Exp. 11a

Static Routing Configuration

Aim

To Simulate Static routing configuration using Cisco packet traces

Procedure

1) Arrange PC & Router in the manner as the image below

2) Assign IP address for router and PCs

Router 0 [2811]

→ IP FA0/0 — 192.165.1.2

FA0/1 — 192.168.2.3

Router 1 2811

→ IP FA0/0 — 192.168.1.4

Gate: FA0/1 — 192.168.3.3

PC0

IP. 192.168.2.7

gateway 192.168.3.3

PC1

IP 192.168.2.3

default

PC3

IP — 192.168.3.7

3) Now click on router 0

then config ⇒ Static

Network   192.168.3.0

Subnet - 255.205.255.0

next hop   192.168.1.4

4) Now click on Router 1
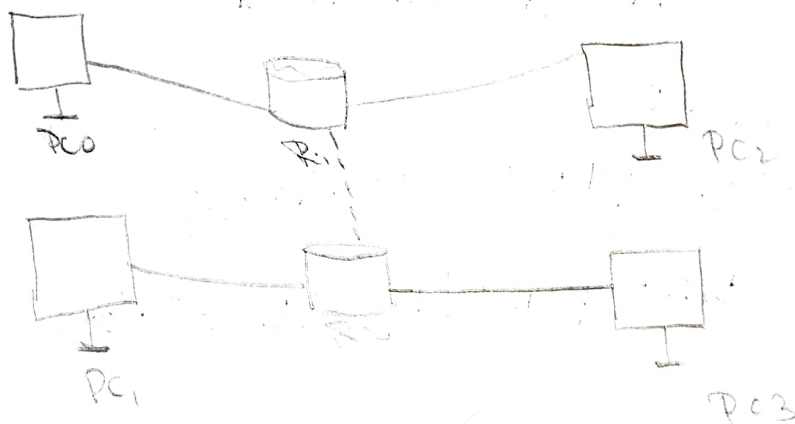
then config ⇒ Static

Network - 192.168.20

Subnet - 255.255.255.0

Nexthop - 192.168.1.2

Diagram

Output

Ping from PC0 to PC2

via	Time (sec)	Last device
	0.000	--
	0.001	
	0.002	PC0
	0.003	Switch0
	0.005	Router0
	0.006	Router1
	0.007	Router2
	0.008	PC2
	0.009	Switch1
	0.009	Router0
	0.010	Switch0

Fire	Last Status	Source	destination	type	color	type	tes
9.	Successful	PC0	PC2	ICMP	■	0.000	N
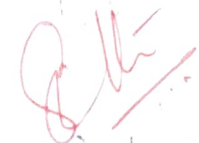
Result

Thus static routing configuration has bee
successfully run & executed