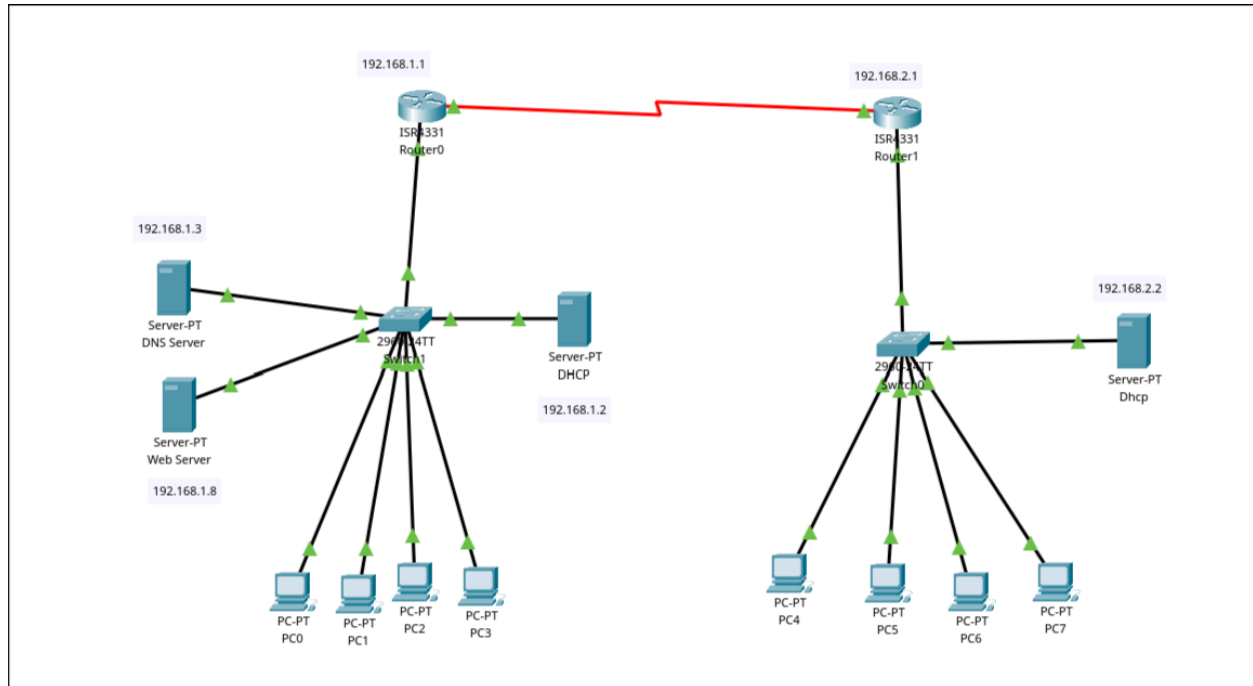


Praneesh R V
CB.SC.U4CYS23036



Routers

Router 0

Physical	Config	CLI	Attributes
GLOBAL			
Settings			
Algorithm Settings			
ROUTING			
Static			
RIP			
SWITCHING			
VLAN Database			
INTERFACE			
GigabitEthernet0/0/0			
GigabitEthernet0/0/1			
GigabitEthernet0/0/2			
Serial0/1/0			
Serial0/1/1			

GigabitEthernet0/0/0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input type="radio"/> 1000 Mbps <input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0000.0CA8.1301
IP Configuration	
IPv4 Address	192.168.1.1
Subnet Mask	255.255.255.0
Tx Ring Limit	10

GLOBAL Settings Algorithm Settings ROUTING Static RIP SWITCHING VLAN Database INTERFACE GigabitEthernet0/0/0 GigabitEthernet0/0/1 GigabitEthernet0/0/2 Serial0/1/0 Serial0/1/1	Serial0/1/0	
	Port Status <input checked="" type="checkbox"/> On	
	Duplex	<input checked="" type="radio"/> Full Duplex
	Clock Rate	2000000
	IP Configuration	
	IPv4 Address	192.168.3.1
	Subnet Mask	255.255.255.0
	Tx Ring Limit	
		10

