

Which devices are on the path from PC-A to the Web Server? Use the addressing table to determine the device names?

S1, R1, R2, the internet I guess

Which devices are on the path from PC-B to the Web Server?

S3, R3, R2, the internet I guess

What are the results?

It didn't work

What will the HSRP priority of R3 be when it is added to HSRP group 1?

100

Which router is the active router?

R1

What is the MAC address for the virtual IP address?

0000.0C9F.F001

What is the IP address and priority of the standby router?

IP address 192.168.1.3, priority 100.

Which address should you use?

192.168.1.254

Are the pings successful?

Yes

Does the path differ from the path used before HSRP was configured?

Yes it goes through R1 instead of R3.

How was this trace different from the previous trace?

At first, it dies. Then it went through R3, R2, and the internet I guess. R3 was used as the first hop gateway in this trace instead of R1.

What path is used to reach the Web Server?

At first it dies. Then it uses R1 as the gateway again.

If the preempt command was not configured for the HSRP group on R1, would the results have been the same?

No, R1 would not become the gateway again. R3 would still be used.