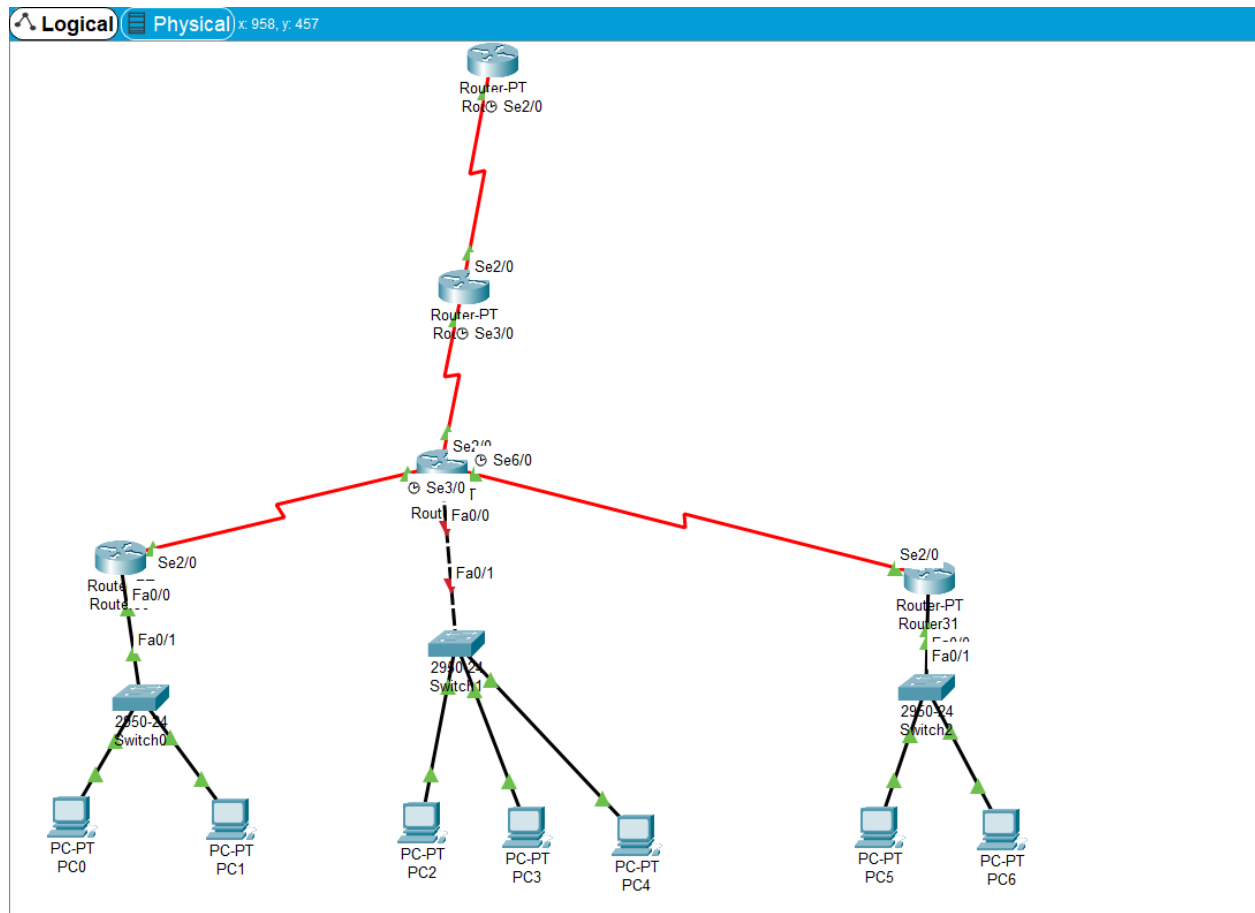


IP ADDRESS: 162.10.26.0



Tables

Campus:

Se2/0	200.150.100.1	255.255.255.252
Se3/0	162.10.33.65	255.255.255.252

Dept-1:

Network Address: 162.10.26.0

Broadcast Address: 162.10.29.255

Se2/0	162.10.33.70	255.255.255.252
Fa0/0	162.10.26.1	255.255.252.0
Sw-int2 range	162.10.26.11-162.10.28.10	255.255.252.0

Dept-2:

Network1 Address: 162.10.30.0 Broadcast Address: 162.10.30.255

Network2 Address: 162.10.31.0 Broadcast Address: 162.10.31.255

Network3 Address: 162.10.32.0 Broadcast Address: 162.10.32.255

Se2/0	162.10.33.66	255.255.255.252
Se3/0	162.10.33.69	255.255.255.252
Se6/0	162.10.33.73	255.255.255.252
Fa0/0	162.10.30.1	255.255.255.0
Sw-int2 range (VLAN 10)	162.10.30.2-162.10.30.251	255.255.255.0
Sw-int3 range (VLAN 20)	162.10.31.1-162.10.31.250	255.255.255.0
Sw-int4 range (VLAN 30)	162.10.32.1-162.10.33.250	255.255.255.0

Dept-3:

Network Address: 162.10.33.0 Broadcast Address: 162.10.33.63

Se2/0	162.10.33.74	255.255.255.252
Fa0/0	162.10.33.1	255.255.255.192
Sw-int2 range	162.10.33.3-162.10.33.62	255.255.255.192