Physical	Config	CLI	Attributes
GLOBAL Settings Algorithm Settings ROUTING Static RIP SWITCHING VLAN Database INTERFACE GigabitEthernet0/0/0 GigabitEthernet0/0/1 GigabitEthernet0/0/2 Serial0/1/0 Serial0/1/1	RIP Routing		
	Network <input type="text"/> Add		
	Network Address		
	192.168.1.0		
	192.168.3.0		

Router 1

Physical	Config	CLI	Attributes
GLOBAL Settings Algorithm Settings ROUTING Static RIP SWITCHING VLAN Database INTERFACE GigabitEthernet0/0/0 GigabitEthernet0/0/1 GigabitEthernet0/0/2 Serial0/1/0 Serial0/1/1	GigabitEthernet0/0/0		
	Port Status <input checked="" type="checkbox"/> On		
	Bandwidth	<input type="radio"/> 1000 Mbps <input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto	
	Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto	
	MAC Address	00D0.D37C.1A01	
	IP Configuration		
	IPv4 Address	192.168.2.1	
	Subnet Mask	255.255.255.0	
	Tx Ring Limit		
		10	

Physical **Config** CLI Attributes

Serial0/1/0

Port Status ☒ On

Duplex ☒ Full Duplex

Clock Rate 2000000

IP Configuration

IPv4 Address 192.168.3.2

Subnet Mask 255.255.255.0

Tx Ring Limit 10

Physical **Config** CLI Attributes

RIP Routing

Network

Network Address

192.168.2.0
192.168.3.0

DHCP Servers

Physical **Config** **Services** Desktop Programming Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

Interface FastEthernet0 Service ☒ On ☐ Off

Pool Name serverPool

Default Gateway 192.168.1.1

DNS Server 192.168.1.3

Start IP Address : 192 168 1 3

Subnet Mask: 255 255 255 0

Maximum Number of Users : 253

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.1.1	192.168.1.3	192.168.1.3	255.255.255.0	253	0.0.0.0	0.0.0.0

Physical Config **Services** Desktop Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.1.2

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1

DNS Server: 0.0.0.0

Physical Config **Services** Desktop Programming Attributes

SERVICES

- HTTP
- DHCP**
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DHCP

Interface: FastEthernet0 Service: ☒ On ☐ Off

Pool Name: serverPool

Default Gateway: 192.168.2.1

DNS Server: 192.168.1.3

Start IP Address: 192 168 2 3

Subnet Mask: 255 255 255 0

Maximum Number of Users: 253

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.2.1	192.168.1.3	192.168.2.3	255.255.255.0	253	0.0.0.0	0.0.0.0

Physical Config **Services** Desktop Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.2.2

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.2.1

DNS Server: 0.0.0.0

DNS Server

Physical Config **Services** Desktop Programming Attributes

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS**
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DNS

DNS Service ☒ On ☐ Off

Resource Records

Name Type **A Record**

Address

Add **Save** **Remove**

No.	Name	Type	Detail
0	example.com	A Record	192.168.1.8

Web Server

Physical Config **Services** Desktop Programming Attributes

SERVICES

- HTTP**
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

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)

