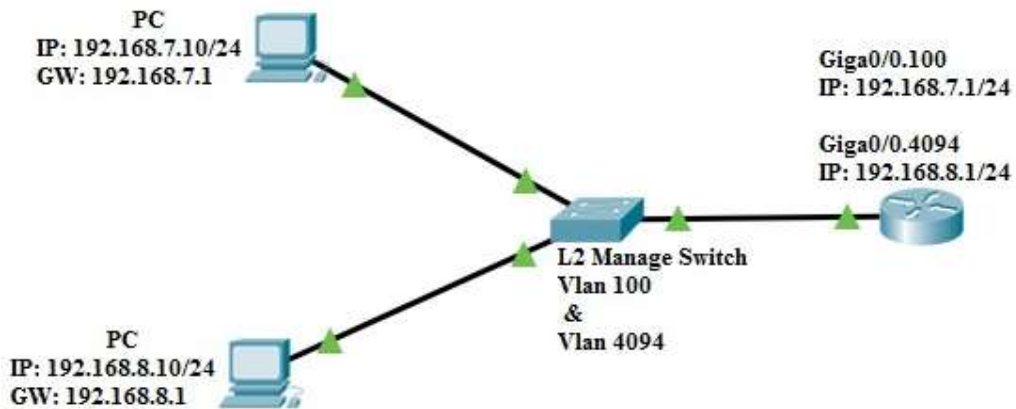


Verify 802.1Q



```
interface GigEthernet0/1
  no ip address
  !
interface GigEthernet0/1.100
  ip address 192.168.7.1 255.255.255.0
  encapsulation dot1Q 100
  !
interface GigEthernet0/1.4094
  ip address 192.168.8.1 255.255.255.0
  encapsulation dot1Q 4094
```

```
interface GigEthernet0/1
  no ip address
  no ip directed-broadcast
  ip http firewalltype 0
  !
interface GigEthernet0/1.100
  ip address 192.168.7.1 255.255.255.0
  no ip directed-broadcast
  encapsulation dot1Q 100
  bandwidth 1000000
  delay 1
  !
interface GigEthernet0/1.4094
  ip address 192.168.8.1 255.255.255.0
  no ip directed-broadcast
  encapsulation dot1Q 4094
  bandwidth 1000000
  delay 1
  !
interface GigEthernet0/2
  Router_1#
  Router_1#
  Router_1#ping 192.168.7.10 -n 20
  PING 192.168.7.10 (192.168.7.10): 56 data bytes
  !!!!!!!!!!!!!!!!!!!!!!!
  --- 192.168.7.10 ping statistics ---
  20 packets transmitted, 20 packets received, 0% packet loss
  round-trip min/avg/max = 1/1/1 ms
  Router_1#
  Router_1#
  Router_1#ping 192.168.8.10 -n 20
  PING 192.168.8.10 (192.168.8.10): 56 data bytes
  !!!!!!!!!!!!!!!!!!!!!!!
  --- 192.168.8.10 ping statistics ---
  20 packets transmitted, 20 packets received, 0% packet loss
  round-trip min/avg/max = 0/0/2 ms
  Router_1#
  Router_1#
```

Vlan100 (PC IP 192.168.7.10/24)

```
C:\WINDOWS\system32\cmd.exe
C:\Users\Harshad>ipconfig

Windows IP Configuration

Wireless LAN adapter Local Area Connection* 4:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix  . :

Ethernet adapter Ethernet 2:

Connection-specific DNS Suffix  . :
IPv6 Address. . . . . : 2405:200:1410:39a::a
Link-local IPv6 Address . . . . . : fe80:594a:f00:1446:4cb%17
IPv4 Address. . . . . : 192.168.7.10
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.7.1

Wireless LAN adapter Wi-Fi:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix  . :

Ethernet adapter Bluetooth Network Connection:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix  . :

C:\Users\Harshad>

C:\WINDOWS\system32\cmd.exe
C:\Users\Harshad>ping 192.168.7.1

Pinging 192.168.7.1 with 32 bytes of data:
Reply from 192.168.7.1: bytes=32 time=1ms TTL=255
Reply from 192.168.7.1: bytes=32 time=1ms TTL=255
Reply from 192.168.7.1: bytes=32 time=1ms TTL=255
Reply from 192.168.7.1: bytes=32 time=1ms TTL=255

Ping statistics for 192.168.7.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms

C:\Users\Harshad>
C:\Users\Harshad>ping 192.168.8.10

Pinging 192.168.8.10 with 32 bytes of data:
Reply from 192.168.8.10: bytes=32 time=2ms TTL=127
Reply from 192.168.8.10: bytes=32 time=2ms TTL=127
Reply from 192.168.8.10: bytes=32 time=2ms TTL=127
Reply from 192.168.8.10: bytes=32 time=2ms TTL=127

Ping statistics for 192.168.8.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 2ms, Average = 2ms

C:\Users\Harshad>
C:\Users\Harshad>ping 192.168.8.1

Pinging 192.168.8.1 with 32 bytes of data:
Reply from 192.168.8.1: bytes=32 time=1ms TTL=255
Reply from 192.168.8.1: bytes=32 time=1ms TTL=255
Reply from 192.168.8.1: bytes=32 time=1ms TTL=255
Reply from 192.168.8.1: bytes=32 time=1ms TTL=255

Ping statistics for 192.168.8.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms

C:\Users\Harshad>
```

Vlan4094 (PC IP 192.168.8.10/24)

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\Raje>ipconfig

Windows IP Configuration

Ethernet adapter Bluetooth Network Connection:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 3:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix  . :

Wireless LAN adapter Wi-Fi:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix  . :

Ethernet adapter Ethernet:

Connection-specific DNS Suffix  . :
Link-local IPv6 Address . . . . . : fe80:25ad:1bf3:hc8e:dd38x3
IPv4 Address. . . . . : 192.168.8.10
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.8.1

Tunnel adapter isatap.<9576471D-E1B9-4F11-A72F-AB7E8E7CD966>:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix  . :

C:\Users\Raje>

C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\Raje>ping 192.168.8.1

Pinging 192.168.8.1 with 32 bytes of data:
Reply from 192.168.8.1: bytes=32 time=1ms TTL=255
Reply from 192.168.8.1: bytes=32 time=1ms TTL=255
Reply from 192.168.8.1: bytes=32 time=1ms TTL=255
Reply from 192.168.8.1: bytes=32 time=1ms TTL=255

Ping statistics for 192.168.8.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\Raje>
C:\Users\Raje>ping 192.168.7.10

Pinging 192.168.7.10 with 32 bytes of data:
Reply from 192.168.7.10: bytes=32 time=2ms TTL=127
Reply from 192.168.7.10: bytes=32 time=1ms TTL=127
Reply from 192.168.7.10: bytes=32 time=1ms TTL=127
Reply from 192.168.7.10: bytes=32 time=2ms TTL=127

Ping statistics for 192.168.7.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 2ms, Average = 1ms

C:\Users\Raje>
C:\Users\Raje>ping 192.168.7.1

Pinging 192.168.7.1 with 32 bytes of data:
Reply from 192.168.7.1: bytes=32 time=1ms TTL=255
Reply from 192.168.7.1: bytes=32 time=1ms TTL=255
Reply from 192.168.7.1: bytes=32 time=1ms TTL=255
Reply from 192.168.7.1: bytes=32 time=1ms TTL=255

Ping statistics for 192.168.7.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\Raje>
```