NetLab6\_1\_2

*R1# sho ip route*

A screenshot of a computer

Description automatically generated

1. After all your configurations are completed, is the system working properly? Do all ping commands work with no errors or drop packets?
   1. From all the pings that I entered it seems the system seems to be working properly without errors or dropped packets.
2. What would happen if the link between routers 4 and 5 fails? Do you need to do any configuration changed to keep the topology functioning?
   1. If the link between the routers 4 and 5 failed then that route just wouldn’t be able to be used, since there are routes that still connect everything nothing would happen and the topology would still be able to function properly
3. What would happen if the link between routers 2 and 5 fails? Do you need to do any configuration changed to keep the topology functioning?
   1. Same thing as if the link between 4 and 5 went down. There are still links that provide routes throughout all of the topology.
4. Is the new network reachable from all the rest of the network?
   1. Yes, it is reachable by the rest of the network

*Sho ip route 1 & 3*

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated