

LAB-2

Naman Agarwal
18M18CS057

1/10/2020

Q How to configure a router.

CDP: → works at layer-2 but all our devices here (Router) work at layer-3.

That's why CDP is unchecked.
(Simulation → Edit Filters)

Continue with configuration dialog [yes/no]: n.

Press Return to get started.

Router > enable

Router # config t

Enter configuration commands, one per line. End with CNTL/Z.

Router (config) # interface FastEthernet 0/0

Router (config-if) #

ip address 10.0.0.1

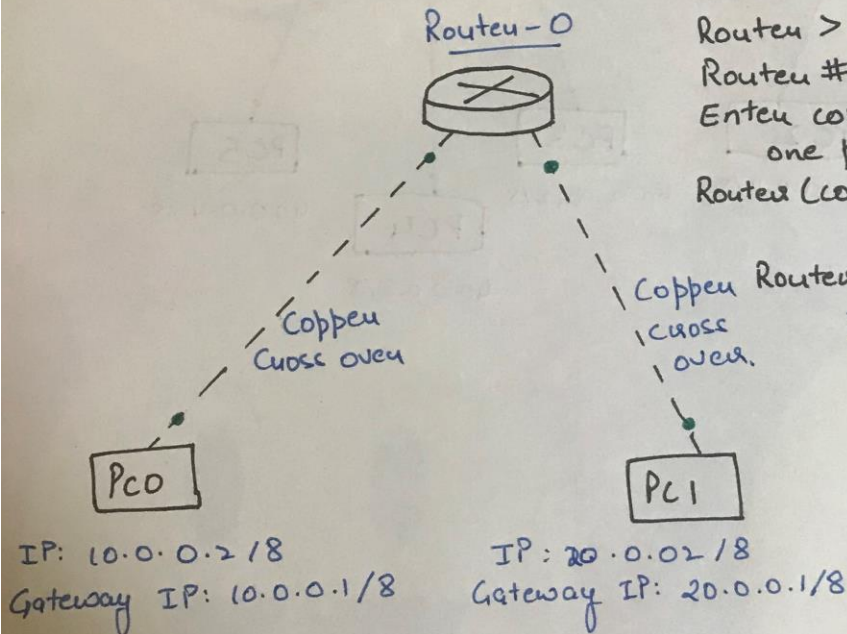
(Gateway)

