

Ali Shan Khattak

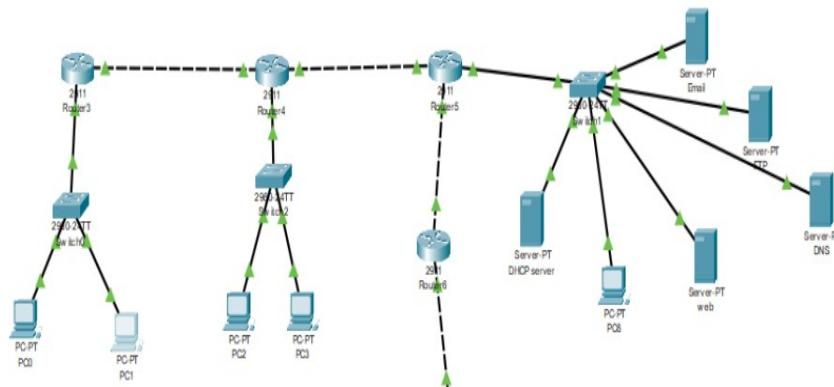
P21-8046

BCS: 5A

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Starting Configuration:

```
Router(config-if)#ip add 192.168.1.1 255.255.255.244
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
```

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```

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

```

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Router	
Router	
Router	
Router	
Router	192.168.9.2
Router	255.255.255.0
Router	192.168.9.1
Router	192.168.5.11
Router	

```

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

```

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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
```

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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

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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

-

Web Server Configuration:

Gateway/DNS IPv4

☐ DHCP ☒ Static

Default Gateway	192.168.7.10
DNS Server	192.168.5.12

-

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)

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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.

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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

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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			

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POOL 3 :

Interface FastEthernet0 Service ☒ On ☐ 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

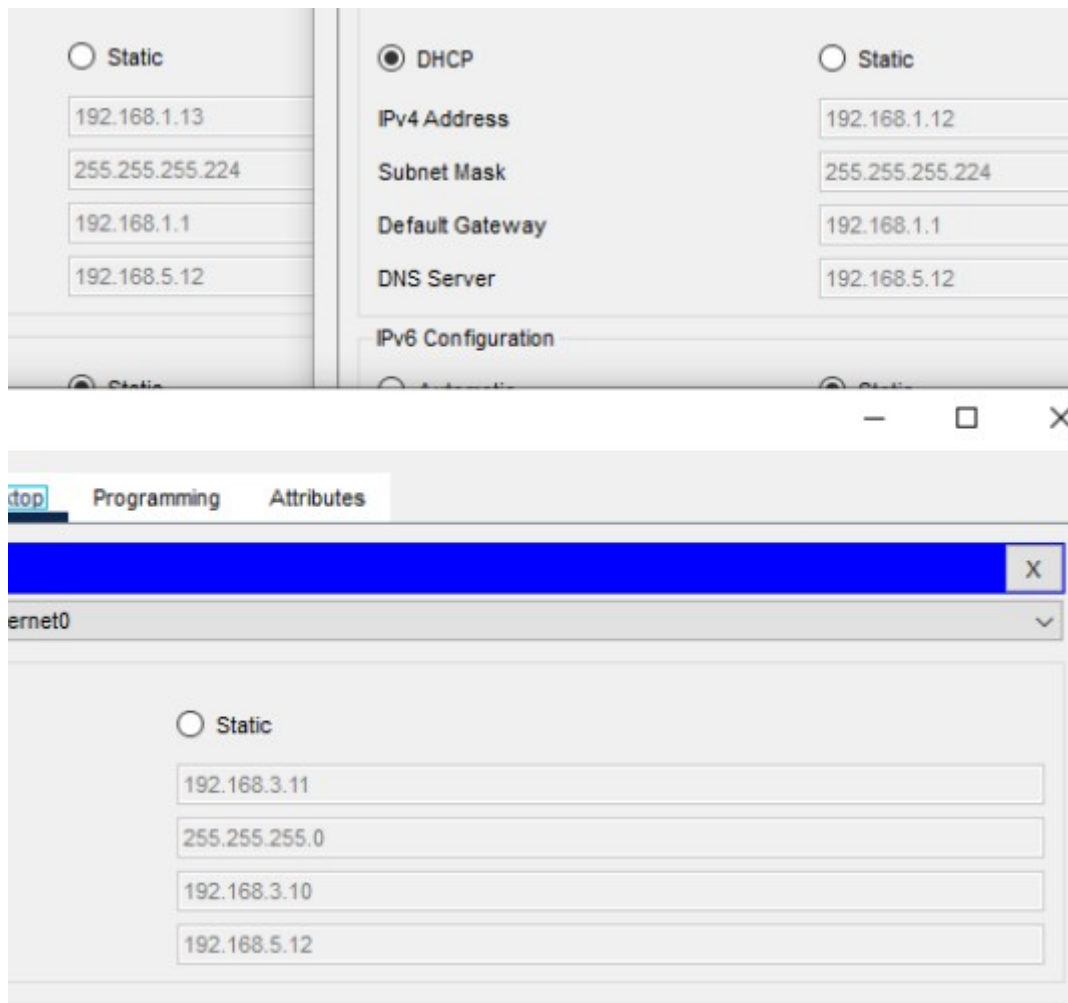
Default Gateway 192.168.6.10

DNS Server 192.168.5.12

Start IP Address : 192 168 6 0

Subnet Mask: 255 255 255 0

• DHCP IP Assignment :



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

