

Physical Config Desktop Programming Attributes

Command Prompt X

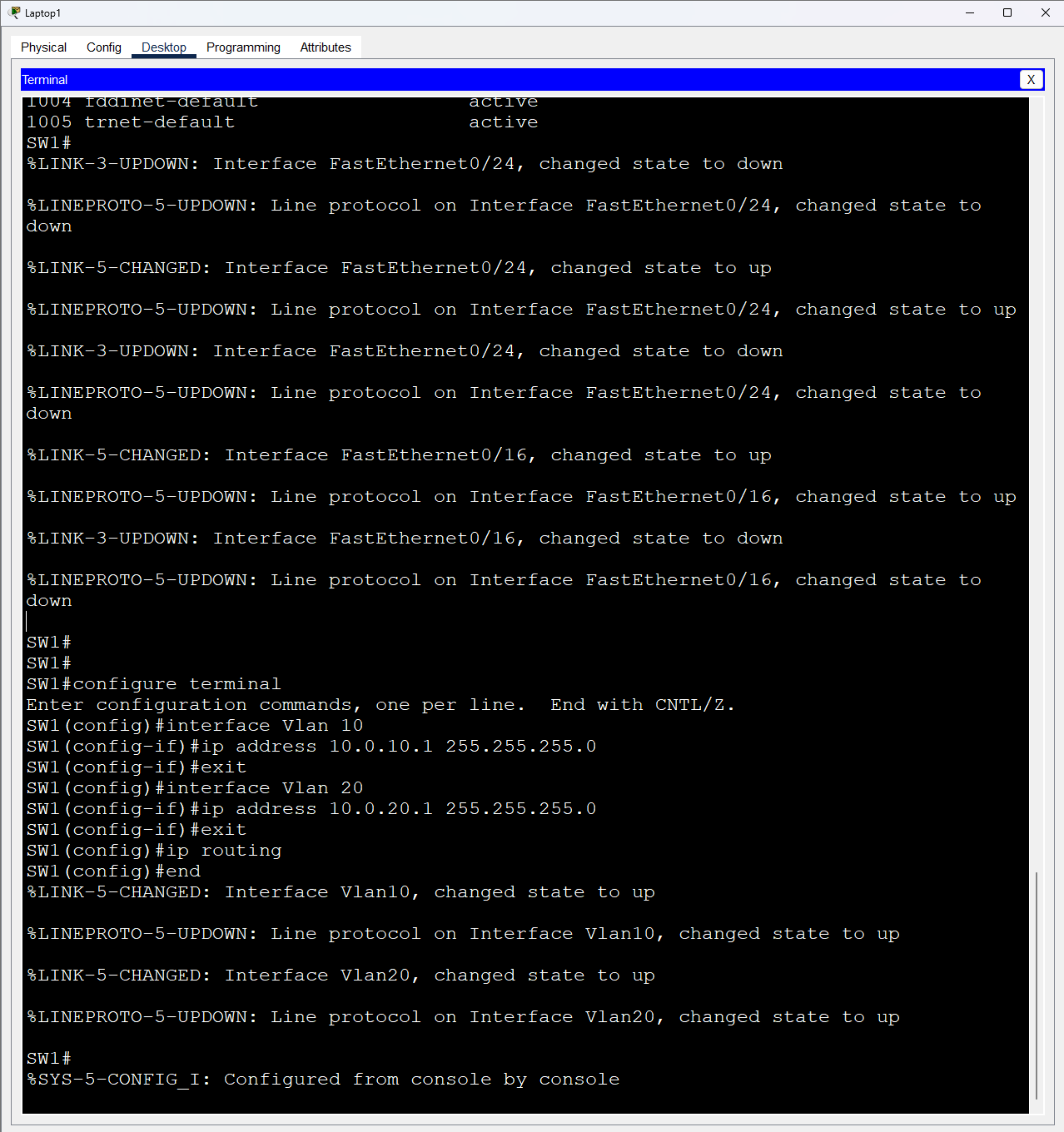
Cisco Packet Tracer PC Command Line 1.0

C:\>ipconfig /renew

```

    IP Address.....:
10.0.10.2
    Subnet Mask.....:
255.255.255.0
    Default Gateway.....:
10.0.10.1
    DNS Server.....: 0.0.0.0
```

