A text field with 10 dots.
- Re-enter to confirm:** A text field with 10 dots.
- Web Utility Access:** A checkbox labeled 'HTTP' which is checked.
- Web Utility Access via Wireless:** A radio button labeled 'Enabled' which is selected.
- Remote Management:** A radio button labeled 'Enabled' which is selected.
- Web Utility Access:** A radio button labeled 'HTTP' which is selected.

Wireless network setup

providers) MTU: Size:

Network Setup

Router IP IP Address: . . .

Subnet Mask:

DHCP Server Settings

DHCP Server: ☒ Enabled ☐ Disabled

Start IP Address: 192.168.0.

Maximum number of Users:

IP Address Range: 192.168.0. 100 - 149

Client Lease Time:

Static DNS 1: . . .

Static DNS 2: . . .

Static DNS 3: . . .

WINS: . . .

Network SSID chnaged from default:

Wireless Router1

Physical Config **GUI** Attributes

Wireless Setup Wireless Security Access Restrictions Application & Gaming

Basic Wireless Settings Wireless Security Guest Network Wire

Basic Wireless Settings

Network Mode:

Network Name (SSID):

Radio Band:

Wide Channel:

Standard Channel:

SSID Broadcast: ☒ Enabled ☐ Disabled

Check the Ip address of Wireless laptop

Laptop1

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface Wireless0

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IPv4 Address 192.168.0.101

Subnet Mask 255.255.255.0

Default Gateway 192.168.0.1

DNS Server 192.168.1.10

IPv6 Configuration

☒ Automatic ☐ Static Ipv6 request failed.

IPv6 Address /

Link Local Address FE80::209:7CFF:FEB7:1AC4

Default Gateway

DNS Server

