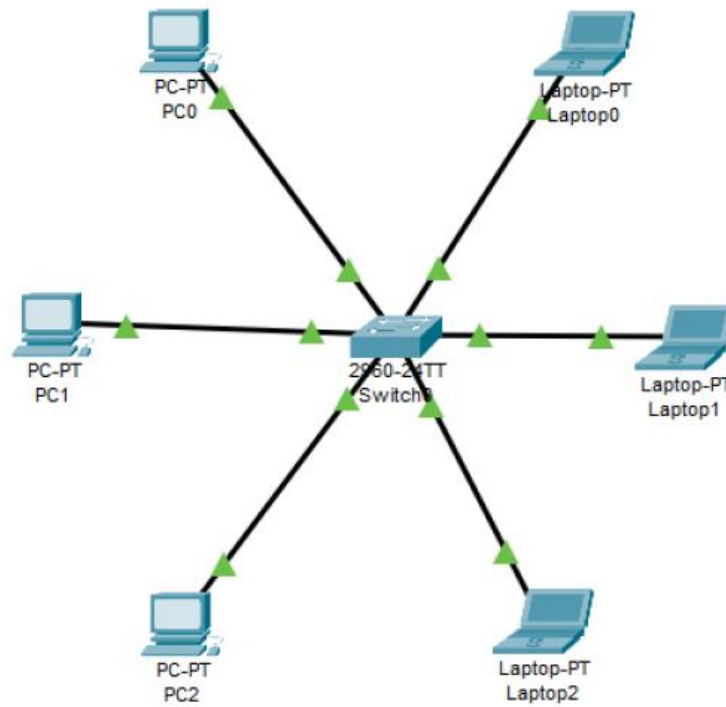


1.



2.

The network diagram shows a central 2960-24TT Switch connected to six devices: PC-PT PC0, Laptop-PT Laptop0, PC-PT PC1, Laptop-PT Laptop1, PC-PT PC2, and Laptop-PT Laptop2.

The CLI screenshot shows the configuration of Switch0:

```

Switch0>en
Switch0#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch0(config)#vlan 2
Switch0(config-vlan)#name programmer
Switch0(config-vlan)#int range fa0/1-3
Switch0(config-if-range)#switchport mode access
Switch0(config-if-range)#switchport access vlan 2
Switch0(config-if-range)#exit
Switch0(config)#exit
Switch0#
%SYS-5-CONFIG_I: Configured from console by console

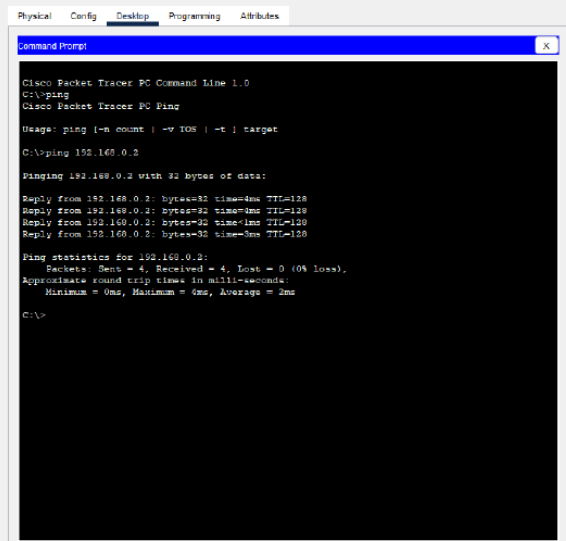
Switch0#show vlan

```

VLAN	Name	Status	Ports
1	default	active	Fa0/4, Fa0/5, Fa0/6, Fa0/7, Fa0/8, Fa0/9, Fa0/10, Fa0/11, Fa0/12, Fa0/13, Fa0/14, Fa0/15, Fa0/16, Fa0/17, Fa0/18, Fa0/19, Fa0/20, Fa0/21, Fa0/22, Fa0/23, Fa0/24, Gig0/1, Gig0/2
2	programmer	active	Fa0/1, Fa0/2, Fa0/3

VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode	Transl	Trans2
1	enet	100001	1500	-	-	-	-	-	0	0
2	enet	100002	1500	-	-	-	-	-	0	0
1002	fddi	101002	1500	-	-	-	-	-	0	0
1003	tr	101003	1500	-	-	-	-	-	0	0
1004	fdnet	101004	1500	-	-	-	ieee	-	0	0

3.



```

Cisco Packet Tracer PC Command Line 1.0
C:\>ping
Cisco Packet Tracer PC Ping

Usage: ping [-n count] [-v IOS] [-t] target

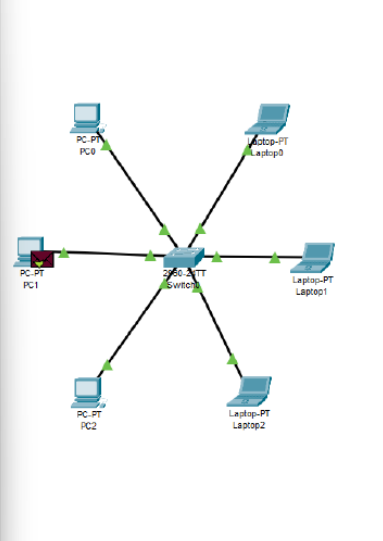
C:\>ping 192.168.0.3


Pinging 192.168.0.3 with 32 bytes of data:

Reply from 192.168.0.3: bytes=32 time=1ms TTL=128
Reply from 192.168.0.3: bytes=32 time=1ms TTL=128
Reply from 192.168.0.3: bytes=32 time=1ms TTL=128
Reply from 192.168.0.3: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.0.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>

```





Simulation Panel

Time(sec)	Last Device
0.000	-
0.001	PC1
0.002	Switch0
0.003	PC2
0.004	Switch0

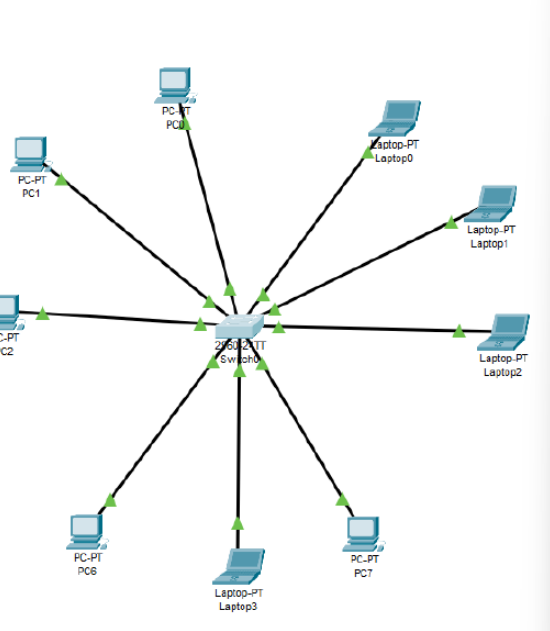
Event List Filter: Visible Events

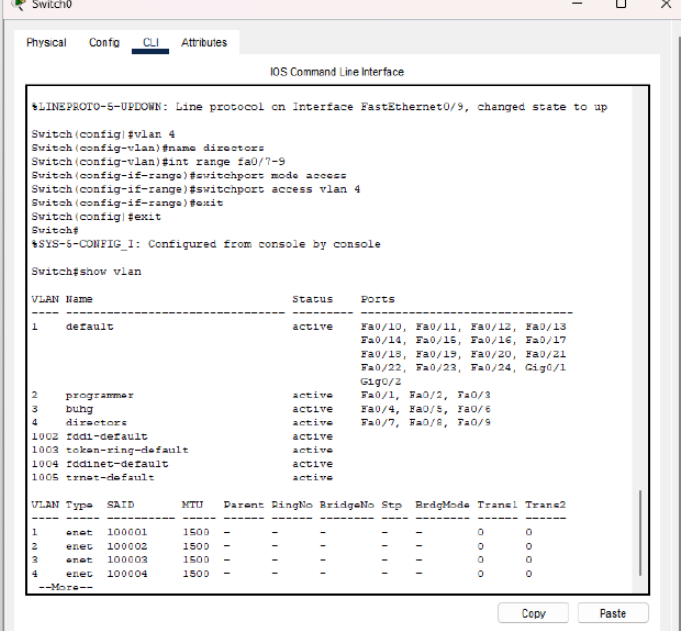
ACL Filter: ARP, BGP, Bluetooth, CAPWAP, CD, DHCPv6, DNS, DTP, EAPOL, EIGRPv6, EIGRPv6, J23, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IGMP, IOT, L2TP, LACP, LLDP, MRP, ND

