For the following network
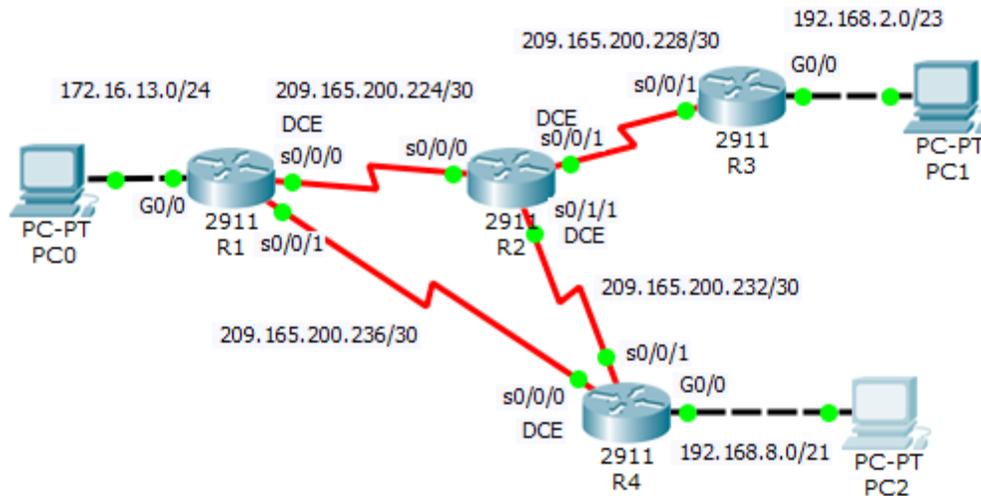
Addresses Table

Device	Interface	IP address	Subnet mask	Default Gateway
R1	G0/0	172.16.13.1	255.255.255.0	N/A
	S0/0/0	209.165.200.225	255.255.255.252	N/A
	S0/0/1	209.165.200.238	255.255.255.252	N/A
R2	S0/0/0	209.165.200.226	255.255.255.252	N/A
	S0/0/1	209.165.200.229	255.255.255.252	N/A
	S0/1/1	209.165.200.233	255.255.255.252	N/A
R3	G0/0	192.168.2.1	255.255.254.0	N/A
	S0/0/1	209.165.200.230	255.255.255.252	N/A
R4	G0/0	192.168.8.1	255.255.248.0	N/A
	S0/0/0	209.165.200.237	255.255.255.252	N/A
	S0/0/1	209.165.200.234	255.255.255.252	N/A
PC0		172.16.13.10	255.255.255.0	172.16.13.1
PC1		192.168.2.10	255.255.254.0	192.168.2.1
PC2		192.168.8.10	255.255.248.0	192.168.8.1

1- Set up the topology, configure basic device settings and verify LAN connectivity.

2- Configure Static Routes
- On R3, configure a default route using the next hop IP address as a next hop option
- On R4, configure a directly connected static route to all the networks
- On R2, configure a next hop static route to all the networks
- On R1, configure a summary route to represent all the other networks using the exit interface as a next hop option.
- Verify the connectivity between the networks.