

CLIKommardy!

# Denable

- 2) config &
- 3) interface fthstellernet 010
- 4) ip address 10.0.0.10 255.0.0.0
- s) ip noute 0.0.0.0 0.0.0.0 20.0.0.2
- 6) show op nowe
- 7) no shut

# observation!

- i) The packets from sender to recieves is passed Amongh Ronter in between.
- 2) Even though we didn't set the montes specifically, the default nowten allocated for fending date

Blukert

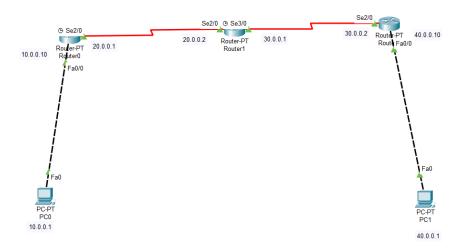
#### **SCREEN SHOTS:**

```
Router>enable
Router#congif t
% Invalid input detected at '^' marker.
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config) #ip route 0.0.0.0 0.0.0.0 20.0.0.2
Router (config) #exit
Router#
%SYS-5-CONFIG I: Configured from console by console
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
        D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
         * - candidate default, U - per-user static route, o - ODR P - periodic downloaded static route
Gateway of last resort is 20.0.0.2 to network 0.0.0.0
      10.0.0.0/8 is directly connected, FastEthernet0/0
      20.0.0.0/8 is directly connected, Serial2/0
     0.0.0.0/0 [1/0] via 20.0.0.2
Router#
```

Ctrl+F6 to exit CLI focus

```
Router(config-if)#
Router(config-if) #ip route 0.0.0.0 0.0.0.0 30.0.0.1
Router (config) #exit
Router#
%SYS-5-CONFIG I: Configured from console by console
show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
      E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route
Gateway of last resort is 30.0.0.1 to network 0.0.0.0
    30.0.0.0/8 is directly connected, Serial2/0
    40.0.0.0/8 is directly connected, FastEthernet0/0
C
   0.0.0.0/0 [1/0] via 30.0.0.1
S*
Router#
```

## TOPOLOGY:



```
Router(config-if)#
Router(config-if) #ip route 0.0.0.0 0.0.0.0 30.0.0.1
Router (config) #exit
Router#
SYS-5-CONFIG_I: Configured from console by console
show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
        ^{\star} - candidate default, U - per-user static route, o - ODR
        P - periodic downloaded static route
Gateway of last resort is 30.0.0.1 to network 0.0.0.0
      30.0.0.0/8 is directly connected, Serial2/0
     40.0.0.0/8 is directly connected, FastEthernet0/0
С
S*
     0.0.0.0/0 [1/0] via 30.0.0.1
Router#
```

## **RESULT:**

