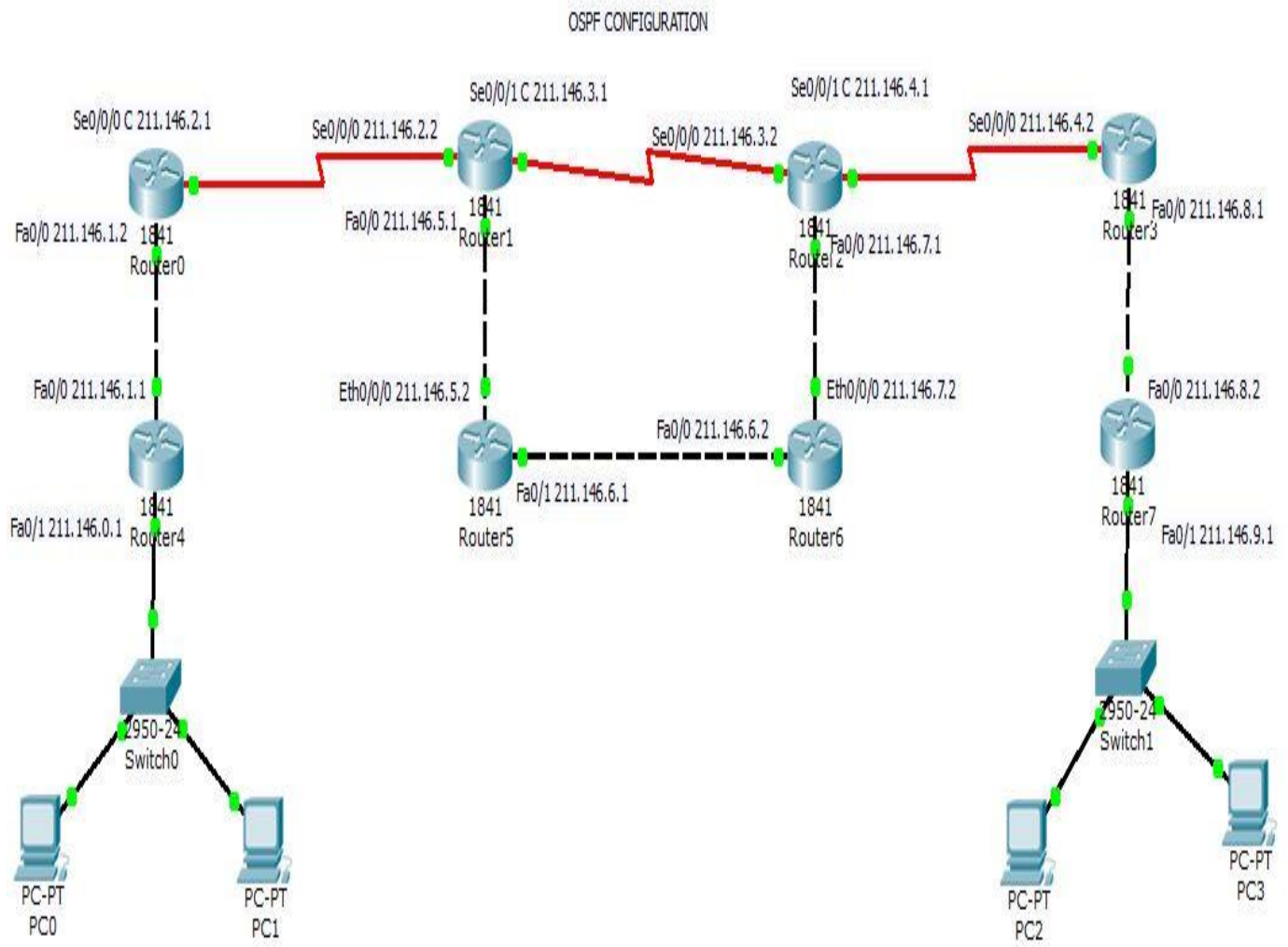


OSPF Topology (Online Exam)

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- Area Should be Zero for all network and OSPF ID is 1 for all network too!!!
- Subnet by default Class C [255.255.255.0]

