

```
Switch>en
Switch#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#vlan 10
Switch(config-vlan)#int fa0/2
Switch(config-if)#exit
Switch(config)#int fa0/2
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#exit
Switch(config)#int fa0/3
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#exit
Switch(config)#
```

Switch#show spanning-tree vlan 10

VLAN0010

Spanning tree enabled protocol ieee

| | | | | | |
|---------|------------|---------------------|----------------|----------------------|--|
| Root ID | Priority | 32769 | | | |
| | Address | 0007.EC3B.DC58 | | | |
| | Cost | 114 | | | |
| | Port | 2 (FastEthernet0/2) | | | |
| | Hello Time | 2 sec | Max Age 20 sec | Forward Delay 15 sec | |

| | | | | | |
|-----------|------------|----------------|--------------------------------|----------------------|--|
| Bridge ID | Priority | 32778 | (priority 32768 sys-id-ext 10) | | |
| | Address | 0007.EC3B.DC58 | | | |
| | Hello Time | 2 sec | Max Age 20 sec | Forward Delay 15 sec | |
| | Aging Time | 20 | | | |

| Interface | Role | Sts | Cost | Prio.Nbr | Type |
|-----------|-------|------|-------|----------|-------|
| ----- | ----- | ---- | ----- | ----- | ----- |
| Fa0/2 | Root | FWD | 19 | 128.2 | P2p |
| Fa0/3 | Desg | FWD | 19 | 128.3 | P2p |

Cisco Packet Tracer PC Command Line 1.0

C:\>ping 192.168.55.1

Pinging 192.168.55.1 with 32 bytes of data:

Reply from 192.168.55.1: bytes=32 time<1ms TTL=128

Reply from 192.168.55.1: bytes=32 time<1ms TTL=128

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Reply from 192.168.55.1: bytes=32 time<1ms TTL=128

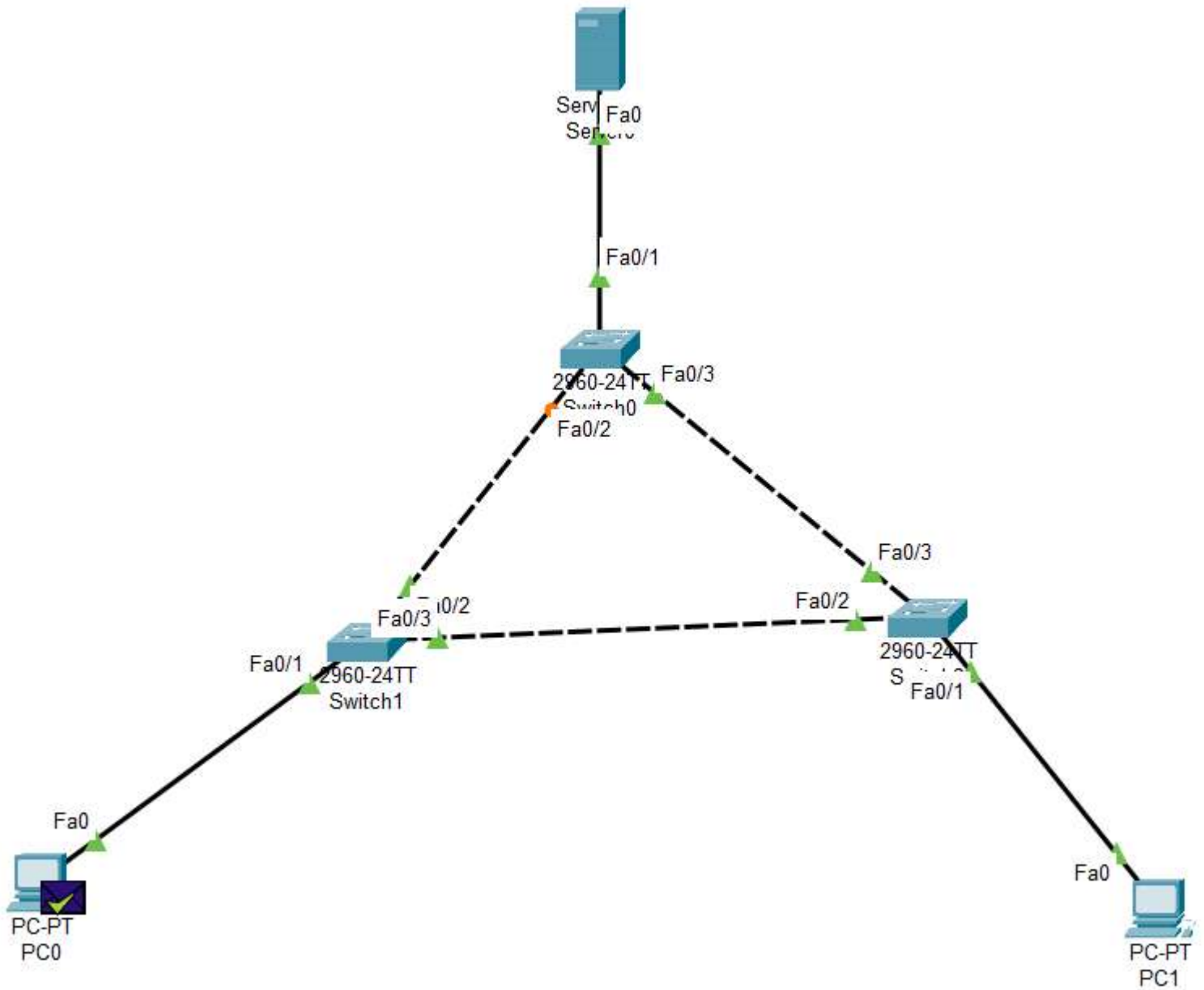
Ping statistics for 192.168.55.1:

