

[PC8>

[PC8>

[PC8>

[PC8>

[PC8> show ip

```
NAME           : PC8[1]
IP/MASK         : 10.0.40.33/24
GATEWAY        : 10.0.40.1
DNS            :
MAC            : 00:50:79:66:68:07
LPORT          : 10014
RHOST:PORT     : 127.0.0.1:10015
MTU            : 1500
```

[PC8> ping 10.0.30.11

```
84 bytes from 10.0.30.11 icmp_seq=1 ttl=63 time=27.488 ms
84 bytes from 10.0.30.11 icmp_seq=2 ttl=63 time=18.097 ms
84 bytes from 10.0.30.11 icmp_seq=3 ttl=63 time=25.741 ms
84 bytes from 10.0.30.11 icmp_seq=4 ttl=63 time=28.177 ms
84 bytes from 10.0.30.11 icmp_seq=5 ttl=63 time=19.016 ms
```

PC8> █

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PC8> show ip

```
NAME           : PC8[1]
IP/MASK         : 10.0.40.33/24
GATEWAY        : 10.0.40.1
DNS            :
MAC            : 00:50:79:66:68:07
LPORT          : 10014
RHOST:PORT     : 127.0.0.1:10015
MTU            : 1500
```

PC8> ping 10.0.10.22

```
84 bytes from 10.0.10.22 icmp_seq=1 ttl=60 time=75.814 ms
84 bytes from 10.0.10.22 icmp_seq=2 ttl=60 time=78.184 ms
84 bytes from 10.0.10.22 icmp_seq=3 ttl=60 time=68.006 ms
84 bytes from 10.0.10.22 icmp_seq=4 ttl=60 time=66.204 ms
84 bytes from 10.0.10.22 icmp_seq=5 ttl=60 time=97.517 ms
```

PC8>

```
[PC8>  
[PC8>  
[PC8>  
[PC8>  
[PC8> show ip
```

```
NAME           : PC8[1]  
IP/MASK         : 10.0.40.33/24  
GATEWAY        : 10.0.40.1  
DNS            :  
MAC            : 00:50:79:66:68:07  
LPORT          : 10014  
RHOST:PORT     : 127.0.0.1:10015  
MTU            : 1500
```

```
[PC8> ping 10.0.20.44
```

```
84 bytes from 10.0.20.44 icmp_seq=1 ttl=60 time=114.241 ms  
84 bytes from 10.0.20.44 icmp_seq=2 ttl=60 time=88.052 ms  
84 bytes from 10.0.20.44 icmp_seq=3 ttl=60 time=78.268 ms  
84 bytes from 10.0.20.44 icmp_seq=4 ttl=60 time=69.828 ms  
84 bytes from 10.0.20.44 icmp_seq=5 ttl=60 time=119.366 ms
```

```
PC8> █
```

Alias(exec) : vl - "show vlan-switch brief" command

Alias(configure): va X - macro to add vlan X

Alias(configure): vd X - macro to delete vlan X

\*\*\*\*\*

ESW10#show ip route

Codes: C - connected, S - static, 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

i - IS-IS, su - IS-IS summary, 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

