

CC Model Practical

Name: Rahul Gred

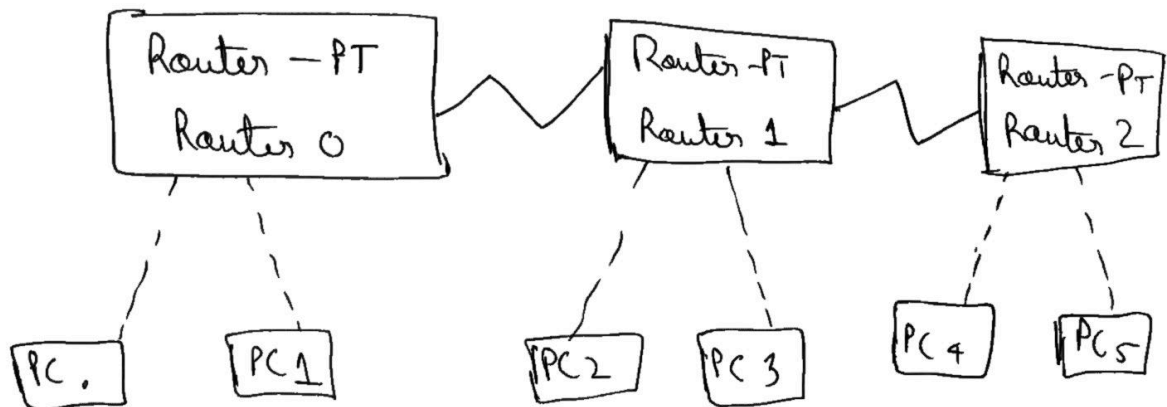
Reg No: RA1911030010094

Batch: CSE-02.

Aim: To configure a network of 6 PCs using 3 routers using BGP.

Procedure:

(1) Connect the routers and the PCs as per the diagram given below.



(vi) Go to router 1 → fast ethernet 0/0 & assign

IP address : 192.168.3.1

Subnet Mask : 255.255.255.0.

(vii) Go to router 0 & enter the following

CLI commands

→ exit

→ router BGP 100

→ network 192.168.2.0

→ network 192.168.3.0

↙ network 192.168.1.2 remote - as 100

→ neighbor 192.168.1.2 remote - as 100

→ exit

(ix) Go to PC0 & then command prompt

and enter

* Ping 192.168.3.2.

(ii) Assign the IP address to the PCs as follow

PC₀

IP address : 192.168.1.2

Subnet mask : 255.255.255.0

Default gateway : 192.168.1.1

PC₁

IP address : 192.168.3.2

Subnet mask : 255.255.255.0

Default gateway : 192.168.3.1

(iii) Go to router 0 → serial 0/2/0 & assign

IP address : 192.168.2.2

Subnet Mask : 255.255.255.0

(iv) Go to router 1 → serial 0/2/0 & assign

IP address : 192.168.2.3

Subnet Mask : 255.255.255.0

(v) Go to router 0 → fast ethernet 0/0 & assign

IP address : 192.168.1.1

Subnet Mask : 255.255.255.0