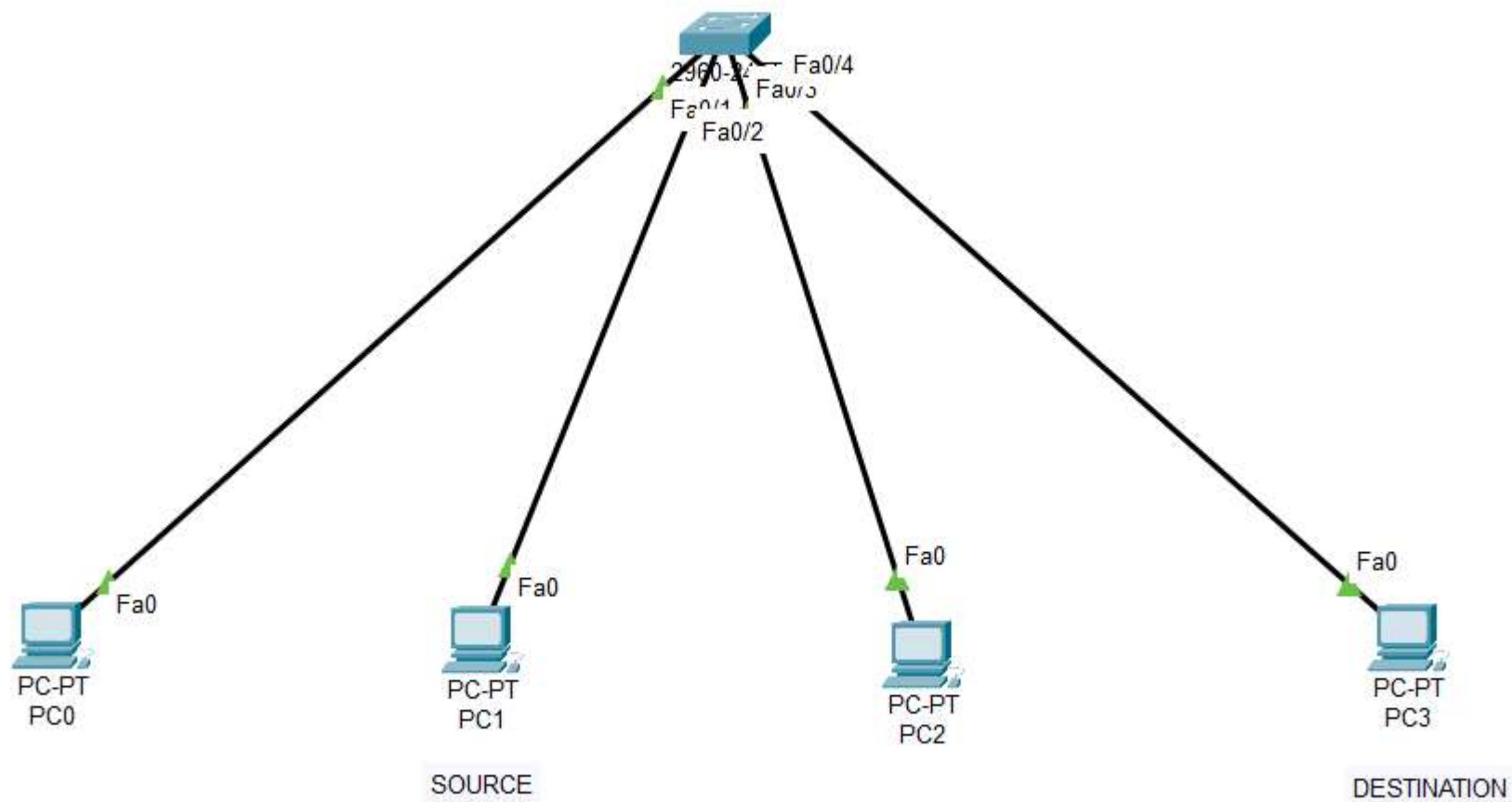
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|







