

***Muhammad Sherjeel***

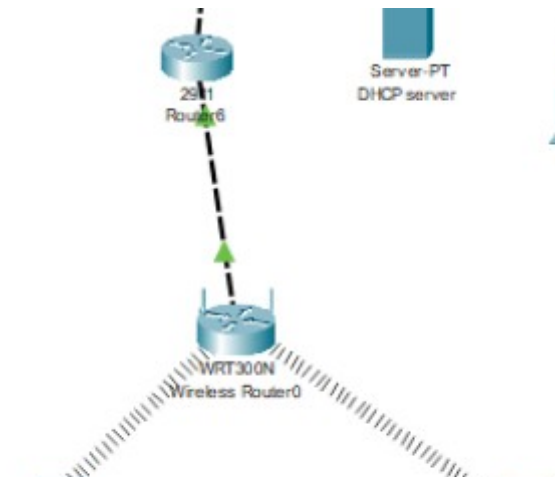
***Akhtar***

***20p-0101***

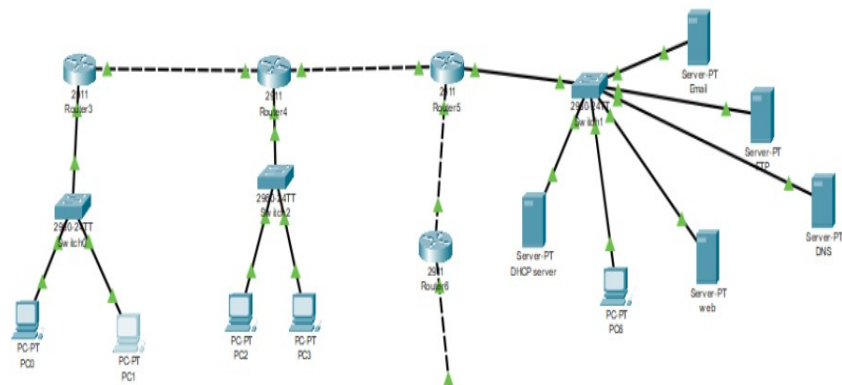
***BCS: 5A***

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*Starting  
Configuration:*

```
Router(config-if)#ip add 192.168.1.1 255.255.255.254
Bad mask 0xFFFFFFFF4 for address 192.168.1.1
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#ip add 192.168.2.1 255.255.255.0
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/2
Router(config-if)#ip add 192.168.1.33 255.255.255.224
```

```
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#ip add 192.168.2.2 255.255.255.0
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/2
Router(config-if)#ip add 192.168.4.1 255.255.255.0
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/2
```

```

Router(config)#interface GigabitEthernet0/0
Router(config-if)#ip add 192.168.5.10 255.255.255.0
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#ip add 192.168.4.2 255.255.255.0
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/2

```

## • *Wireless Routing:*

192.168.9.2
255.255.255.0
192.168.9.1
192.168.5.11

## • *LAN:*

LAN Settings	
IP Configuration	
IPv4 Address	192.168.4.1
Subnet Mask	255.255.255.0

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## *.Router-3 :*

```
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/2
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0
Router(config-if)#ip add 192.168.6.10 255.255.255.0
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#ip add 192.168.7.1 255.255.255.0
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
```

•

## *Email Conf:*

Display Name	Email
Gateway/DNS IPv4	
<input type="radio"/> DHCP	
<input checked="" type="radio"/> Static	
Default Gateway	192.168.8.10
DNS Server	192.168.5.12

•

# *Email IP Configuration:*

☒ Static

192.168.5.19

255.255.255.0

192.168.5.10

192.168.5.12

## *Mail Server:*

Email Address 192.168.5.1

Server Information

Incoming Mail Server 192.168.4.2

Outgoing Mail Server 192.168.6.2

## *FTP Server Configuration:*

Default Gateway 192.168.7.10|

DNS Server 192.168.5.12



FastEthernet0

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 00E0.F70C.0116

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 192.168.5.15

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local Address: FE80::2E0:F7FF:FE0C:116

# FTP IP Configuration:

IP Configuration

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 192.168.5.15

Subnet Mask 255.255.255.0

Default Gateway 192.168.5.10

DNS Server 192.168.5.12

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Username cisco Password cisco

