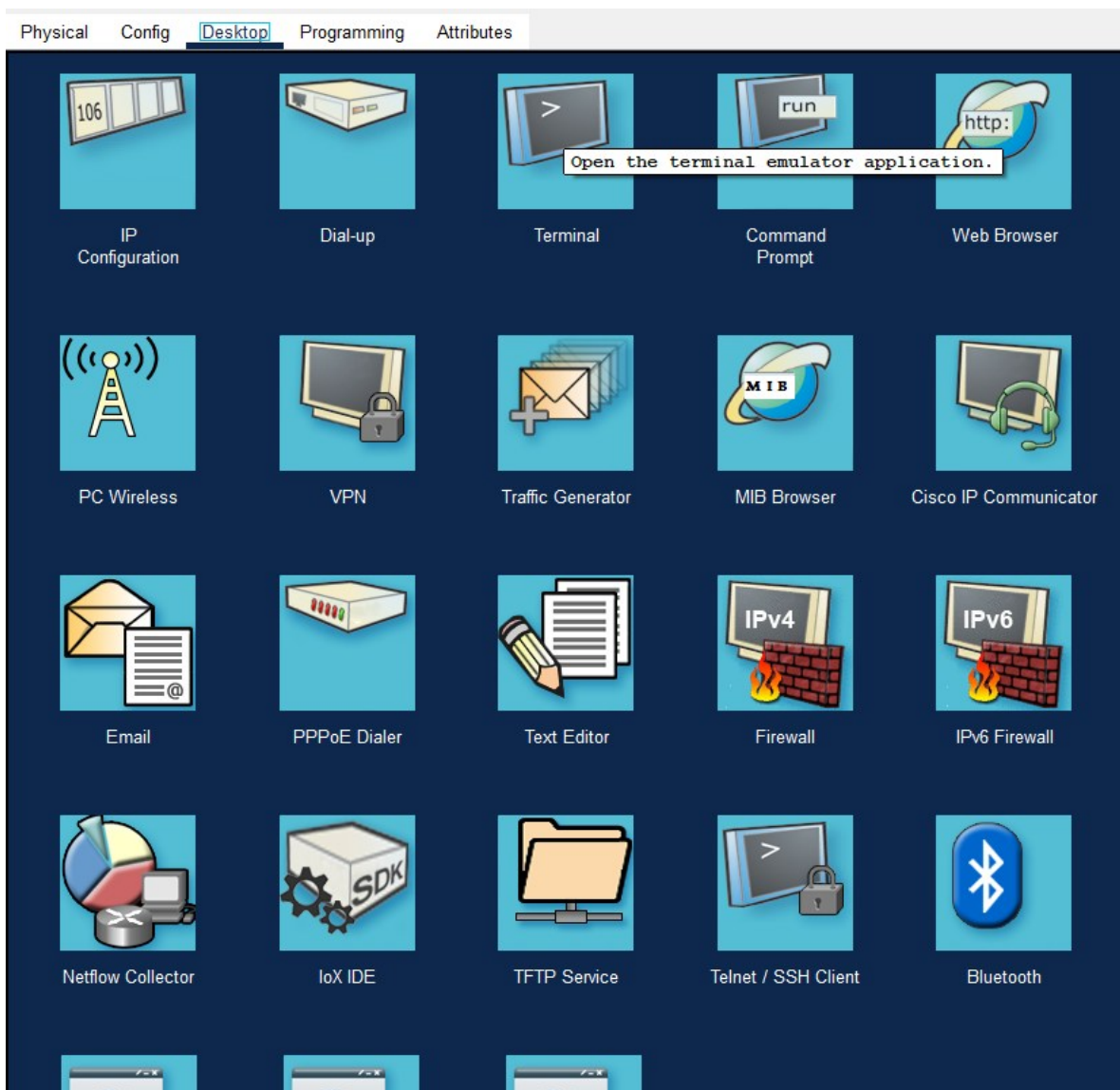


LABORATORIO 5



PC1

PhysicalConfigDesktopProgrammingAttributes

IP Configuration

X

InterfaceFastEthernet0

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

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::201:96FF:FE02:D567

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

PC2

PhysicalConfigDesktopProgrammingAttributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IPv4 Address192.168.1.3

Subnet Mask255.255.255.0

Default Gateway192.168.1.1

DNS Server0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address/

Link Local AddressFE80::260:3EFF:FE86:D89C

Default Gateway

DNS Server

802.1X

Use 802.1X Security

AuthenticationMD5

Username

Password

Top

PC3

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.1.4

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::2D0:D3FF:FE25:37E8

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

PC4

PhysicalConfigDesktopProgrammingAttributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IPv4 Address192.168.1.5

