



Host	IP address	Subnet mask
PC0	192.168.1.1	255.255.255.0
PC1	192.168.1.2	255.255.255.0
PC4	192.168.1.3	255.255.255.0
PC5	192.168.1.4	255.255.255.0

Table 6.1

Host	IP address	Subnet Mask
PC2	192.168.20.1	255.255.255.0
PC3	192.168.20.2	255.255.255.0
PC6	192.168.20.3	255.255.255.0
PC7	192.168.20.4	255.255.255.0

Table 6.2

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete	
Successful	PC2	PC7	ICMP	orange	0.000	N	0	(edit)		(delete)	
Successful	PC0	PC4	ICMP	dark purple	0.000	N	1	(edit)		(delete)	
Successful	PC3	PC2	ICMP	red	0.000	N	2	(edit)		(delete)	
Successful	PC4	PC5	ICMP	green	0.000	N	3	(edit)		(delete)	

Switch2

Physical Config **CLI** Attributes

IOS Command Line Interface

```
Switch>enable
Switch#
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#
Switch(config)#vlan 10
Switch(config-vlan)# name IT
Switch(config-vlan)#vlan 20
Switch(config-vlan)# name HR
Switch(config-vlan)#
Switch(config-vlan)#end
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#interface FastEthernet0/1
Switch(config-if)#
%VY-3-CONFIG_I: Configured from console by console

Switch(config-if)#switchport mode trunk

Switch(config-if)#
%LINKPROTO-5-UPDOWN: Line protocol on interface FastEthernet0/1, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

Switch(config-if)exit
Switch(config)#interface FastEthernet0/2
Switch(config-if)#
Switch(config-if)#switchport mode trunk

Switch(config-if)#
%LINKPROTO-5-UPDOWN: Line protocol on interface FastEthernet0/2, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up

Switch(config-if)exit
Switch(config)#interface FastEthernet0/3
Switch(config-if)#
Switch(config-if)#switchport mode trunk

Switch(config-if)#
%LINKPROTO-5-UPDOWN: Line protocol on interface FastEthernet0/3, changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up
tx-ring-limit 20
```

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
● Failed	PC3	PC0	ICMP	■	0.000	N	4	(edit)		(delete)
● Failed	PC3	PC4	ICMP	■	0.000	N	5	(edit)		(delete)
● Failed	PC5	PC6	ICMP	■	0.000	N	6	(edit)		(delete)