

## Lab 6

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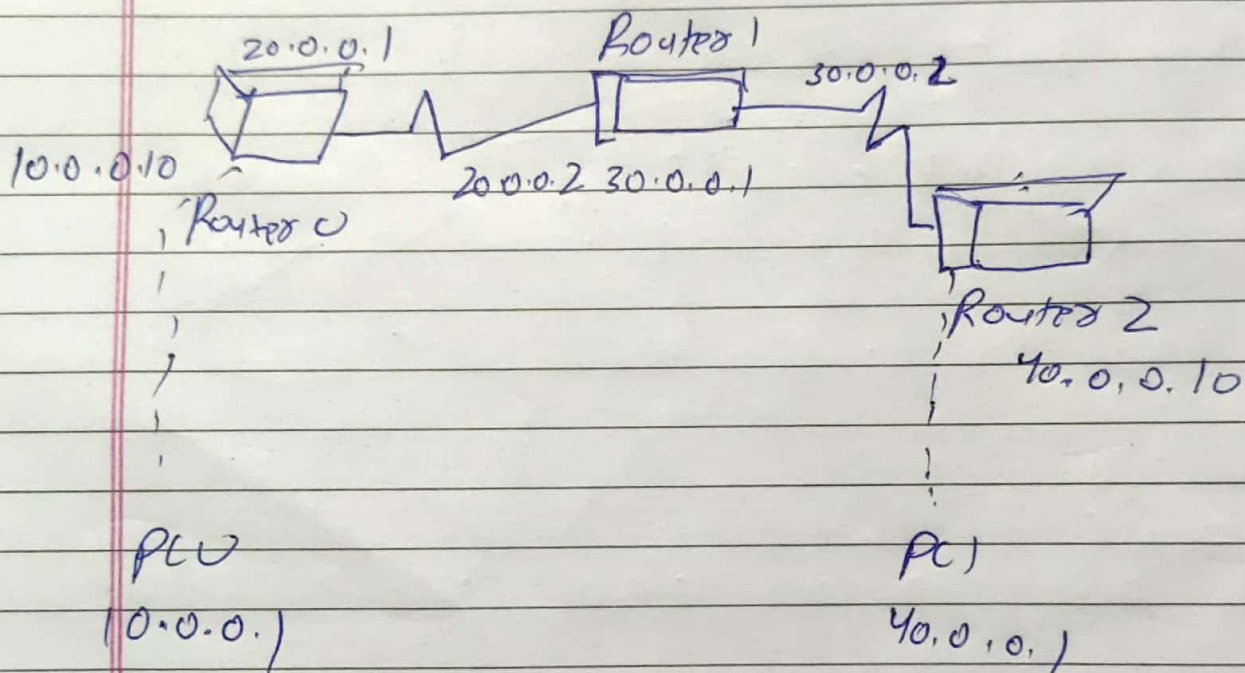
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- ~~DNS Server Configuration~~
- Configuring RIP routing protocol on 204 labs

### Topology



### Procedure

- Create topology as shown in diagram
- Configure ip address for all PC & routers
- Configure RIP to all routers
- Check routing for all routers (by hovering mouse)
- Ping 40.0.0.1 from 10.0.0.1

## Observation

21 Ping is received

CLI

⇒ Router 0 (config) # interface FastEthernet 0/0

(config-if) # ip address 10.0.0.10 255.0.0.0  
# no shut  
# exit

~~for~~ other

# interface serial 2/0  
# ip address 20.0.0.1 255.0.0.0  
# encapsulation ppp  
# clock rate 64000 (do this where there is  
clock sign)

# no shut

# exit

# router 0

(config-router) # network 10.0.0.0

# network 20.0.0.0

# exit

from PC0: ping 40.0.0.1

Reply from 40.0.0.1: Byte 32 time 2ms

TTL=125