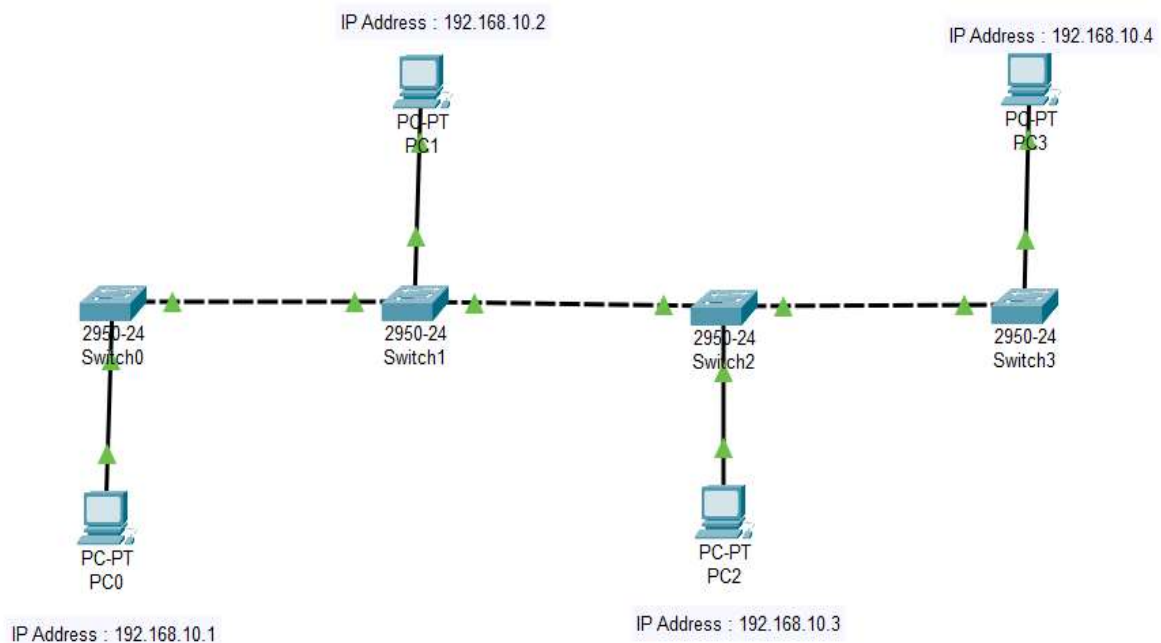


Question :

Network Topologies

Bus Topology:

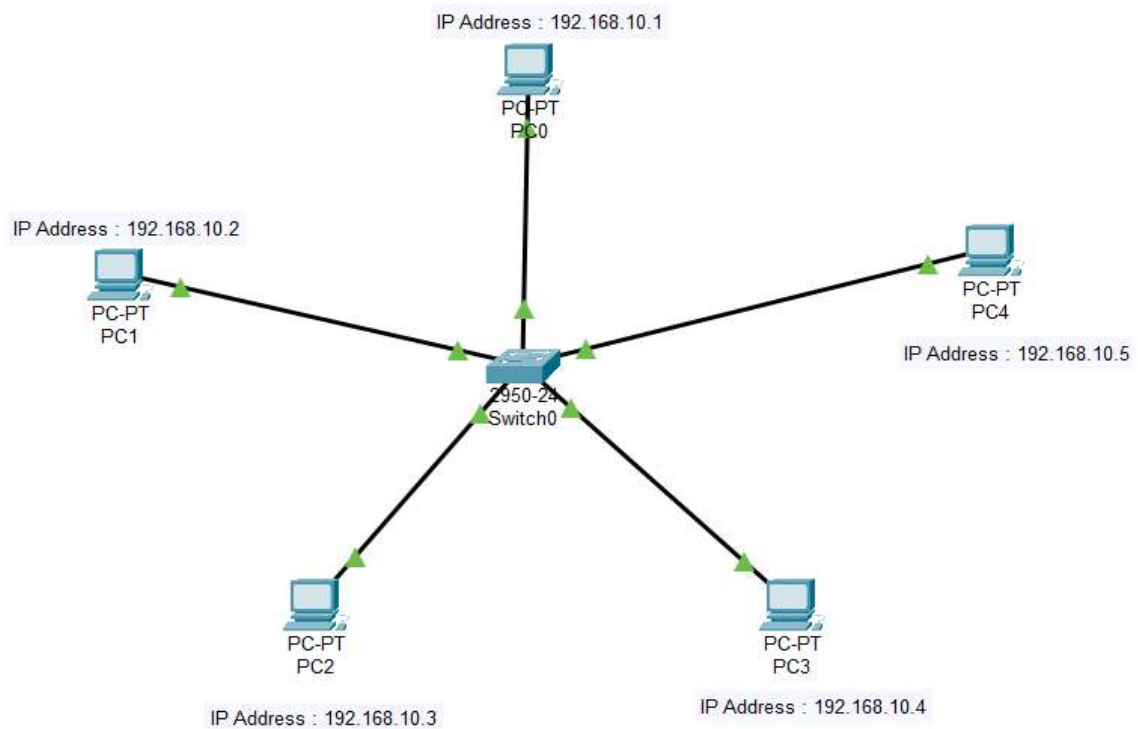


Four PCs have been connected using four switches (2950-24) in the form of Bus Topology. The IP Addresses have been set.

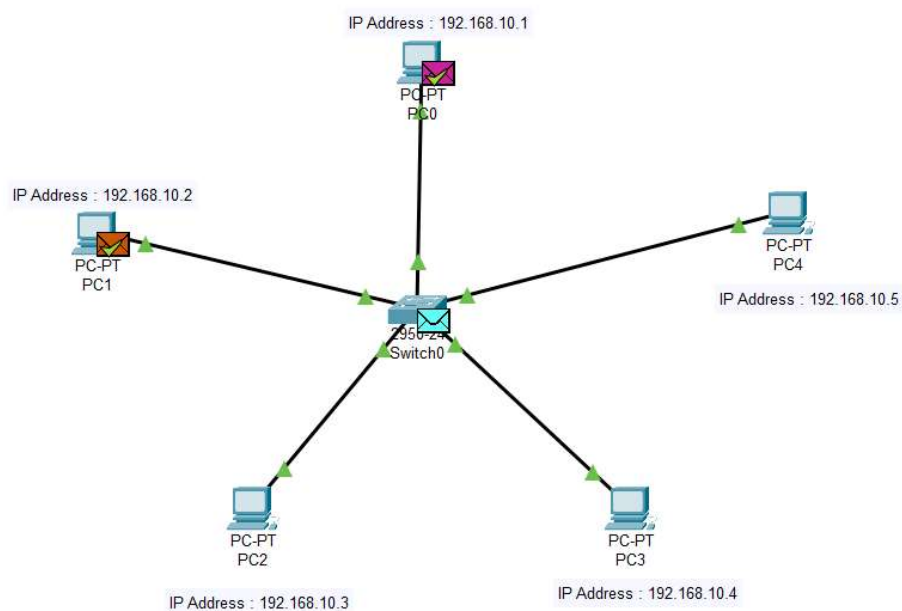
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC3	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC1	PC3	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC0	PC2	ICMP		0.000	N	2	(edit)	(delete)

Successful Verification of Simulation.

Star Topology:



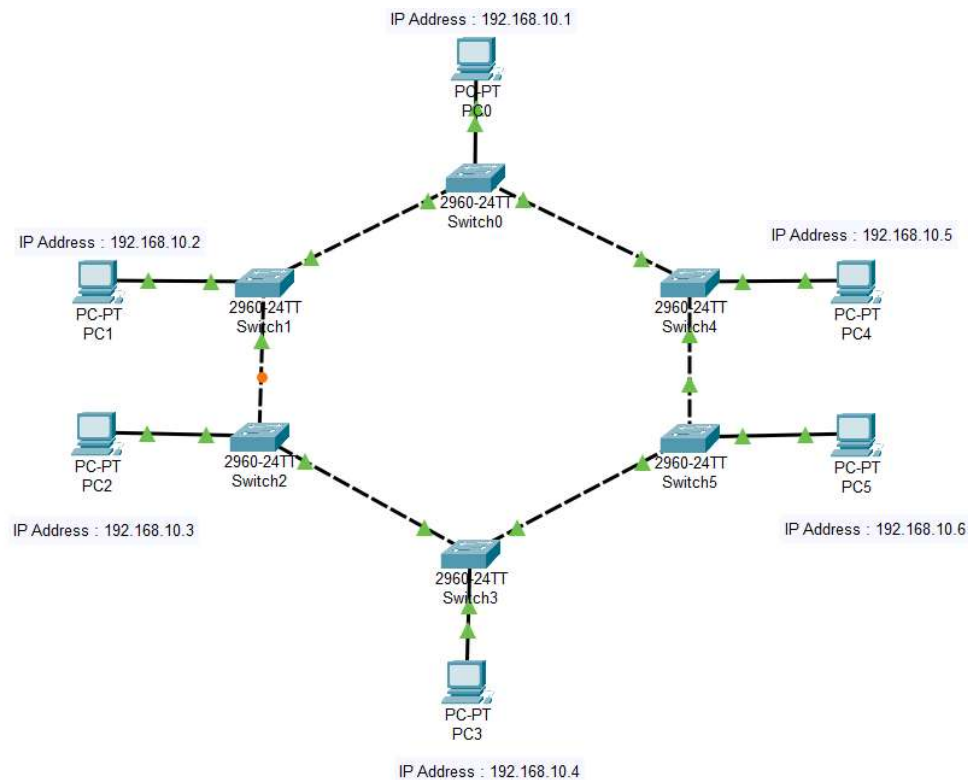
Five PCs have been connected using one switch (2950-24) in Star Topology.



