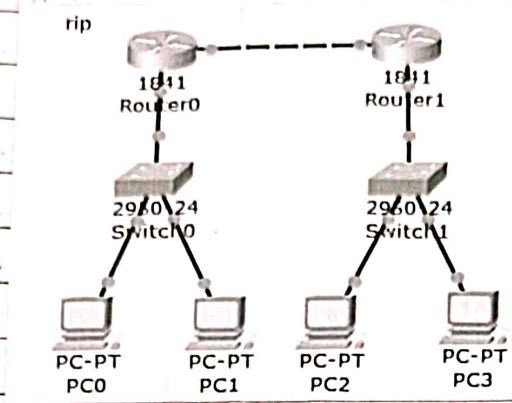


PRACTICAL NO. 5

Aim:- Configure IP with RIP routing.



Step 1:- Configure PC0.

click on PC0 → go to Desktop → IP Configuration and fill the data IP Address - 10.0.0.2, Subnet mask - 255.0.0.0, default Gateway - 10.0.0.1.

After entering the detail close the window.

Step 2:- Configure PC1.

click on PC1 → go to desktop → IP Configuration and fill the data IP Address - 10.0.0.3, Subnet mask - 255.0.0.0, default Gateway - 10.0.0.1.

After entering the detail, close the window.

Step 3:- Configure PC2.

click on PC2 → go to desktop → IP Configuration and fill the data IP address - 30.0.0.2, Subnet mask - 255.0.0.0, Default Gateway - 30.0.0.1.

After entering the detail, close the window.

Step 4:- Configure PC3.

click on PC3 → go to desktop → IP Configuration and fill the data IP Address - 30.0.0.3, Subnet mask - 255.0.0.0,

Default gateway - 30.0.0.1. After entering the detail, close the window.

Step 5:- Configure Router 0

a) click on Router 0 → go to Config tab → click on fast ethernet 0/0 and fill the values IP Address - 10.0.0.1,
Subnet mask - 255.0.0.0

(Do not forget to select the check box port status).

b) click on Router 0 → go to Config tab → click on fast Ethernet 0/1 and fill the values IP address - 20.0.0.1,
Subnet mask - 255.0.0.0

(Do not forget to select the check box port status).

Step 6:- Configure Router 1

a) click on Router 1 - go to Config tab → click on fast Ethernet 0/0 and fill the values IP Address - 30.0.0.1,
Subnet mask - 255.0.0.0

(Do not forget to select the check box port status).

b) click on Router 1 → go to Config tab → click on fast Ethernet 0/1 and fill the values IP Address - 20.0.0.2,
Subnet mask - 255.0.0.0

(Do not forget to select the check box port status).

Step 7:- Configure Router 0 using RIP

click on Router 0 → go to Config tab → click on RIP and then enter the values Network - 10.0.0.0, **ADD**
Network - 20.0.0.0 **ADD** (click on Add button both the time).

Step 8:- Configure Router 1 using RIP

click on Router 1 → go to Config tab → click on RIP and then enter the values Network - 20.0.0.0, **ADD**
Network - 30.0.0.0 **ADD** (click on add button both the time).