255.0.0.0

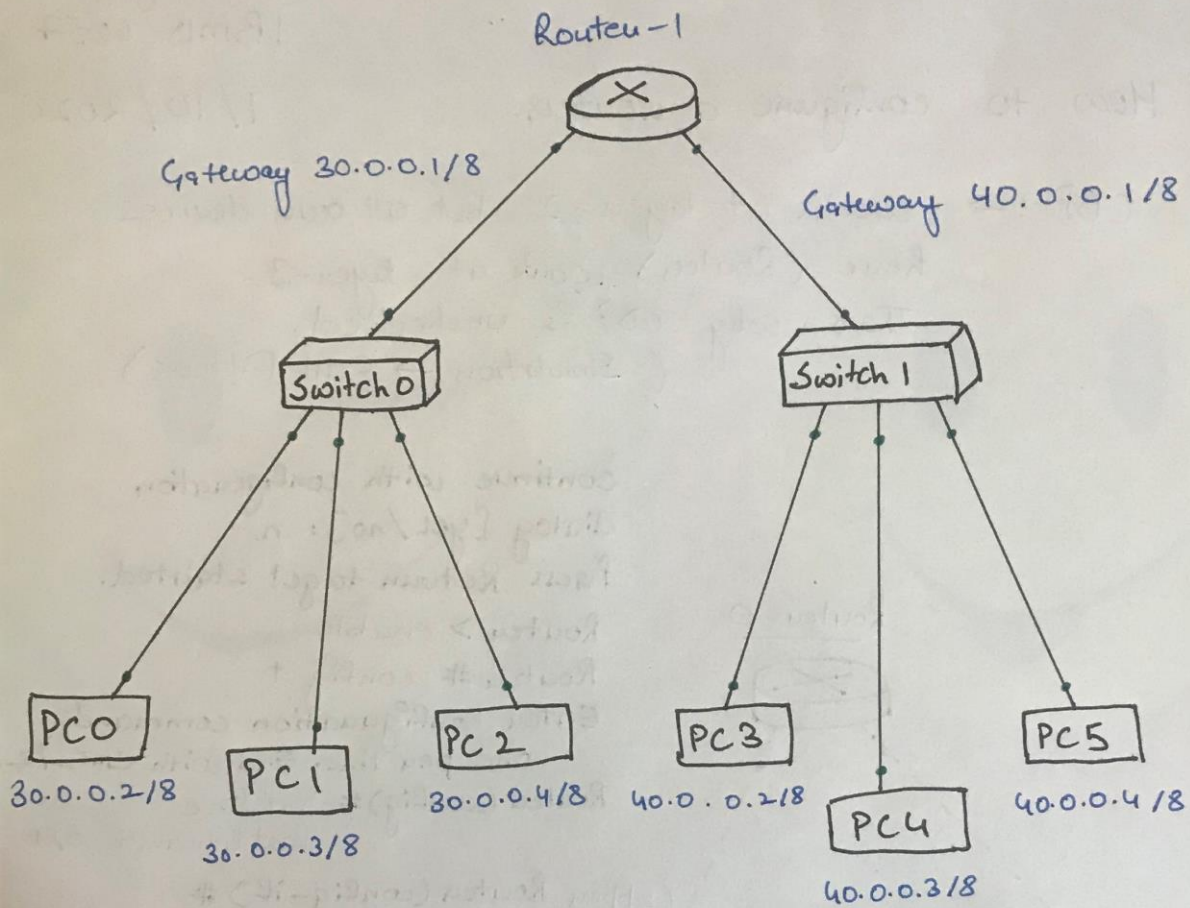
(Subnet mask)

Router (config-if) #

no shut.



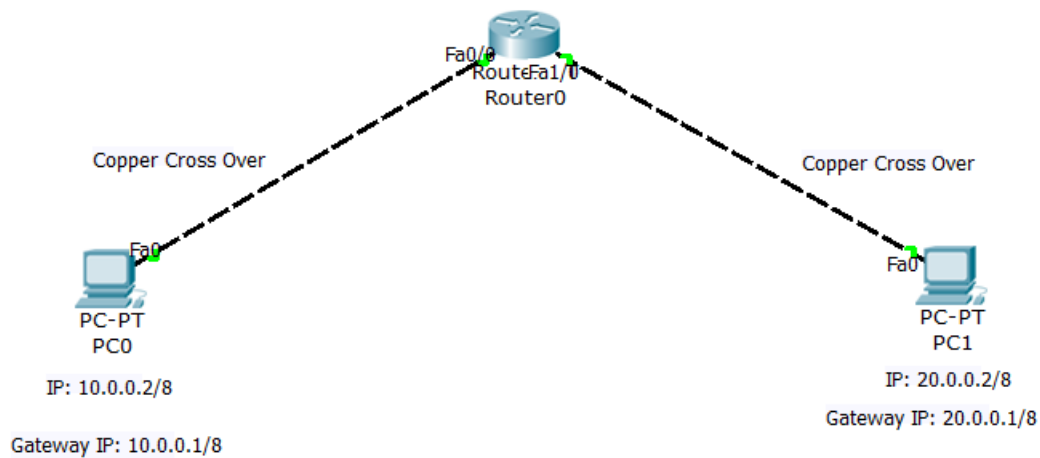
A. Agarwal



A. Agarwal


How to configure a router ?