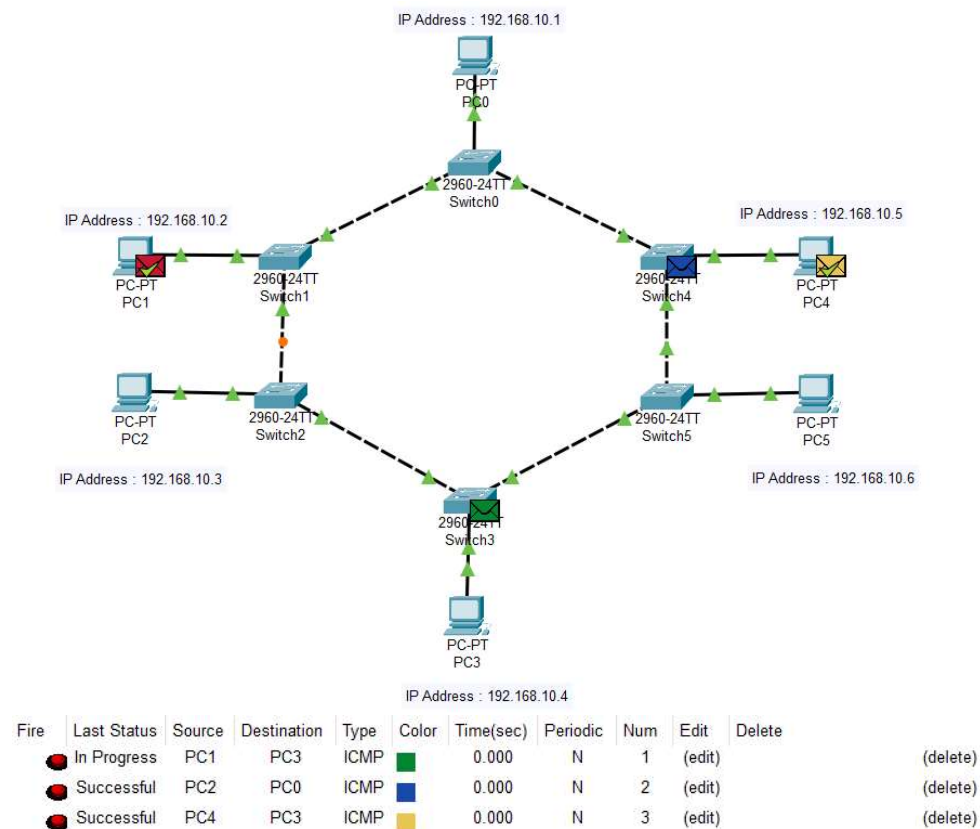
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC2	ICMP	Blue	0.000	N	0	(edit)	(delete)
	Successful	PC1	PC4	ICMP	Orange	0.000	N	1	(edit)	(delete)
	Successful	PC1	PC3	ICMP	Yellow	0.000	N	2	(edit)	(delete)

Successful Verification of Simulation.