Subnet Mask255.255.255.0

Default Gateway192.168.1.1

DNS Server0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address/

Link Local AddressFE80::201:43FF:FE3A:8AD7

Default Gateway

DNS Server

802.1X

Use 802.1X Security

AuthenticationMD5

Username

Password

Top

Router0

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

FastEthernet0/0

Port Status

Bandwidth

Duplex

MAC Address

IP Configuration

IPv4 Address

Subnet Mask

Tx Ring Limit

100 Mbps

10 Mbps

Half Duplex

Full Duplex

On

Auto

Auto

00E0.8FD6.A701

192.168.1.1

255.255.255.0

10

Equivalent IOS Commands

Press RETURN to get started!

Router>enable

Router#

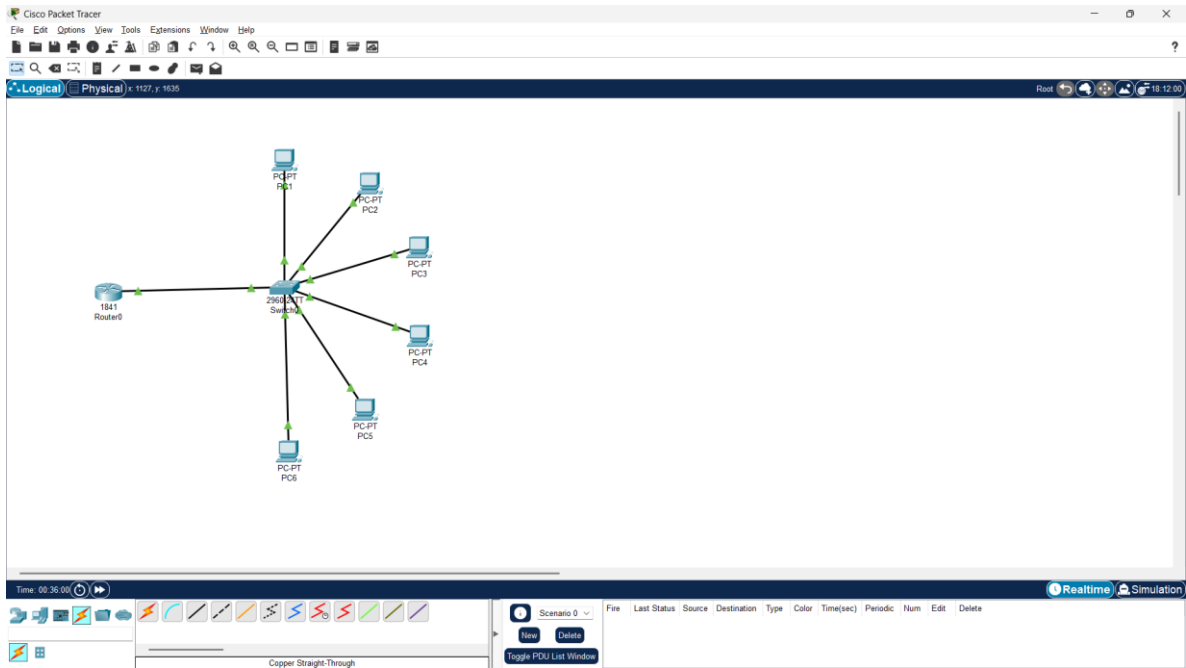
Router#configure terminal

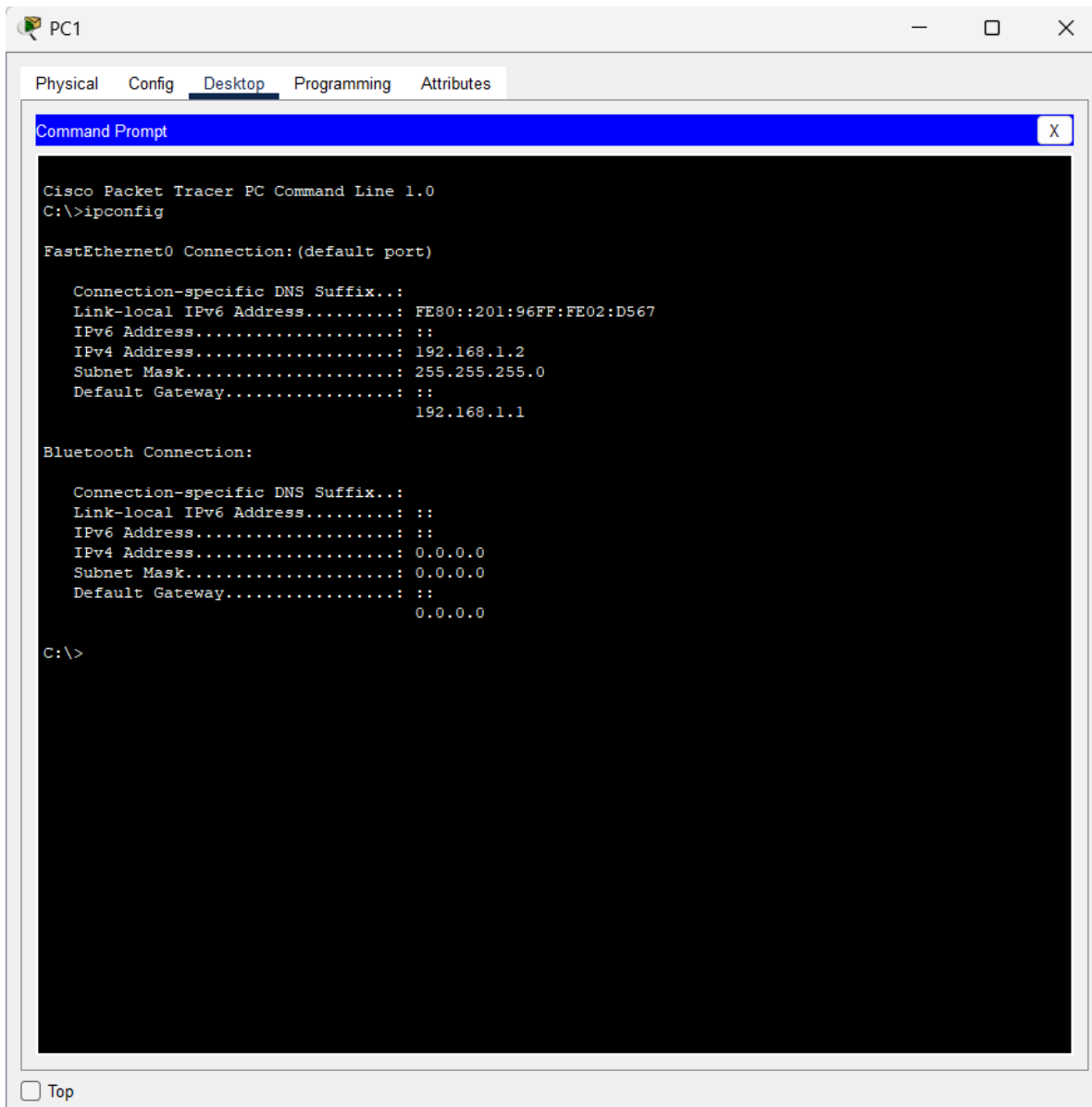
Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface FastEthernet0/0

Router(config-if)#

Top





PC1

Physical Config **Desktop** Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .: FE80::201:96FF:FE02:D567
    IPv6 Address . . . . .: ::
    IPv4 Address . . . . .: 192.168.1.2
    Subnet Mask . . . . .: 255.255.255.0
    Default Gateway . . . . .: ::
                                192.168.1.1

Bluetooth Connection:

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .: ::
    IPv6 Address . . . . .: ::
    IPv4 Address . . . . .: 0.0.0.0
    Subnet Mask . . . . .: 0.0.0.0
    Default Gateway . . . . .: ::
                                0.0.0.0

C:\>ping 192.168.1.3
Invalid Command.

C:\>clear
Invalid Command.

C:\>
C:\>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:

Reply from 192.168.1.3: bytes=32 time=2ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 2ms, Average = 0ms

C:\>
```

☐ Top

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 1053, y 513

Simulation Panel

Event List

Vis	Time(sec)	Last Device	At Device	Type