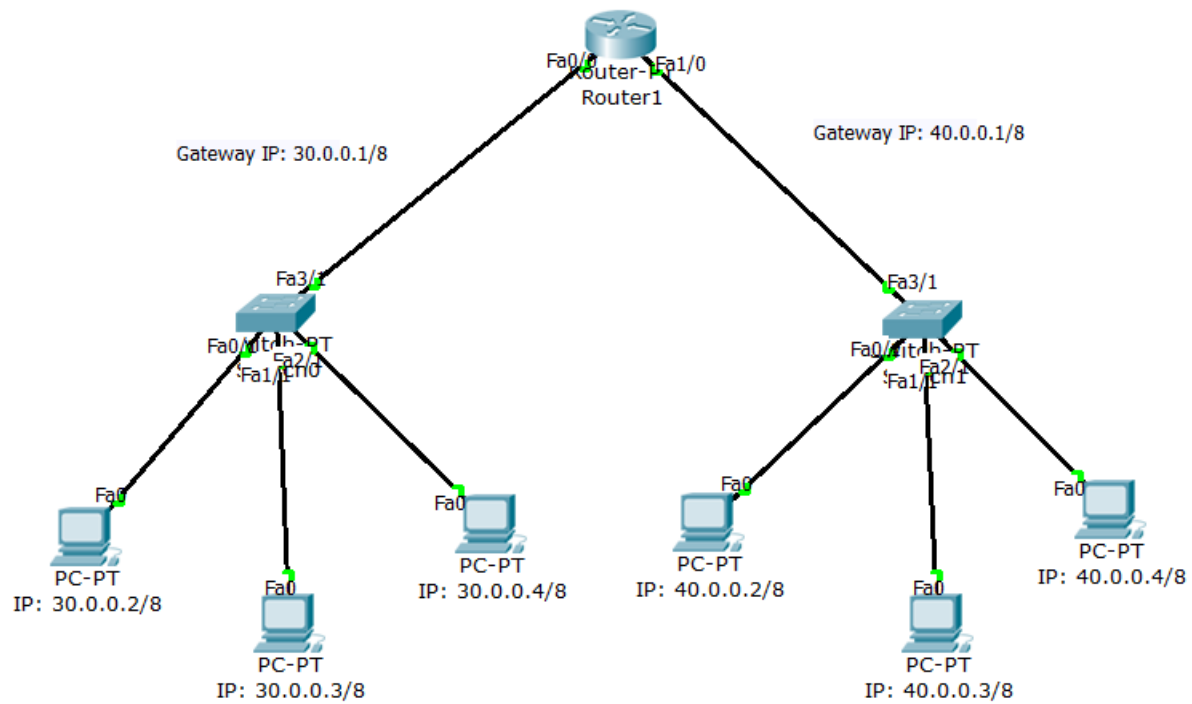
```
Continue with configuration dialog? [yes/no]: n
Press RETURN to get started!
Router>enable
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface fastEthernet 0/0
Router(config-if)#ip address 10.0.0.1 (GATEWAY) 255.0.0.0(SUBNET MASK)
Router(config-if)#no shut
```







CDP works at layer -2 and on our screen only layer -3 device is there (no switch).
Thats why we uncheck CDP in Simulation->Edit Filters

| Vis. | Time(se | Last Devi | At Devi | Type | Info |
|------|---------|-----------|---------|-------|------|
| | 0.000 | -- | PC0 | IC... | |
| | 0.001 | PC0 | Router0 | IC... | |
| | 0.002 | Router0 | PC1 | IC... | |
| | 0.003 | PC1 | Router0 | IC... | |
| | 0.004 | Router0 | PC0 | IC... | |

| Fire | Last Status | Source | De |
|---|-------------|--------|----|
|  | Successful | PC0 | PC |



| Fire | Last Status | Source | Destination | Type | Color | Time (sec) | Periodic | Num | Edit | Delete |
|---|-------------|----------------|----------------|------|---|------------|----------|-----|--------|----------|
|  | Successful | PC0 | PC1 | ICMP |  | 0.000 | N | 0 | (edit) | (delete) |
|  | Successful | IP: 30.0.0.2/8 | IP: 40.0.0.2/8 | ICMP |  | 0.000 | N | 1 | (edit) | (delete) |