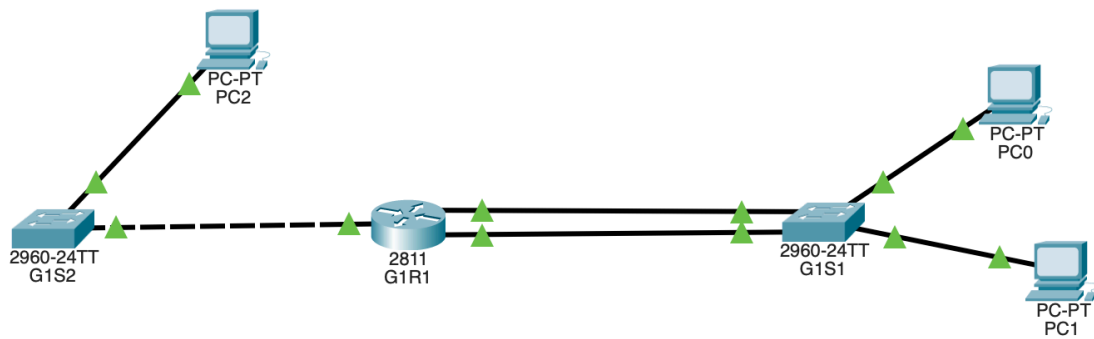
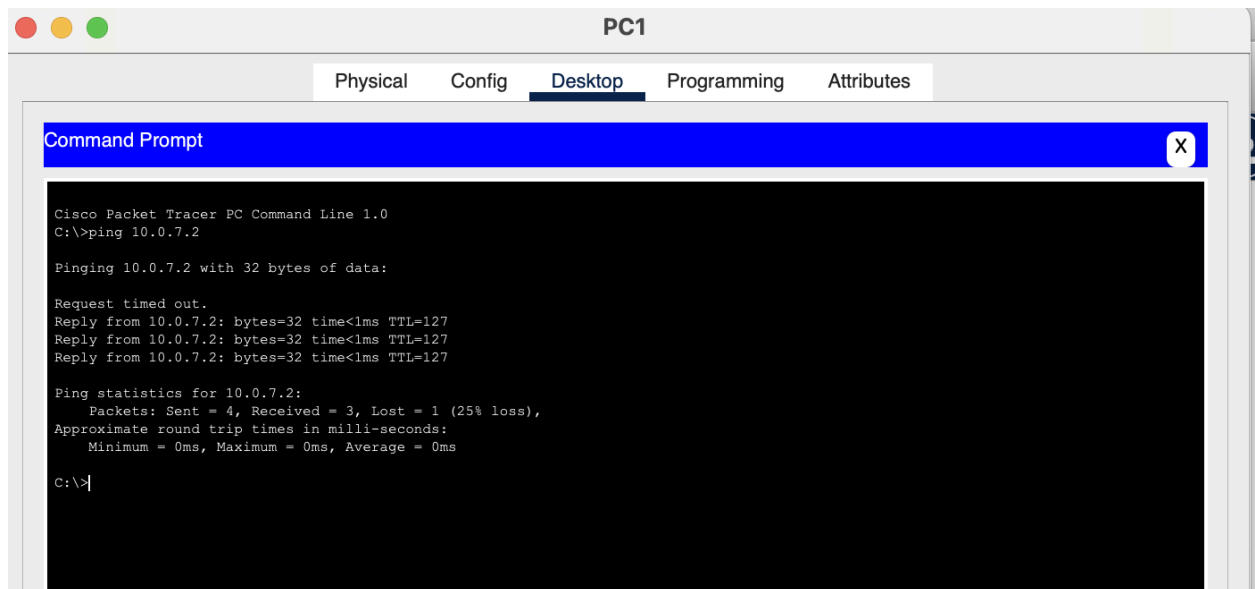