Reset Simulation ☒ Constant Delay

Play Controls

4.





```

Switch0
Physical Config CLI Attributes
IOS Command Line Interface

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/9, changed state to up

Switch(config)#vlan 4
Switch(config-vlan)#name directors
Switch(config-vlan)#int range fa0/1-9
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 4
Switch(config-if-range)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console

Switch#show vlan

VLAN Name                Status    Ports
-----
1  default                active    Fa0/10, Fa0/11, Fa0/12, Fa0/13,
                                   Fa0/14, Fa0/15, Fa0/16, Fa0/17,
                                   Fa0/18, Fa0/19, Fa0/20, Fa0/21,
                                   Fa0/22, Fa0/23, Fa0/24, Gi0/2/1
                                   Gi0/2/2
2  programmer             active    Fa0/1, Fa0/2, Fa0/3
3  dung                  active    Fa0/4, Fa0/5, Fa0/6
4  directors              active    Fa0/7, Fa0/8, Fa0/9
1002 fddi-default          active
1003 token-ring-default    active
1004 fddinet-default       active
1005 trnet-default         active

VLAN Type  SAID      MTU    Parent RingNo BridgeNo Stp    BrgdMode Transl Trans2
-----
1  enet    1000001  1500    -      -      -      -      -      0      0
2  enet    1000002  1500    -      -      -      -      -      0      0
3  enet    1000003  1500    -      -      -      -      -      0      0
4  enet    1000004  1500    -      -      -      -      -      0      0
--More--

```

5.

The image displays the Cisco Packet Tracer simulation environment. On the left, a 'Command Prompt' window for PC7 shows the following output:

```

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.9
Pinging 192.168.0.9 with 32 bytes of data:
Reply from 192.168.0.9: bytes=32 time=1ms TTL=128
Reply from 192.168.0.9: bytes=32 time=1ms TTL=128
Reply from 192.168.0.9: bytes=32 time=1ms TTL=128
Reply from 192.168.0.9: bytes=32 time=1ms TTL=128
Ping statistics for 192.168.0.9:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms
C:\>
  
```

The central network diagram shows a central switch connected to several devices: PC-PT PC1, PC-PT PC2, PC-PT PC6, PC-PT PC7, Laptop-PT Laptop0, Laptop-PT Laptop1, Laptop-PT Laptop2, and Laptop-PT Laptop3. All devices are connected to the central switch.

On the right, the 'Simulation Panel' displays an 'Event List' table:

Time	Time(sec)	Last Device
0.000	---	---
0.000	---	---
0.000	---	---
0.001	---	---
0.001	---	PC7
0.001	---	---
0.002	---	Switch0
0.002	---	Switch0
0.003	---	PC6
0.003	---	---
0.004	---	Switch0
0.004	---	Switch0
0.004	---	Switch0
0.004	---	---
0.005	---	Switch0
0.005	---	---
0.006	---	PC7
0.007	---	Switch0
0.008	---	PC6
0.009	---	Switch0
0.300	---	---

The bottom of the interface shows a toolbar with various simulation tools and a status bar indicating the current scenario and simulation status.