10.0.0.0/8 is variably subnetted, 5 subnets, 2 masks

C 10.0.10.0/24 is directly connected, Vlan10

C 10.10.10.4/30 is directly connected, FastEthernet0/1

S 10.0.30.0/24 [1/0] via 10.10.10.6

C 10.0.20.0/24 is directly connected, Vlan20

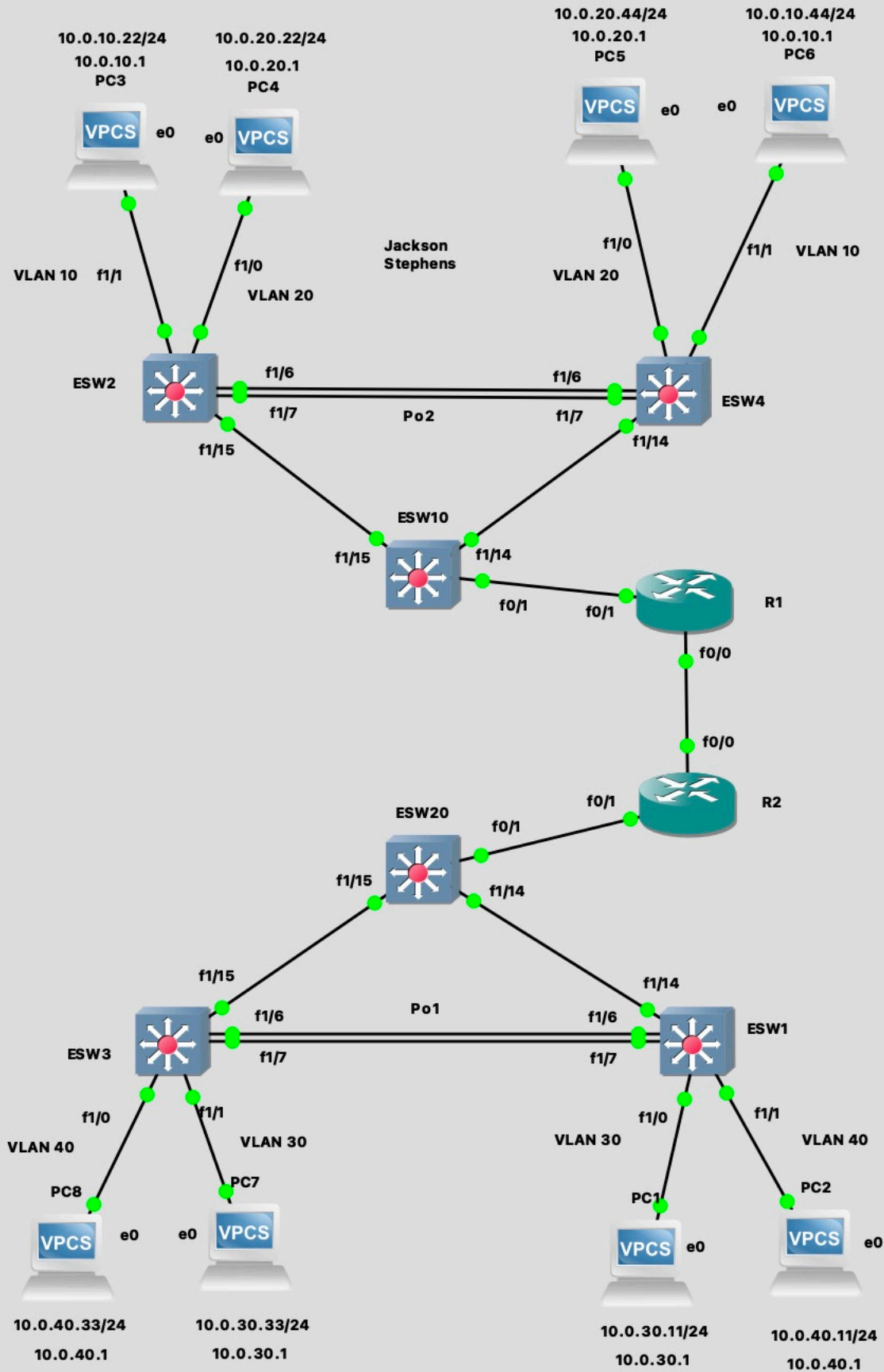
S 10.0.40.0/24 [1/0] via 10.10.10.6

ESW10#

```
ESW20#
ESW20#
ESW20#
ESW20#
ESW20#
ESW20#
ESW20#show ip route
Codes: C - connected, S - static, 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
       i - IS-IS, su - IS-IS summary, 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

    10.0.0.0/8 is variably subnetted, 5 subnets, 2 masks
S       10.0.10.0/24 [1/0] via 10.10.10.10
C       10.10.10.8/30 is directly connected, FastEthernet0/1
C       10.0.30.0/24 is directly connected, Vlan30
S       10.0.20.0/24 [1/0] via 10.10.10.10
C       10.0.40.0/24 is directly connected, Vlan40
ESW20#
```



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\*Mar 1 00:00:23.543: %SNMP-5-COLDSTART: SNMP agent on host R1 is undergoing a cold start

\*Mar 1 00:00:24.127: %CRYPTO-6-ISAKMP\_ON\_OFF: ISAKMP is OFF

R1#show ip route

Codes: C - connected, S - static, 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

i - IS-IS, su - IS-IS summary, 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

10.0.0.0/8 is variably subnetted, 6 subnets, 2 masks

S 10.0.10.0/24 [1/0] via 10.10.10.5

C 10.10.10.0/30 is directly connected, FastEthernet0/0

C 10.10.10.4/30 is directly connected, FastEthernet0/1

S 10.0.30.0/24 [1/0] via 10.10.10.2

S 10.0.20.0/24 [1/0] via 10.10.10.5

S 10.0.40.0/24 [1/0] via 10.10.10.2

R1#



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\*Mar 1 00:00:23.711: %SNMP-5-COLDSTART: SNMP agent on host R2 is undergoing a cold start

[\*Mar 1 00:00:23.891: %CRYPTO-6-ISAKMP\_ON\_OFF: ISAKMP is OFF

R2#show ip route

Codes: C - connected, S - static, 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

i - IS-IS, su - IS-IS summary, 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

10.0.0.0/8 is variably subnetted, 6 subnets, 2 masks

S 10.0.10.0/24 [1/0] via 10.10.10.1

C 10.10.10.8/30 is directly connected, FastEthernet0/1

C 10.10.10.0/30 is directly connected, FastEthernet0/0

S 10.0.30.0/24 [1/0] via 10.10.10.9

S 10.0.20.0/24 [1/0] via 10.10.10.1

S 10.0.40.0/24 [1/0] via 10.10.10.9

R2#