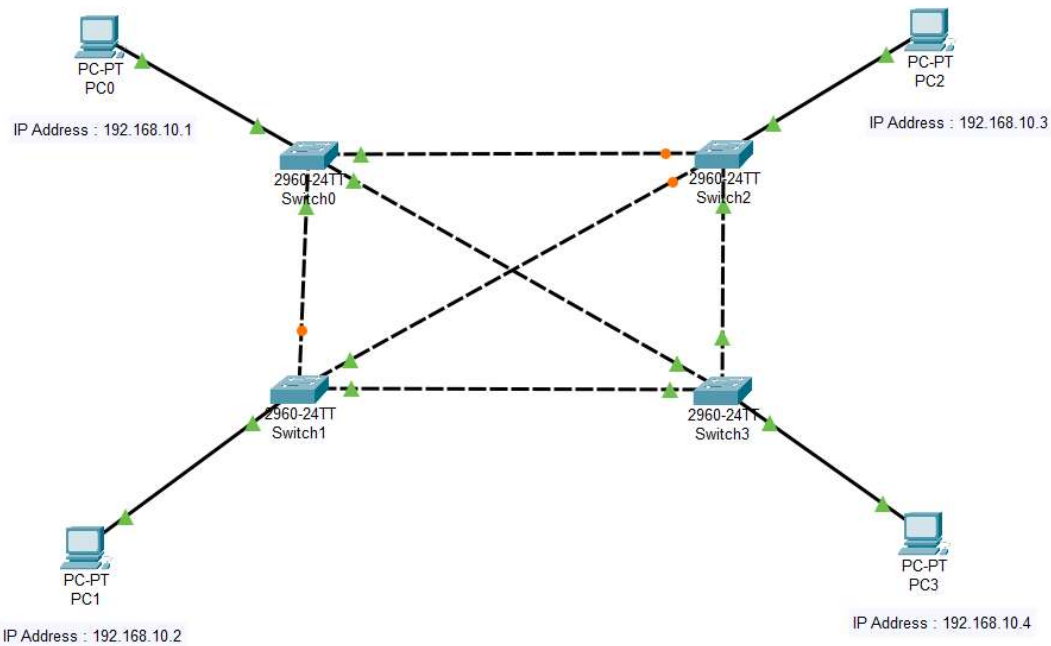
Ring Topology:



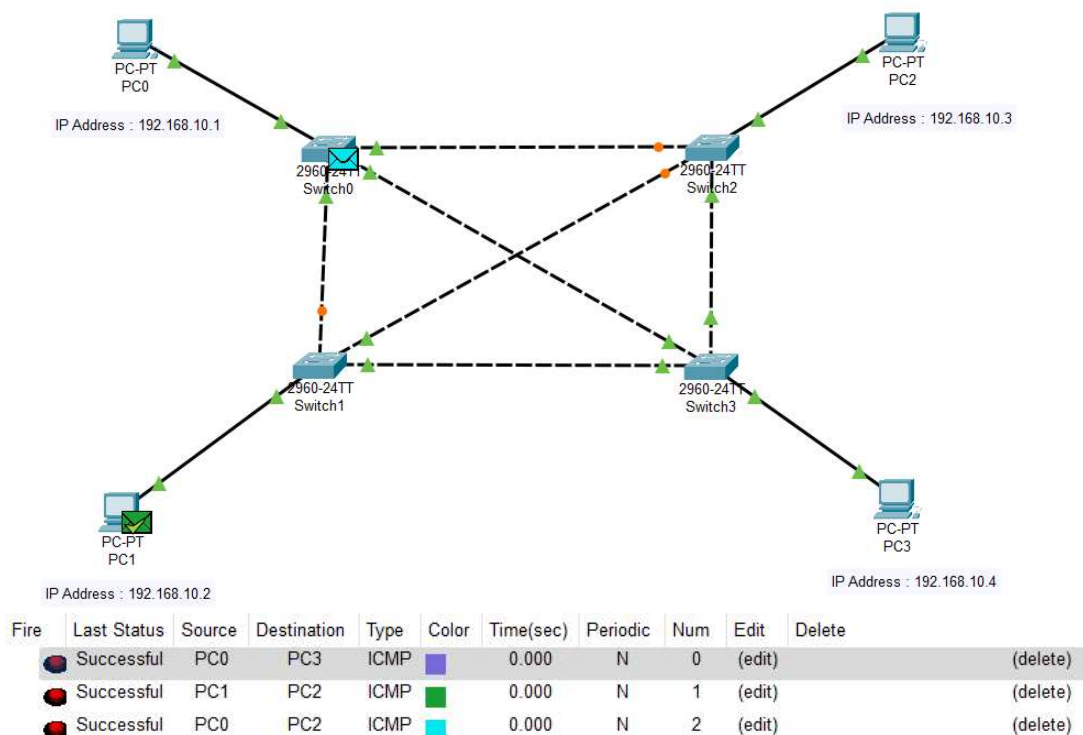
Six PCs have been connected using six switches (2960-24TT) in Ring Topology.