PC1



Physical

Config

Desktop

Programming

Attributes

Command Prompt

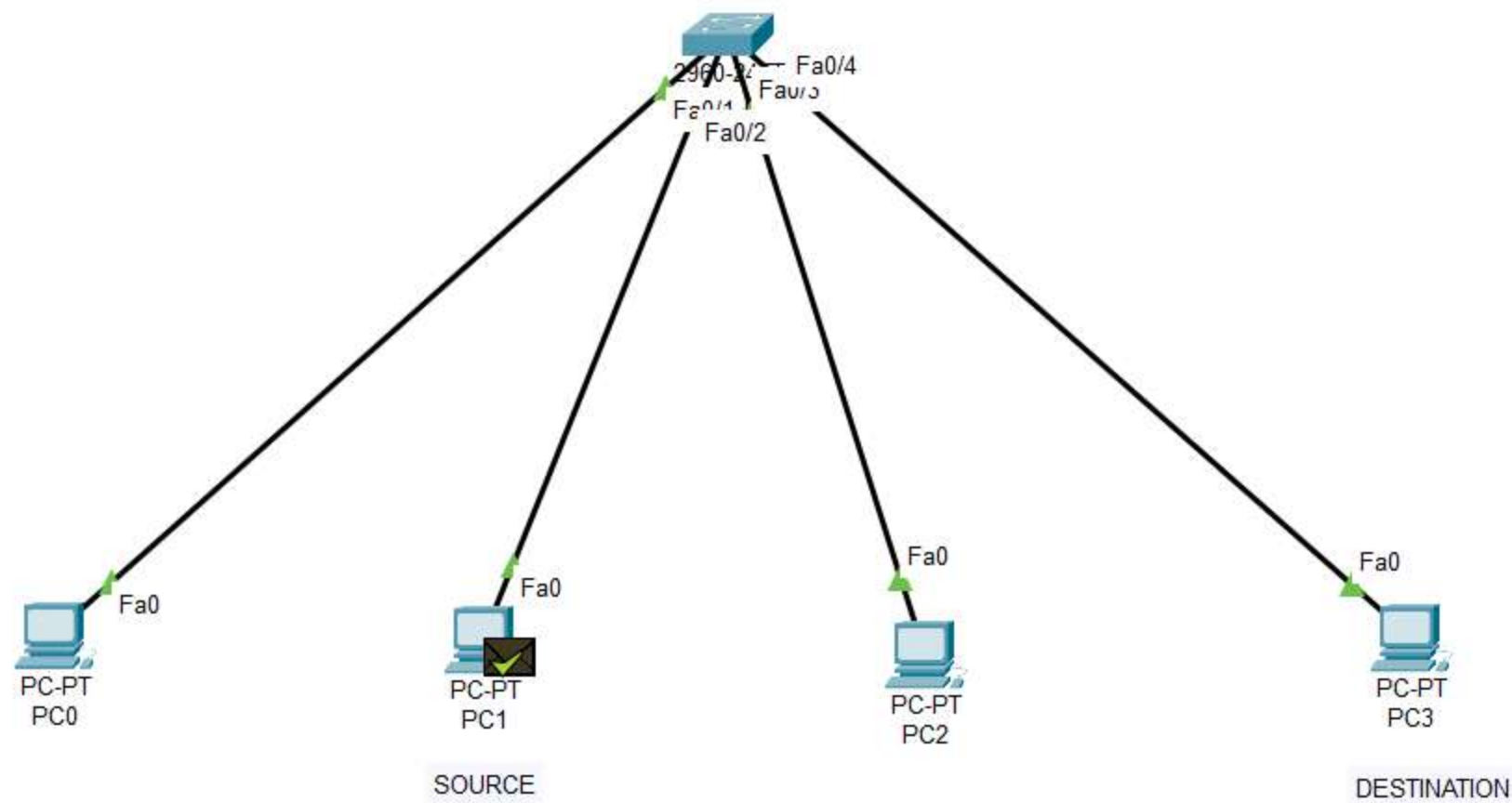


Cisco Packet Tracer PC Command Line 1.0

C:\>arp -a

| Internet Address | Physical Address | Type |
|------------------|------------------|---------|
| 192.168.55.4 | 0060.5c81.4bc9 | dynamic |

C:\>



Simulation Panel

Event List

| Vis. | Time(sec) | Last Device |
|------|-----------|-------------|
| | 1.175 | Switch0 |
| | 1.175 | Switch0 |
| | 3.175 | -- |
| | 3.176 | Switch0 |
| | 3.176 | Switch0 |
| | 3.176 | Switch0 |
| | 3.176 | Switch0 |
| | 3.176 | -- |
| | 3.177 | PC1 |
| | 3.178 | Switch0 |
| | 3.179 | PC3 |
| | 3.180 | Switch0 |

Reset Simulation ☒ Constant Delay Captured to: 3.180 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, NDP, 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: 00:06:09.388 PLAY CONTROLS: Previous Play/Pause Next



Scenario 0

New Delete

Toggle PDU List Window

| Fire | Last Status | Source | Destination | Type | Color | Time(sec) | Periodic | Num | Edit | Delete |
|------|-------------|--------|-------------|------|-------|-----------|----------|-----|--------|----------|
| | Successful | PC1 | PC3 | ICMP | | 3.176 | N | 0 | (edit) | (delete) |

Automatically Choose Connection Type