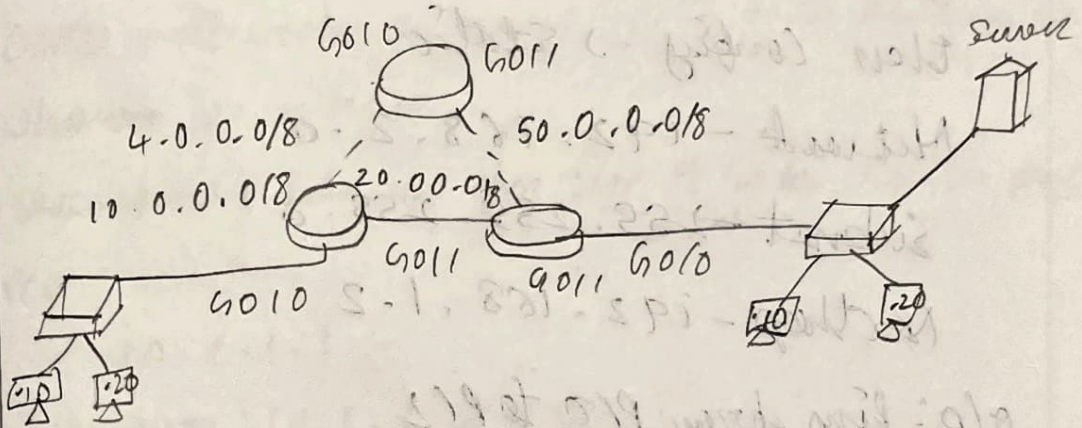


Experiment - C1a

Aim:

a) Simulate static Routing configuration using Cisco packet tracer.



Adding Routes:

ip route 30.0.0.0 255.0.0.0 20.0.0.210
ip route 30.0.0.0 255.0.0.0 40.0.0.2.20

Router	Available cloud	Network on other routers
Router 0	10.0.0.0/8, 20.0.0.0/8, 40.0.0.0/8	30.0.0.0/8, 50.0.0.0/8
Router 1	20.0.0.0/8, 30.0.0.0/8, 50.0.0.0/8	10.0.0.0/8, 40.0.0.0/8
Router 2	40.0.0.0/8, 50.0.0.0/8	10.0.0.0/8, 20.0.0.0/8, 30.0.0.0/8

3. Now click on route 0

then config → static

Network - 192.168.3.0

Subnet - 255.255.255.0

Next hop - 192.168.1.4

4) Now click on Router 1

then Config -> Static

Network - 192.168.2.0

Subnet - 255.255.255.0

Next hop - 192.168.1.2

o/p: Ping from PC0 to PC2

Time	Time (sec)	Last Device
0.000		
0.001		PC0
0.002		Switch 0
0.003		Router 0
0.004		Router 1
0.005		Switch 1
0.006		PC2
0.007		Switch 1
0.008		Router 1
0.009		Router 0
0.010		Switch 0

Event	Last status	source	destination	type	color	Time (sec)	Period
	Successful	PC0	PC2	ICMP		0.000	N

Result:

When static routing configuration has been successfully done & executed.