C:\>



```
1004 fddinet-default      active
1005 trnet-default         active
SW1#
%LINK-3-UPDOWN: Interface FastEthernet0/24, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to
down

%LINK-5-CHANGED: Interface FastEthernet0/24, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to up

%LINK-3-UPDOWN: Interface FastEthernet0/24, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to
down

%LINK-5-CHANGED: Interface FastEthernet0/16, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/16, changed state to up

%LINK-3-UPDOWN: Interface FastEthernet0/16, changed state to down

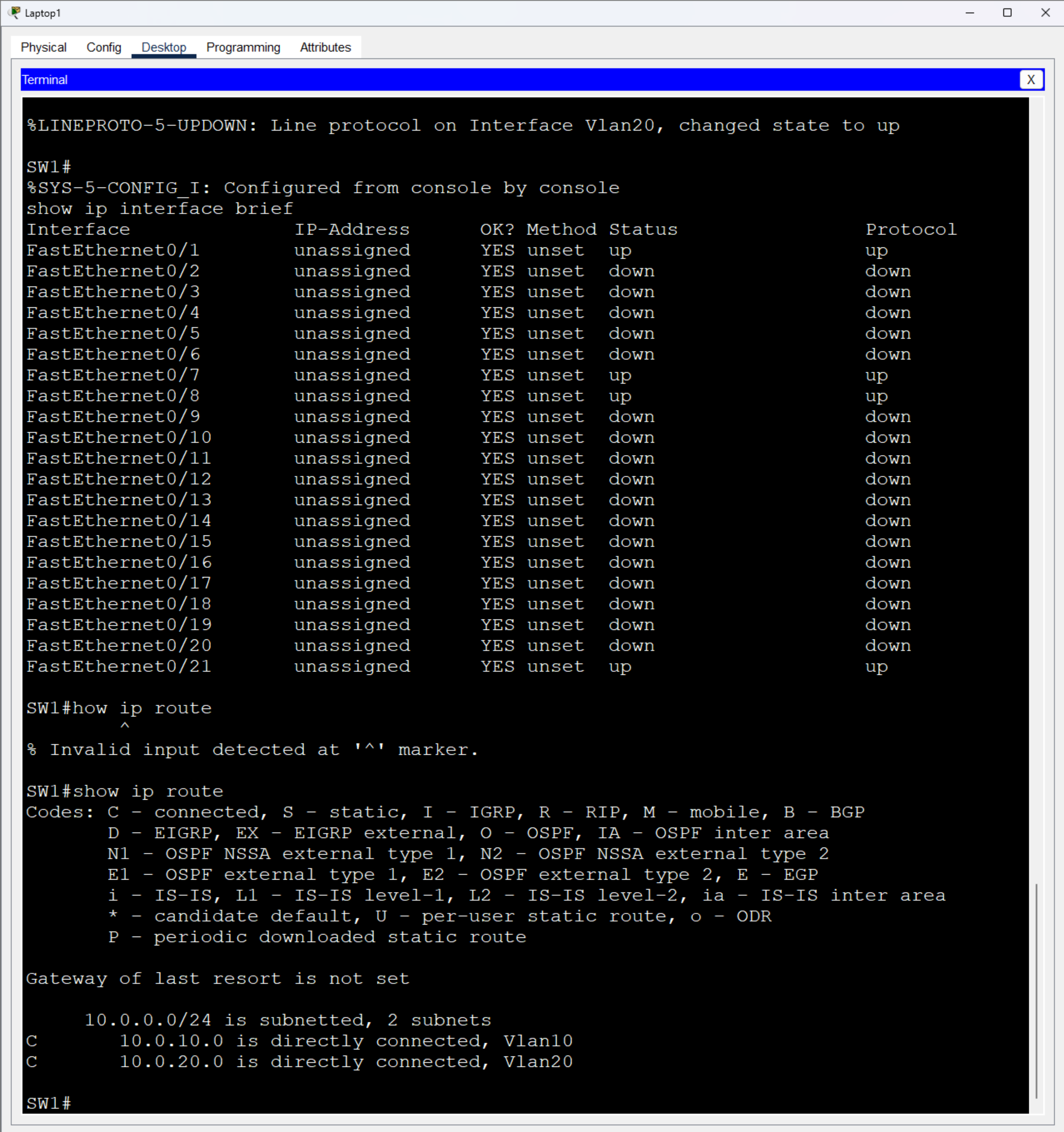
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/16, changed state to
down
|
SW1#
SW1#
SW1#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
SW1(config)#interface Vlan 10
SW1(config-if)#ip address 10.0.10.1 255.255.255.0
SW1(config-if)#exit
SW1(config)#interface Vlan 20
SW1(config-if)#ip address 10.0.20.1 255.255.255.0
SW1(config-if)#exit
SW1(config)#ip routing
SW1(config)#end
%LINK-5-CHANGED: Interface Vlan10, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan10, changed state to up

%LINK-5-CHANGED: Interface Vlan20, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan20, changed state to up

SW1#
%SYS-5-CONFIG_I: Configured from console by console
```

```
Processor board ID FTX152400KS
2 Gigabit Ethernet interfaces
DRAM configuration is 64 bits wide with parity disabled.
255K bytes of non-volatile configuration memory.
249856K bytes of ATA System CompactFlash 0 (Read/Write)
```

