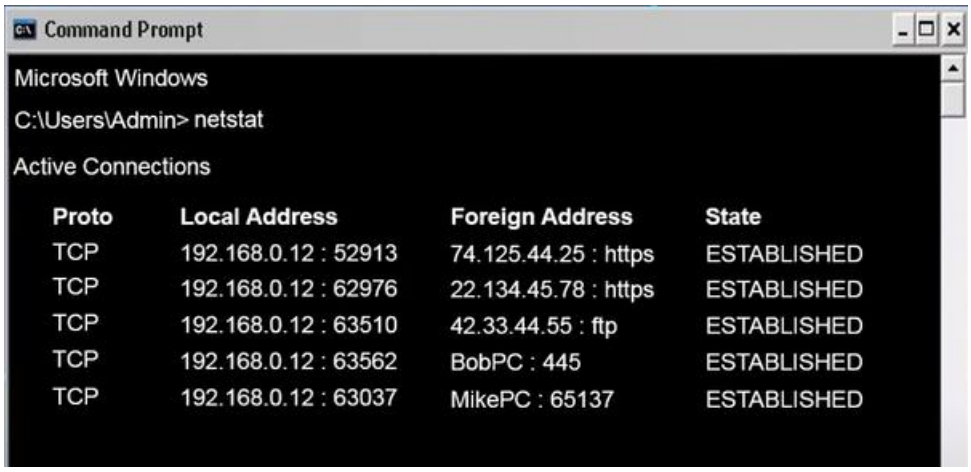
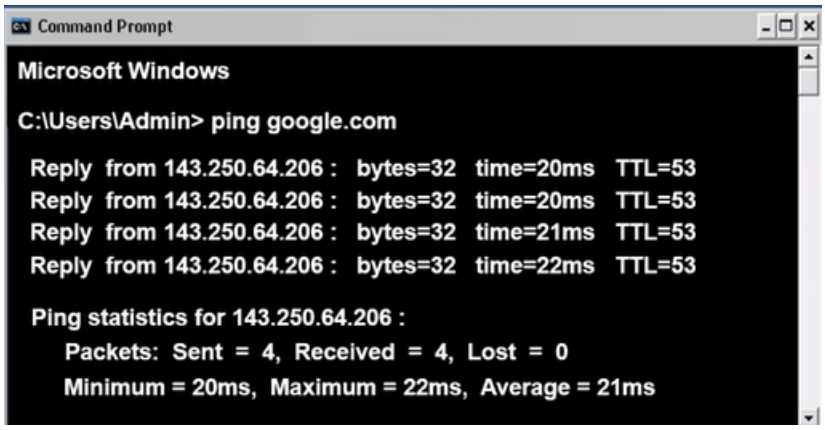
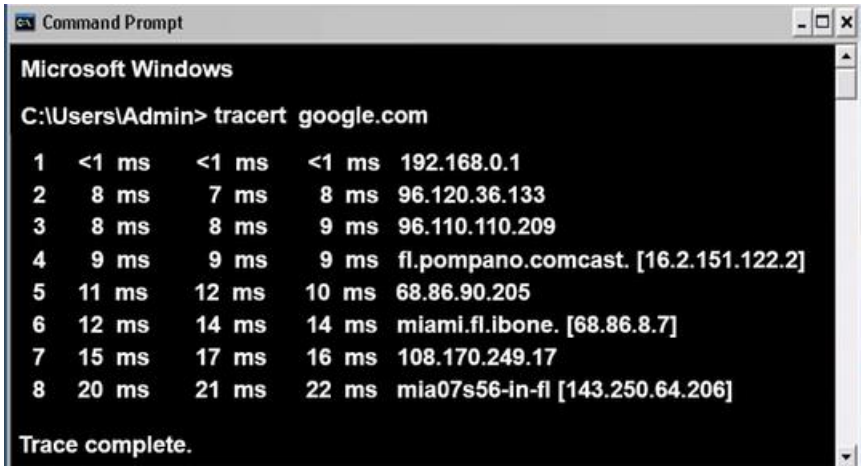
Netstat



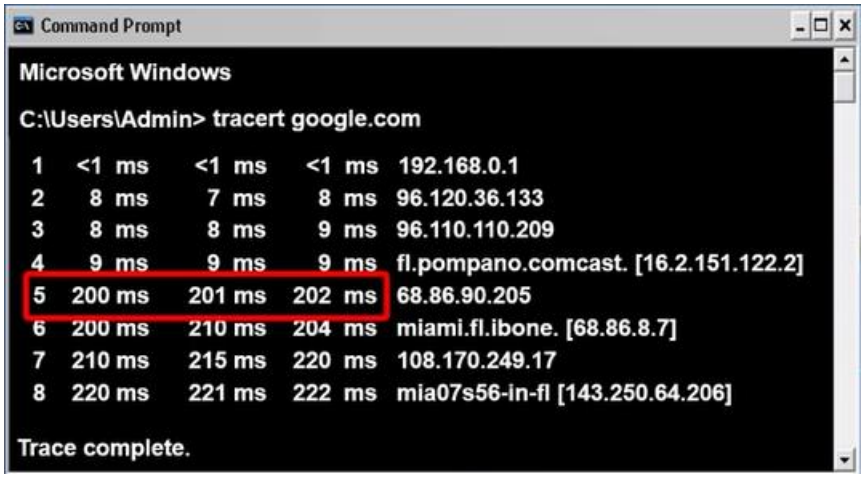
Ping



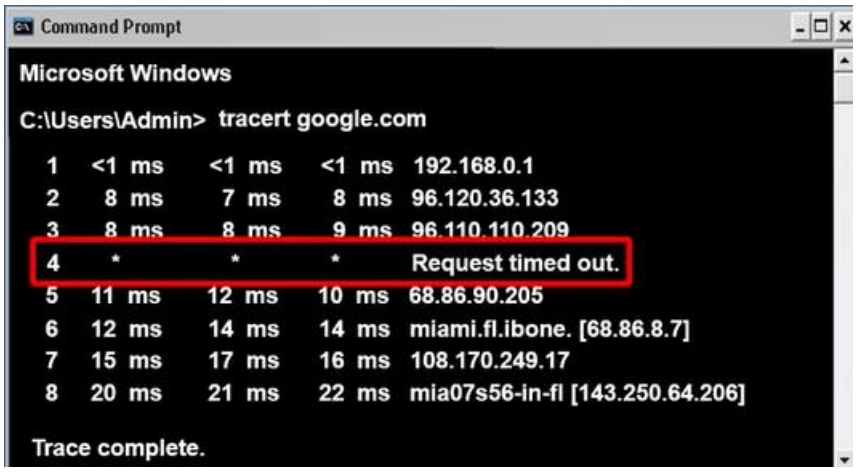
Traceroute



Where hop count = 8



In this case, trip time taken by data packets at 5th hop is near 200ms and thus 5th router from the source router can be the bottleneck and may resulting into the lag. Thus, using traceroute we can easily pinpoint the exact location where a down link or an issue is occurring.



Another case where it wont show us the trip time by data packets this could be due to the fact that the 4th router didn't send the packets back but routed them to the next router. This could be a possible down link.