Mesh Topology:

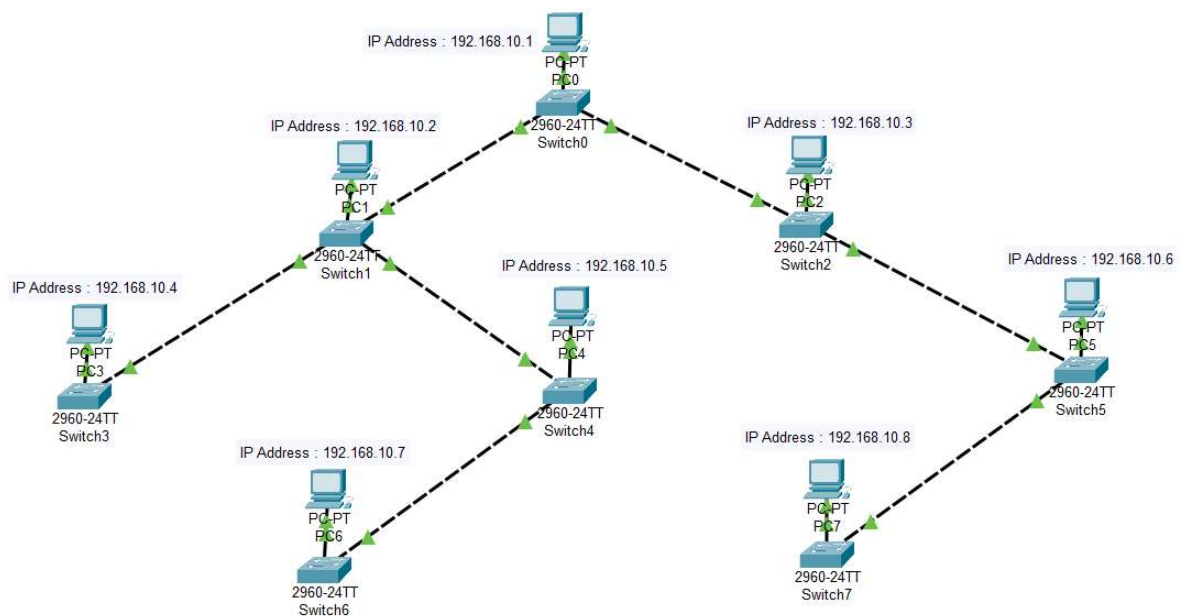


Four PCs have been connected using four switches (2960-24TT) in Mesh Topology.



Successful Verification of Simulation.

Tree Topology:

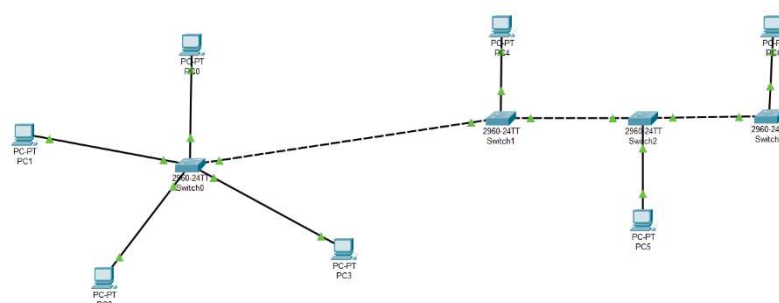


Eight PCs have been connected with Eight Switches (2960-24TT) in Tree Topology and have been designated their IP Addresses.

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC3	PC4	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC6	PC1	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC0	PC7	ICMP		0.000	N	2	(edit)	(delete)
	Successful	PC2	PC4	ICMP		0.000	N	3	(edit)	(delete)
	Successful	PC5	PC3	ICMP		0.000	N	4	(edit)	(delete)

Successful Verification of Simulation.

Hybrid Models is also possible:



Combination of Star and Bus Topologies.

-----Thank you-----