☒ Write ☒ Read ☒ Delete ☒ Rename ☒ List

	Username	Password	Permission
1	cisco	cisco	RWDNL

Add

Save

# ***DNS Server Configuration:***

Display Name	DNS
Gateway/DNS IPv4	
<input type="radio"/> DHCP	
<input checked="" type="radio"/> Static	
Default Gateway	192.168.5.10
DNS Server	192.168.5.12

- # ***IP Configuration:***

Display Name	DNS
Gateway/DNS IPv4	
<input type="radio"/> DHCP	
<input checked="" type="radio"/> Static	
Default Gateway	192.168.5.10
DNS Server	192.168.5.12

-



DNS

DNS Service ☒ On ☐ Off

Resource Records

Name  Type 

A Record

Address

Add

Save

Remove

No.	Name	Type	Detail
0	gmail.com	A Record	192.168.5.19

DNS

DNS Service ☒ On ☐ Off

Resource Records

Name  Type 

A Record

Address

Add

Save

Remove

0	gmail.com	A Record	192.168.5.19
1	index.html	A Record	192.168.5.13

***DNS IP  
Configuration:***

☐ DHCP ☒ Static

IPv4 Address	192.168.5.12
Subnet Mask	255.255.255.0
Default Gateway	192.168.5.10
DNS Server	192.168.5.12

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## *Web Server Configuration:*

Gateway/DNS IPv4

☐ DHCP ☒ Static

Default Gateway	192.168.7.10
DNS Server	192.168.5.12

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## *IP Configuration:*

☒ Static

192.168.5.13
255.255.255.0
192.168.7.10
192.168.5.12

•

# *HTTP Configuration:*

HTTP

HTTP

☒ On ☐ Off

HTTPS

☒ On ☐ Off

File Manager

	File Name	Edit	Delete
1	copyrights.html	(edit)	(delete)
2	cscoptlogo177x111.jpg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)

## *• Addition In Web Server:*

File Name:

```
<html>
Hello, world!
<br><a href='index.html'>Back</a>
</html>
```

<hr>Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.

# ***DHCP Server Configuration:***

Display Name

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway

DNS Server

## ***. IP Configuration:***

☒ Static

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## DHCP

Interface	FastEthernet0	Service	<input checked="" type="radio"/> On	<input type="radio"/> Off
Pool Name	serverPool			
Default Gateway	192.168.5.10			
DNS Server	192.168.5.12			
Start IP Address :	192	168	5	0
Subnet Mask:	255	255	255	0
Maximum Number of Users :	245			
TFTP Server:	0.0.0.0			
WLC Address:	0.0.0.0			
Add		Save		Remove

•

## DHCP

Interface	FastEthernet0	Service	<input checked="" type="radio"/> On	<input type="radio"/> Off
Pool Name	serverPool2			
Default Gateway	192.168.3.10			
DNS Server	192.168.5.12			
Start IP Address :	192	168	3	11
Subnet Mask:	255	255	255	0
Maximum Number of Users :	245			
TFTP Server:	0.0.0.0			
WLC Address:	0.0.0.0			

## • ***POOL 3 :***

Interface	FastEthernet0	Service	<input checked="" type="radio"/> On	<input type="radio"/> Off
Pool Name	serverPool3			
Default Gateway	192.168.1.1			
DNS Server	192.168.5.12			

## • ***POOL 4 :***

Pool Name	serverPool4
Default Gateway	192.168.1.33

## • ***POOL 5 :***

Interface FastEthernet0 Service ☒ On ☐ Off

Pool Name serverPool5

Default Gateway 192.168.6.10

DNS Server 192.168.5.12

Start IP Address : 192 168 6 0

Subnet Mask: 255 255 255 0

# • ***DHCP IP Assignment :***

☐ Static ☒ DHCP ☐ Static

IPv4 Address 192.168.1.13 192.168.1.12

Subnet Mask 255.255.255.224 255.255.255.224

Default Gateway 192.168.1.1

DNS Server 192.168.5.12

IPv6 Configuration

top Programming Attributes

ernet0

☐ Static

192.168.3.11

255.255.255.0

192.168.3.10

192.168.5.12



*Conclusion:*

*You will receive a  
response after  
visiting the site.*

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