Physical Config **Services** Desktop Programming Attributes

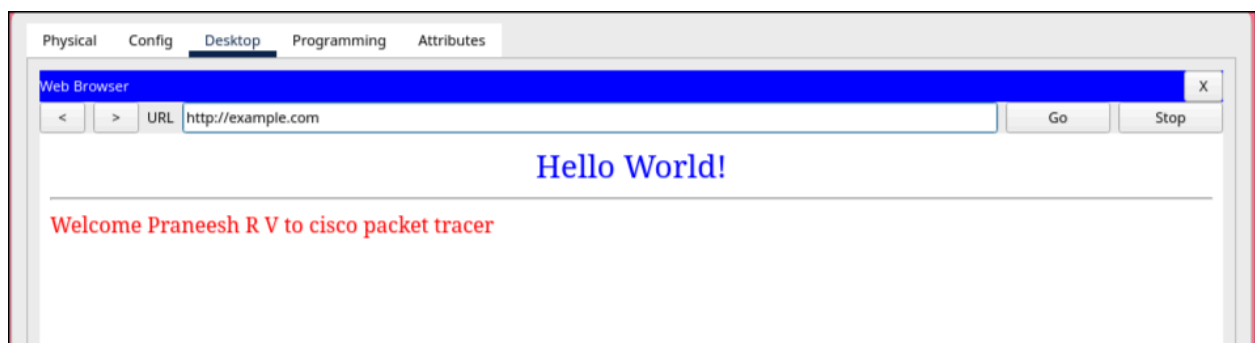
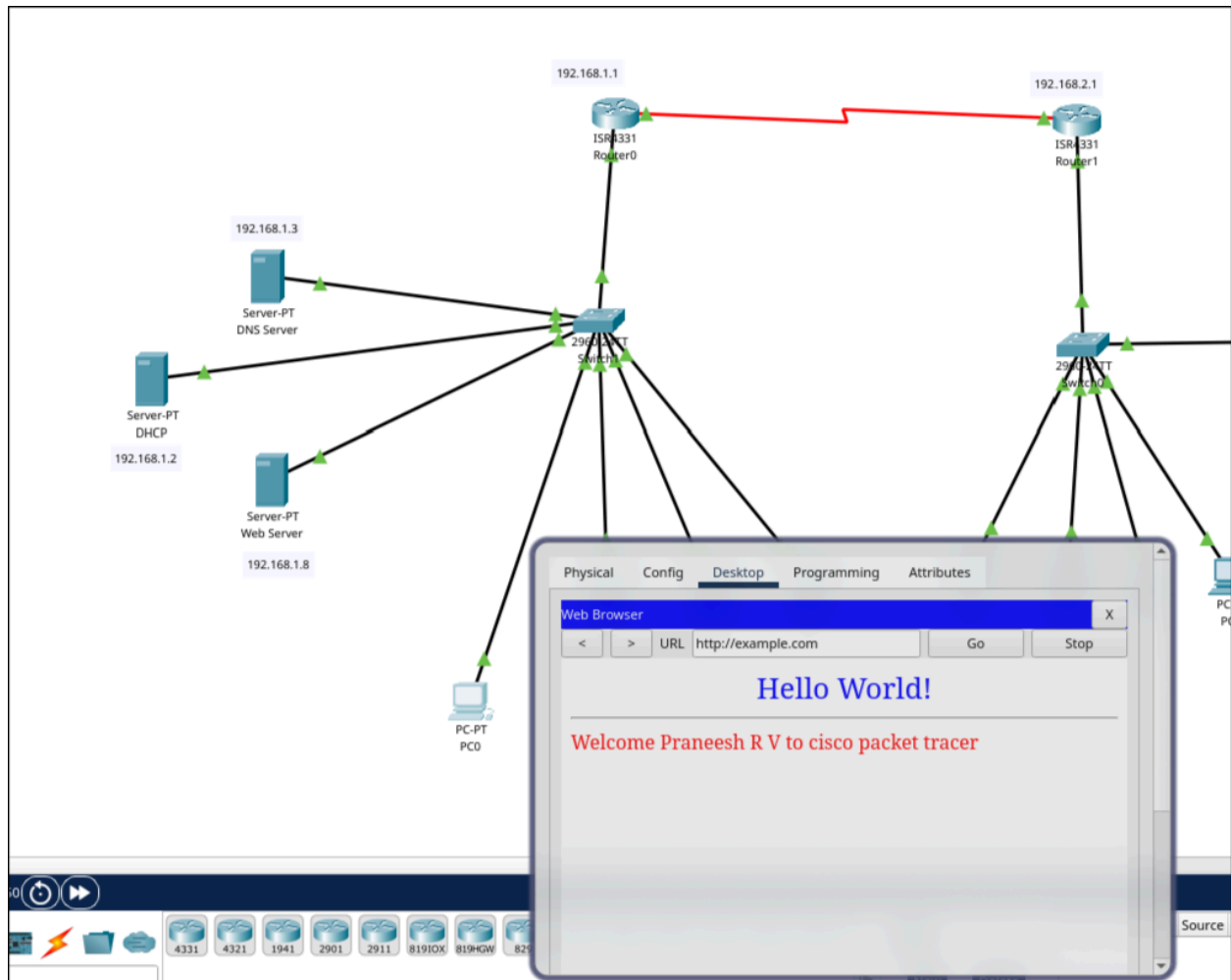
SERVICES