-----	-----------	-------------	-----------	------

Reset Simulation ☒ Constant Delay

Play Controls

Event List Filters - Visible Events

ACL, Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDR, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:40:48.553 PLAY CONTROLS

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

Copper Straight-Through

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 538, y 605

Simulation Panel

Event List

Vis	Time(sec)	Last Device	At Device	Type
	0.998	--	Switch0	STP
	0.999	Switch0	PC6	STP
	0.999	Switch0	PC3	STP
	0.999	Switch0	PC1	STP
	0.999	Switch0	PC4	STP
	0.999	Switch0	PC5	STP
	0.999	Switch0	Router0	STP
	0.999	Switch0	PC2	STP

Reset Simulation ☒ Constant Delay

Play Controls

Event List Filters - Visible Events

ACL, Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDR, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:40:49.592 PLAY CONTROLS

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

Copper Straight-Through

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 872, y 345

Simulation Panel

Event List

Vis	Time(sec)	Last Device	At Device	Type
	0.998	--	Switch0	STP
	0.999	Switch0	PC5	STP
	0.999	Switch0	PC3	STP
	0.999	Switch0	PC1	STP
	0.999	Switch0	PC4	STP
	0.999	Switch0	PC5	STP
	0.999	Switch0	Router0	STP
	0.999	Switch0	PC2	STP
	2.194	--	Switch0	DTP
	2.195	Switch0	PC3	DTP

Reset Simulation Constant Delay Captured to: 2.195 s

Play Controls

Event List Filters - Visible Events

ACL, Filter, ARP, BGP, Bluetooth, CAPWAP, DHCP, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDR, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Scenario 0 File Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

Copper Straight-Through

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 1005, y 422

PC1

Physical Config Desktop Programming Attributes

Command Prompt