ISP

Routing Table:

```
ISP#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 not set

    200.150.100.0/30 is subnetted, 1 subnets
C       200.150.100.0 is directly connected, Serial2/0
```

Interface Summary:

```
ISP#show ip int brief
Interface      IP-Address      OK? Method Status
Protocol
FastEthernet0/0 unassigned      YES unset
administratively down down
FastEthernet1/0 unassigned      YES unset
administratively down down
Serial2/0      200.150.100.2  YES manual up
up
Serial3/0      unassigned      YES unset
administratively down down
FastEthernet4/0 unassigned      YES unset
administratively down down
FastEthernet5/0 unassigned      YES unset
administratively down down
```

CAMPUS

IP Route:

```
CAMPUS#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 not set

    162.10.0.0/16 is variably subnetted, 5 subnets, 3 masks
O       162.10.24.0/22 [110/129] via 162.10.33.66, 00:43:30, Serial3/0
O       162.10.33.0/26 [110/129] via 162.10.33.66, 00:43:30, Serial3/0
C       162.10.33.64/30 is directly connected, Serial3/0
O       162.10.33.68/30 [110/128] via 162.10.33.66, 00:43:40, Serial3/0
O       162.10.33.72/30 [110/128] via 162.10.33.66, 00:43:40, Serial3/0
    200.150.100.0/30 is subnetted, 1 subnets
C       200.150.100.0 is directly connected, Serial2/0
```

Interface Summary:

```
CAMPUS#show ip int brief
Interface      IP-Address      OK? Method Status                Protocol
FastEthernet0/0 unassigned      YES unset  administratively down down
FastEthernet1/0 unassigned      YES unset  administratively down down
Serial2/0      200.150.100.1  YES manual up                    up
Serial3/0      162.10.33.65   YES manual up                    up
FastEthernet4/0 unassigned      YES unset  administratively down down
FastEthernet5/0 unassigned      YES unset  administratively down down
```

DEPT2

IP Route:

```
DEPT2#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 not set

    162.10.0.0/16 is variably subnetted, 5 subnets, 3 masks
O       162.10.24.0/22 [110/65] via 162.10.33.70, 00:51:57, Serial3/0
O       162.10.33.0/26 [110/65] via 162.10.33.74, 00:51:57, Serial6/0
C       162.10.33.64/30 is directly connected, Serial2/0
C       162.10.33.68/30 is directly connected, Serial3/0
C       162.10.33.72/30 is directly connected, Serial6/0
```

IP Interface Summary:

```
DEPT2#show ip int brief
Interface      IP-Address      OK? Method Status                Protocol
FastEthernet0/0 162.10.30.1     YES manual up                    down
FastEthernet1/0 unassigned      YES unset  administratively down down
Serial2/0      162.10.33.66   YES manual up                    up
Serial3/0      162.10.33.69   YES manual up                    up
FastEthernet4/0 unassigned      YES unset  administratively down down
FastEthernet5/0 unassigned      YES unset  administratively down down
Serial6/0      162.10.33.73   YES manual up                    up
```

DEPT1

IP Route:

```
DEPT1#sh 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 not set

```
        162.10.0.0/16 is variably subnetted, 5 subnets, 3 masks
C       162.10.24.0/22 is directly connected, FastEthernet0/0
O       162.10.33.0/26 [110/129] via 162.10.33.69, 00:54:55, Serial2/0
O       162.10.33.64/30 [110/128] via 162.10.33.69, 00:54:55, Serial2/0
C       162.10.33.68/30 is directly connected, Serial2/0
O       162.10.33.72/30 [110/128] via 162.10.33.69, 00:54:55, Serial2/0
```

IP interface summary:

```
DEPT1#show ip int brief
Interface      IP-Address      OK? Method Status        Protocol
FastEthernet0/0 162.10.26.1     YES manual up            up
FastEthernet1/0 unassigned      YES unset  administratively down down
Serial2/0       162.10.33.70    YES manual up            up
Serial3/0       unassigned      YES unset  administratively down down
FastEthernet4/0 unassigned      YES unset  administratively down down
FastEthernet5/0 unassigned      YES unset  administratively down down
```

DEPT 3

IP Route:

```
DEPT3#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 not set

```
        162.10.0.0/16 is variably subnetted, 5 subnets, 3 masks
O       162.10.24.0/22 [110/129] via 162.10.33.73, 00:56:36, Serial2/0
C       162.10.33.0/26 is directly connected, FastEthernet0/0
O       162.10.33.64/30 [110/128] via 162.10.33.73, 00:56:36, Serial2/0
O       162.10.33.68/30 [110/128] via 162.10.33.73, 00:56:36, Serial2/0
C       162.10.33.72/30 is directly connected, Serial2/0
```

IP interface summary:

```
DEPT3#show ip int brief
Interface      IP-Address      OK? Method Status        Protocol
FastEthernet0/0 162.10.33.1     YES manual up            up
FastEthernet1/0 unassigned      YES unset  administratively down down
Serial2/0       162.10.33.74    YES manual up            up
Serial3/0       unassigned      YES unset  administratively down down
FastEthernet4/0 unassigned      YES unset  administratively down down
FastEthernet5/0 unassigned      YES unset  administratively down down
```