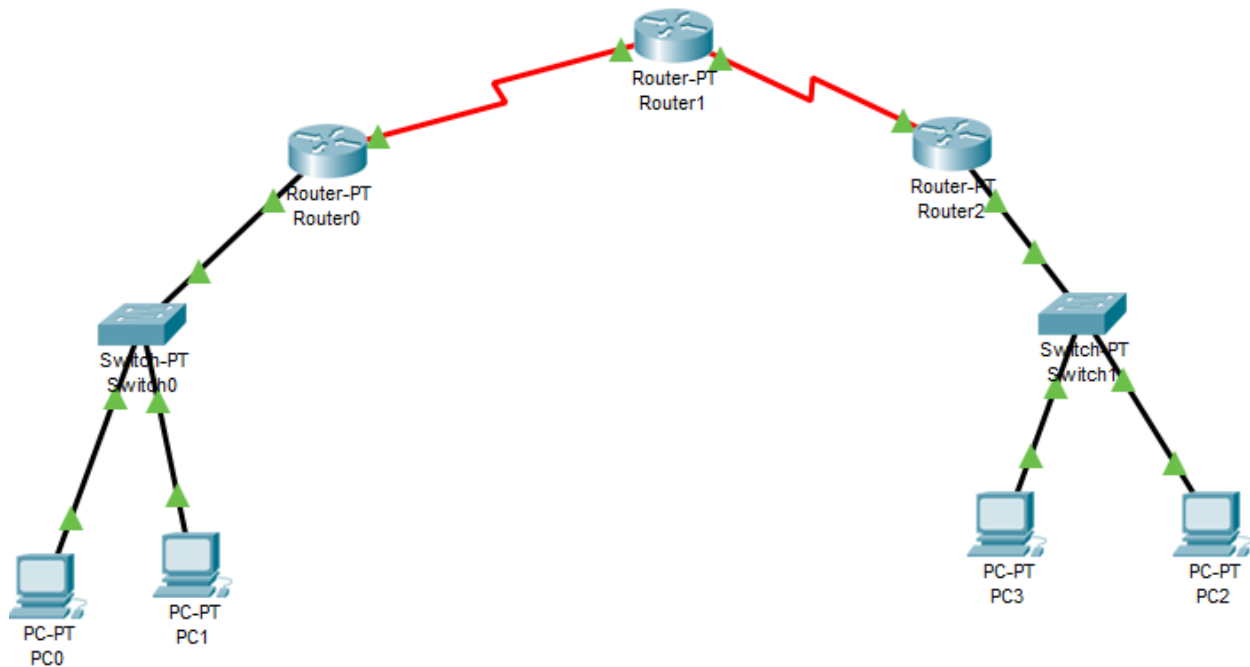


Configuring default route to Routers



1. Gateway and IP addresses are set to PC0, PC1, PC2 and PC3.
2. The Router0 is configured so that indirect link to Router2 and Switch1 is established.
3. Similarly, Router1 and Router2 are configured to establish indirect links to Switch0, Switch1 and Switch0, Router0.
4. Also, these routers are configured using default routing technique.

Command (R1):

```
Router(config if) #ip route 0.0.0.0 255.0.0.0 20.0.0.2
```

5. Now, ping the receiver's (PC0) IP address in sender's (PC1) Terminal to send a message packet of 32 bytes.

Command(PC1): ping 40.0.0.10

6. The transmission rate is 75% when pinged initially. Next time when pinged, the transmission rate will be 100% if the routers are correctly configured.