```

Connection-specific DNS Suffix...:
Link-local IPv6 Address...: FE80::1201:196FF:FE03:12547
IPv6 Address...: ::
IPv4 Address...: 192.168.1.2
Subnet Mask...: 255.255.255.0
Default Gateway...: 192.168.1.1

Bluetooth Connection:
Connection-specific DNS Suffix...:
Link-local IPv6 Address...: ::
IPv6 Address...: ::
IPv4 Address...: 0.0.0.0
Subnet Mask...: 0.0.0.0
Default Gateway...: 0.0.0.0

C:\>ipconfig
Invalid Command.

C:\>clear
Invalid Command.

C:\>
C:\>ping 192.168.1.3
Pinging 192.168.1.3 with 32 bytes of data:
Reply from 192.168.1.3: bytes=32 time=2ms TTL=128
Reply from 192.168.1.3: bytes=32 time=2ms TTL=128
Reply from 192.168.1.3: bytes=32 time=2ms TTL=128
Reply from 192.168.1.3: bytes=32 time=2ms TTL=128

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milliseconds:
        Minimum = 0ms, Maximum = 2ms, Average = 0ms

C:\>ping 192.168.1.4
Pinging 192.168.1.4 with 32 bytes of data:
  
```

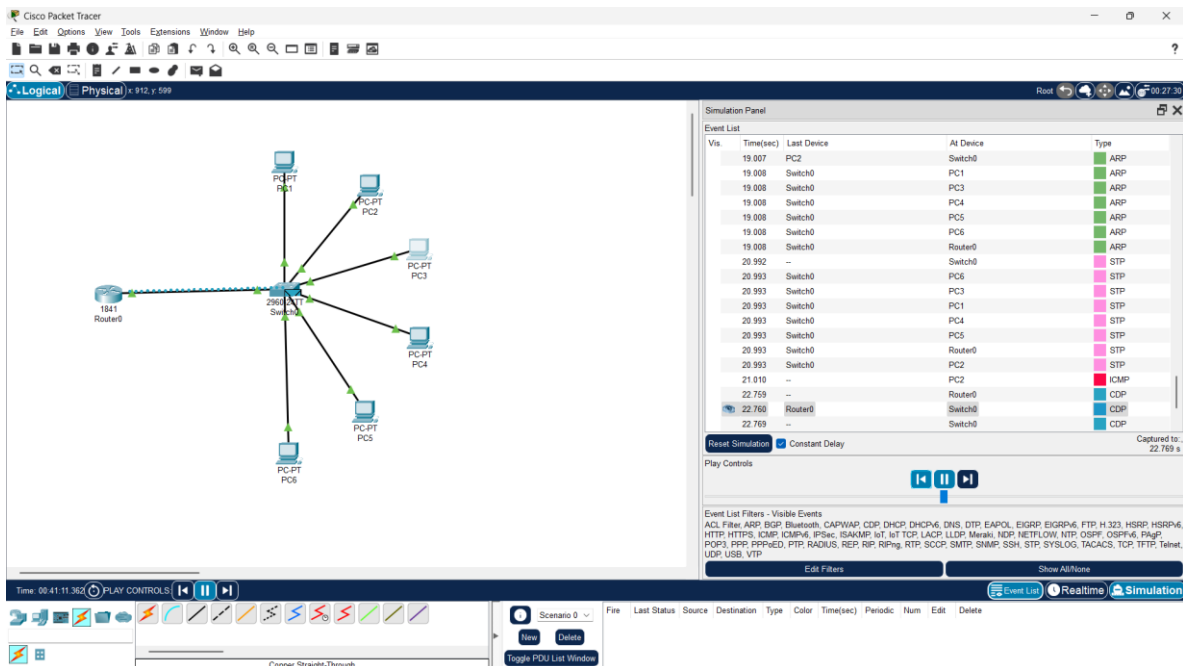
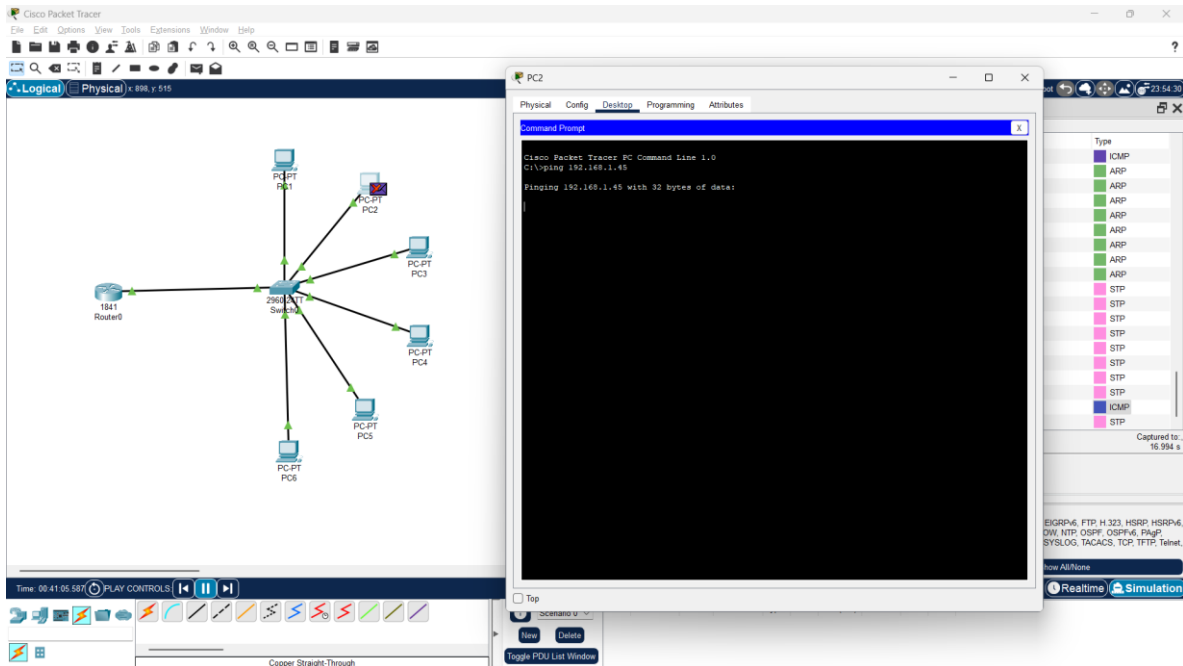
Simulation Panel

Event List

Type
STP
STP
STP
STP
STP
DTP
DTP
ICMP
ARP
ARP
ARP
ARP
ARP
ARP
ARP
ARP
ICMP

Capturing...

Simulation



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 873, y 372

Simulation Panel

Event List

Vis	Time(sec)	Last Device	At Device	Type
	20.993	Switch0	Router0	STP
	20.993	Switch0	PC2	STP
	21.010	--	PC2	ICMP