- HTTP**
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG

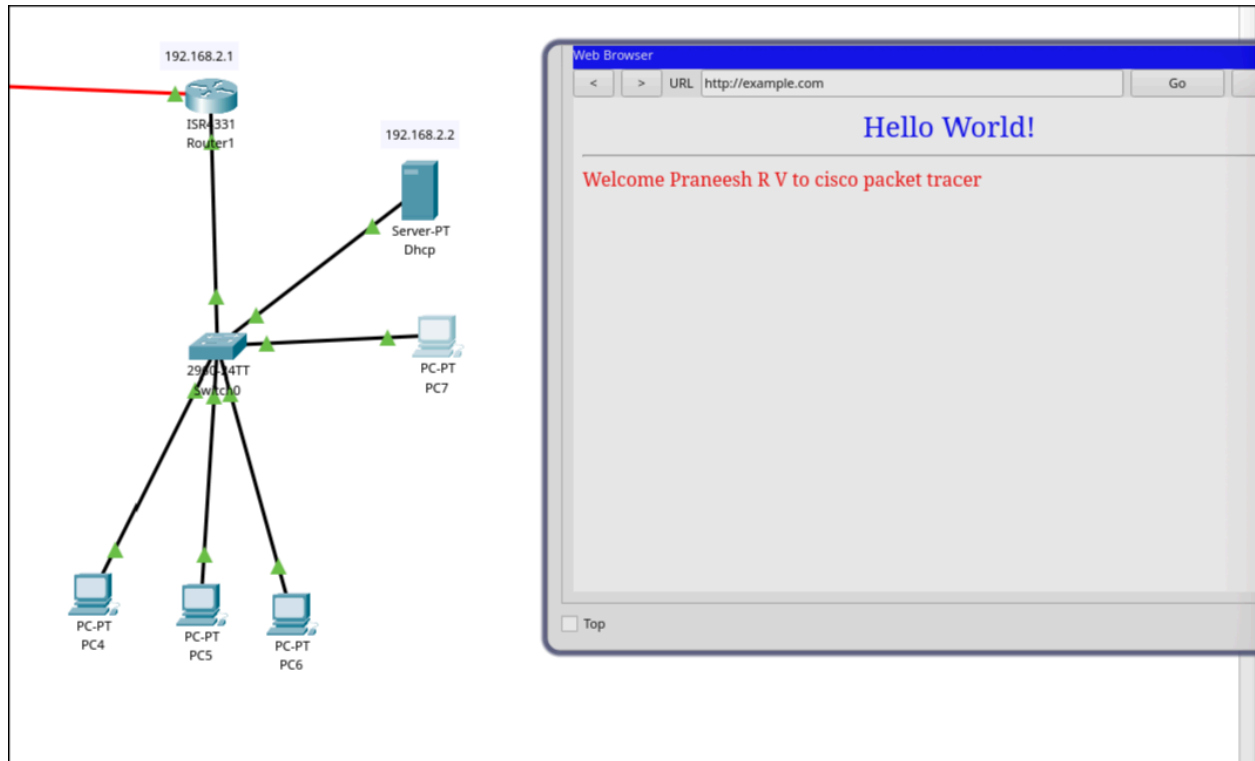
File Name:

```
<html>
<center><font size='+2' color='blue'>Hello World!</font></center>
<h1><font color='red'>Welcome Praneesh R V to the Cisco Packet Tracer </font></h1> </html>
```

example.com from PC in 1st Network
PC0



example.com from PC in 2nd Network
PC7



We are accessing the DNS server of the first network from the pc in second network, by giving the IP of the DNS server from the first network into the DHCP server of the 2nd network

RIP Packet sending

PDU List Window										
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC5	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC7	PC2	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC1	PC6	ICMP		0.000	N	2	(edit)	(delete)