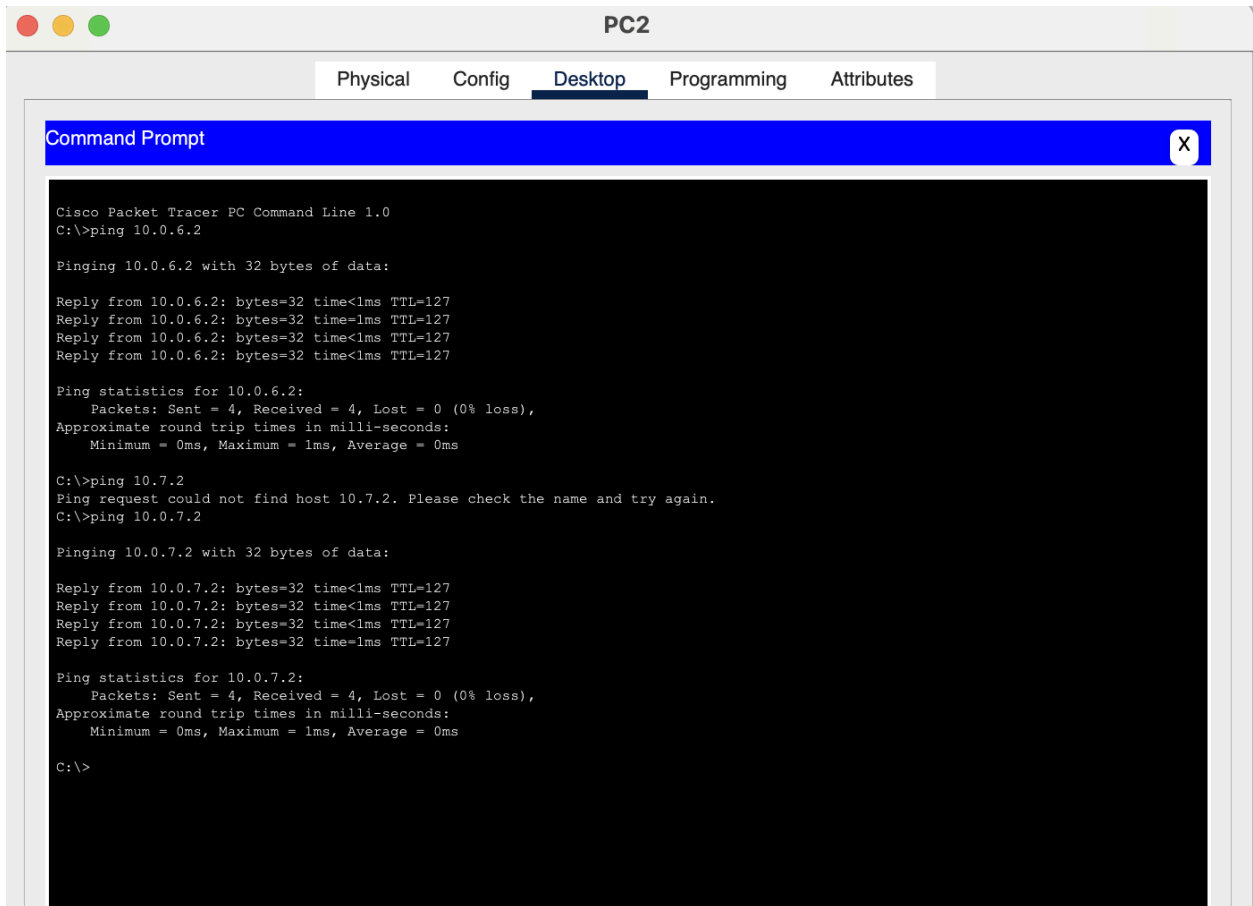
Initial Topology Setup



PC1 ping PC0



PC2 ping PC0/ PC1



VLAN Configuration

```
G1S1#show vlan brief
```

VLAN	Name	Status	Ports
1	default	active	Gig0/1, Gig0/2
6	LWAP	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/8 Fa0/9, Fa0/10, Fa0/11, Fa0/12
7	Wired	active	Fa0/13, Fa0/14, Fa0/15, Fa0/16 Fa0/17, Fa0/18, Fa0/19, Fa0/20 Fa0/21, Fa0/22, Fa0/23, Fa0/24
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

```
G1S1#
```

G1S2>enable

G1S2#Show interface trunk

Port	Mode	Encapsulation	Status	Native vlan
Fa0/1	on	802.1q	trunking	1

Port	Vlans allowed on trunk
Fa0/1	1-1005

Port	Vlans allowed and active in management domain
Fa0/1	1,2,3,4,5

Port	Vlans in spanning tree forwarding state and not pruned
Fa0/1	1,2,3,4,5

G1S2#show vlan brief

VLAN	Name	Status	Ports
1	default	active	Gig0/1, Gig0/2
2	Management	active	Fa0/2, Fa0/3, Fa0/4, Fa0/5 Fa0/6
3	Sales	active	Fa0/7, Fa0/8, Fa0/9, Fa0/10 Fa0/11, Fa0/12
4	Finance	active	Fa0/13, Fa0/14, Fa0/15, Fa0/16 Fa0/17, Fa0/18
5	Guest	active	Fa0/19, Fa0/20, Fa0/21, Fa0/22 Fa0/23, Fa0/24
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

G1S2#

Final G1R1 config

G1R1

PhysicalConfigCLIAttributes

IOS Command Line Interface

```
[OK]
G1R1#show running-config
Building configuration...

Current configuration : 1162 bytes
!
version 15.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname G1R1
!
!
!
!
!
!
!
!
no ip cef
no ipv6 cef
!
!
!
!
license udi pid CISCO2811/K9 sn FTX1017S1EI-
!
!
!
!
!
!
!
!
!
!
spanning-tree mode pvst
!
!
!
!
!
!
interface FastEthernet0/0
ip address 10.0.6.1 255.255.255.0
duplex auto
speed auto
!
interface FastEthernet0/1
ip address 10.0.7.1 255.255.255.0
duplex auto
speed auto
!
interface FastEthernet0/1/0
switchport mode trunk
!
interface FastEthernet0/1/1
```

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☐ Top

IOS Command Line Interface

```
!
interface FastEthernet0/1
ip address 10.0.7.1 255.255.255.0
duplex auto
speed auto
!
interface FastEthernet0/1/0
switchport mode trunk
!
interface FastEthernet0/1/1
switchport mode access
!
interface FastEthernet0/1/2
switchport mode access
!
interface FastEthernet0/1/3
switchport mode access
!
interface Vlan1
no ip address
shutdown
!
interface Vlan2
mac-address 0040.0bd2.0e01
ip address 10.0.2.1 255.255.255.0
!
interface Vlan3
mac-address 0040.0bd2.0e02
ip address 10.0.3.1 255.255.255.0
!
interface Vlan4
mac-address 0040.0bd2.0e03
ip address 10.0.4.1 255.255.255.0
!
interface Vlan5
mac-address 0040.0bd2.0e04
ip address 10.0.5.1 255.255.255.0
!
ip classless
ip flow-export version 9
!
!
!
!
!
!
line con 0
!
line aux 0
!
line vty 0 4
login
!
!
end
```

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