	22.759	--	Router0	CDP
	22.760	Router0	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.770	Switch0	PC1	CDP
	22.770	Switch0	PC2	CDP
	22.770	Switch0	PC3	CDP
	22.770	Switch0	PC4	CDP
	22.770	Switch0	PC5	CDP
	22.770	Switch0	PC6	CDP
	22.770	Switch0	Router0	CDP

Reset Simulation Constant Delay Captured to: 22.770 s

Play Controls

Event List Filters - Visible Events

ACL, Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDR, NETFLOW, NTP, OSPF, OSPFv6, Pktp, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Scenario 0 Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 874, y 615

Simulation Panel

Event List

Vis	Time(sec)	Last Device	At Device	Type
	20.993	Switch0	PC2	STP
	21.010	--	PC2	ICMP
	22.759	--	Router0	CDP
	22.760	Router0	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.769	--	Switch0	CDP
	22.770	Switch0	PC1	CDP
	22.770	Switch0	PC2	CDP
	22.770	Switch0	PC3	CDP
	22.770	Switch0	PC4	CDP
	22.770	Switch0	PC5	CDP
	22.770	Switch0	PC6	CDP
	22.770	Switch0	Router0	CDP
	22.973	--	Switch0	DTP

Reset Simulation Constant Delay Captured to: 22.973 s

Play Controls

Event List Filters - Visible Events

ACL, Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDR, NETFLOW, NTP, OSPF, OSPFv6, Pktp, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Scenario 0 Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Toggle PDU List Window