Addressing Table

Device	Interface	IP Address	Subnet Mask	Default Gateway
Router 0	Fa0/0	211.146.1.2	255.255.255.0	N/A
	Se2/0	211.146.2.1	255.255.255.0	N/A
Router 1	Fa0/0	211.146.5.1	255.255.255.0	N/A
	Se2/0	211.146.2.2	255.255.255.0	N/A
	Se3/0	211.146.3.1	255.255.255.0	N/A
Router 2	Fa0/0	211.146.7.1	255.255.255.0	N/A
	Se2/0	211.146.3.2	255.255.255.0	N/A
	Se3/0	211.146.4.1	255.255.255.0	N/A
Router 3	Fa0/0	211.146.8.1	255.255.255.0	N/A
	Se2/0	211.146.4.2	255.255.255.0	N/A
Router 4	Fa0/0	211.146.1.1	255.255.255.0	N/A
	Fa1/0	211.146.0.1	255.255.255.0	N/A
Router 5	Fa0/0	211.146.5.2	255.255.255.0	N/A
	Fa1/0	211.146.6.1	255.255.255.0	N/A
Router 6	Fa0/0	211.146.7.2	255.255.255.0	N/A
	Fa1/0	211.146.6.2	255.255.255.0	N/A
Router 7	Fa0/0	211.146.8.2	255.255.255.0	N/A
	Fa1/0	211.146.9.1	255.255.255.0	N/A
PC 0	N/A	211.146.0.2	255.255.255.0	211.146.0.1
PC 1	N/A	211.146.0.3	255.255.255.0	211.146.0.1

PC 2	N/A	211.146.9.2	255.255.255.0	211.146.9.1
PC 3	N/A	211.146.9.3	255.255.255.0	211.146.9.1

Configuration

Device	Command
R0	Router>enable Router#config t Enter configuration commands, one per line. End with CNTL/Z. Router(config)#router ospf 1 Router(config-router)#network 211.146.1.0 0.0.0.255 area 0 Router(config-router)#network 211.146.2.0 0.0.0.255 area 0 Router(config-router)#exit
R1	Router>enable Router#config t Enter configuration commands, one per line. End with CNTL/Z. Router(config)#router ospf 1 Router(config-router)#network 211.146.3.0 0.0.0.255 area 0 Router(config-router)#network 211.146.5.0 0.0.0.255 area 0 Router(config-router)#network 211.146.2.0 0.0.0.255 area 0 Router(config-router)#exit
R2	Router>enable Router#config t Enter configuration commands, one per line. End with CNTL/Z. Router(config)#router ospf 1 Router(config-router)#network 211.146.3.0 0.0.0.255 area 0 Router(config-router)#network 211.146.7.0 0.0.0.255 area 0 Router(config-router)#network 211.146.4.0 0.0.0.255 area 0 Router(config-router)#exit

R3	Router>enable Router#config t Enter configuration commands, one per line. End with CNTL/Z. Router(config)#router ospf 1 Router(config-router)#network 211.146.4.0 0.0.0.255 area 0 Router(config-router)#network 211.146.8.0 0.0.0.255 area 0 Router(config-router)#exit
R4	Router>enable Router#config t Enter configuration commands, one per line. End with CNTL/Z. Router(config)#router ospf 1 Router(config-router)#network 211.146.1.0 0.0.0.255 area 0 Router(config-router)#network 211.146.0.0 0.0.0.255 area 0 Router(config-router)#exit
R5	Router>enable Router#config t Enter configuration commands, one per line. End with CNTL/Z. Router(config)#router ospf 1 Router(config-router)#network 211.146.6.0 0.0.0.255 area 0 Router(config-router)#network 211.146.5.0 0.0.0.255 area 0 Router(config-router)#exit
R6	Router>enable Router#config t Enter configuration commands, one per line. End with CNTL/Z. Router(config)#router ospf 1 Router(config-router)#network 211.146.6.0 0.0.0.255 area 0 Router(config-router)#network 211.146.7.0 0.0.0.255 area 0 Router(config-router)#exit
R7	Router>enable Router#config t Enter configuration commands, one per line. End with CNTL/Z. Router(config)#router ospf 1 Router(config-router)#network 211.146.9.0 0.0.0.255 area 0

	Router(config-router)#network 211.146.8.0 0.0.0.255 area 0 Router(config-router)#exit
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