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

```
Router>enable
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#hostname R1
R1(config)#interface GigabitEthernet0/1.10
R1(config-subif)#encapsulation dot1Q 10
R1(config-subif)#ip address 10.0.10.1 255.255.255.0
R1(config-subif)#exit
R1(config)#interface GigabitEthernet0/1.20
R1(config-subif)#encapsulation dot1Q 20
R1(config-subif)#ip address 10.0.20.1 255.255.255.0
R1(config-subif)#exit
R1(config)#ip dhcp pool LW5_VLAN10
R1(dhcp-config)#network 10.0.10.0 255.255.255.0
R1(dhcp-config)#default-router 10.0.10.1
R1(dhcp-config)#exit
R1(config)#ip dhcp pool LW5_VLAN20
R1(dhcp-config)#network 10.0.20.0 255.255.255.0
R1(dhcp-config)#default-router 10.0.20.1
R1(dhcp-config)#exit
R1(config)#interface GigabitEthernet0/1
R1(config-if)#no shutdown

R1(config-if)#end
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up

%LINK-5-CHANGED: Interface GigabitEthernet0/1.10, changed state to up

%LINK-5-CHANGED: Interface GigabitEthernet0/1.20, changed state to up

R1#
%SYS-5-CONFIG_I: Configured from console by console
```



```
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>ping 10.0.20.1
```

```
Pinging 10.0.20.1 with 32 bytes of data:
```

```
Reply from 10.0.20.1: bytes=32 time<1ms TTL=255
Reply from 10.0.20.1: bytes=32 time<1ms TTL=255
Reply from 10.0.20.1: bytes=32 time<1ms TTL=255
```

```
Ping statistics for 10.0.20.1:
```

```
Packets: Sent = 3, Received = 3, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
Control-C
```

```
^C
```

```
C:\>ping 10.0.10.1
```

```
|
```

```
Pinging 10.0.10.1 with 32 bytes of data:
```

```
Reply from 10.0.10.1: bytes=32 time<1ms TTL=255
Reply from 10.0.10.1: bytes=32 time<1ms TTL=255
Reply from 10.0.10.1: bytes=32 time<1ms TTL=255
```

```
Ping statistics for 10.0.10.1:
```

```
Packets: Sent = 3, Received = 3, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
Control-C
```

```
^C
```

```
C:\>ping 10.0.10.2
```

```
Pinging 10.0.10.2 with 32 bytes of data:
```

```
Request timed out.
```

```
Reply from 10.0.10.2: bytes=32 time<1ms TTL=127
Reply from 10.0.10.2: bytes=32 time<1ms TTL=127
Reply from 10.0.10.2: bytes=32 time<1ms TTL=127
```

```
Ping statistics for 10.0.10.2:
```

```
Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>
```

```
Default Gateway.....: 10.0.20.1
DNS Server.....: 0.0.0.0
```

```
C:\>ping 10.0.10.1
```

```
Pinging 10.0.10.1 with 32 bytes of data:
```

```
Reply from 10.0.10.1: bytes=32 time<1ms TTL=255
Reply from 10.0.10.1: bytes=32 time<1ms TTL=255
Reply from 10.0.10.1: bytes=32 time<1ms TTL=255
```

```
Ping statistics for 10.0.10.1:
```

```
    Packets: Sent = 3, Received = 3, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
Control-C
```

```
^C
```

```
C:\>ping 10.0.10.2
```

```
Pinging 10.0.10.2 with 32 bytes of data:
```

```
Request timed out.
```

```
Reply from 10.0.10.2: bytes=32 time<1ms TTL=127
Reply from 10.0.10.2: bytes=32 time=1ms TTL=127
Reply from 10.0.10.2: bytes=32 time<1ms TTL=127
```

```
Ping statistics for 10.0.10.2:
```

```
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

```
C:\>
```

```
C:\>ping 10.0.20.1
```

```
Pinging 10.0.20.1 with 32 bytes of data:
```

```
Reply from 10.0.20.1: bytes=32 time<1ms TTL=255
Reply from 10.0.20.1: bytes=32 time=1ms TTL=255
Reply from 10.0.20.1: bytes=32 time=2ms TTL=255
```

```
Ping statistics for 10.0.20.1:
```

```
    Packets: Sent = 3, Received = 3, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 2ms, Average = 1ms
```

```
Control-C
```

```
^C
```

```
C:\>
```