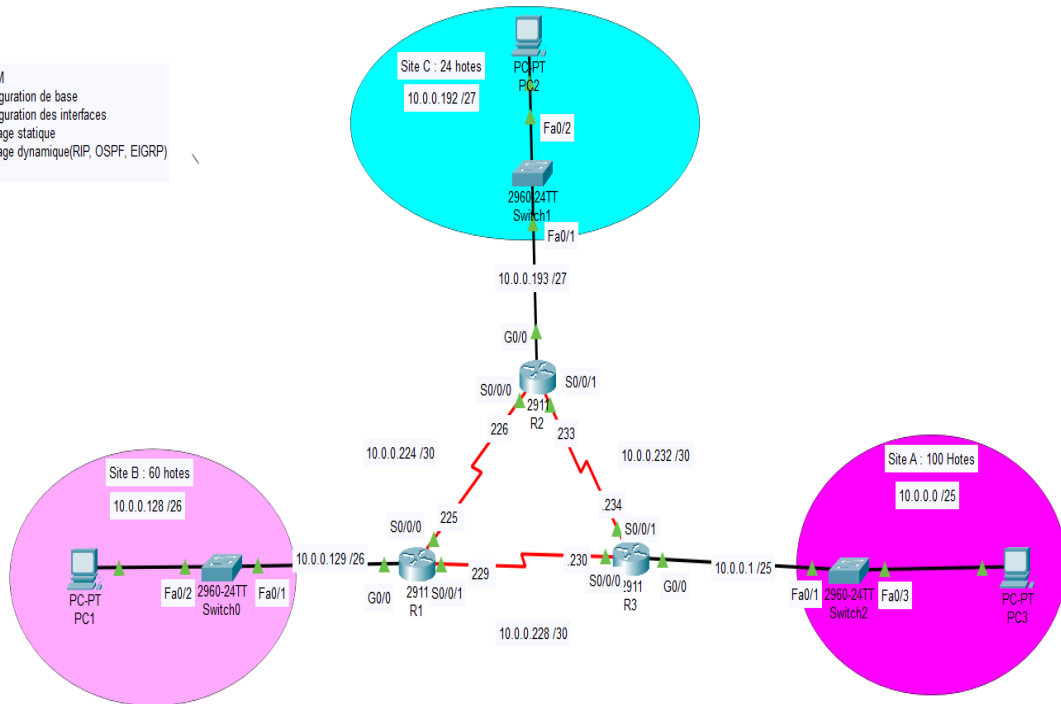


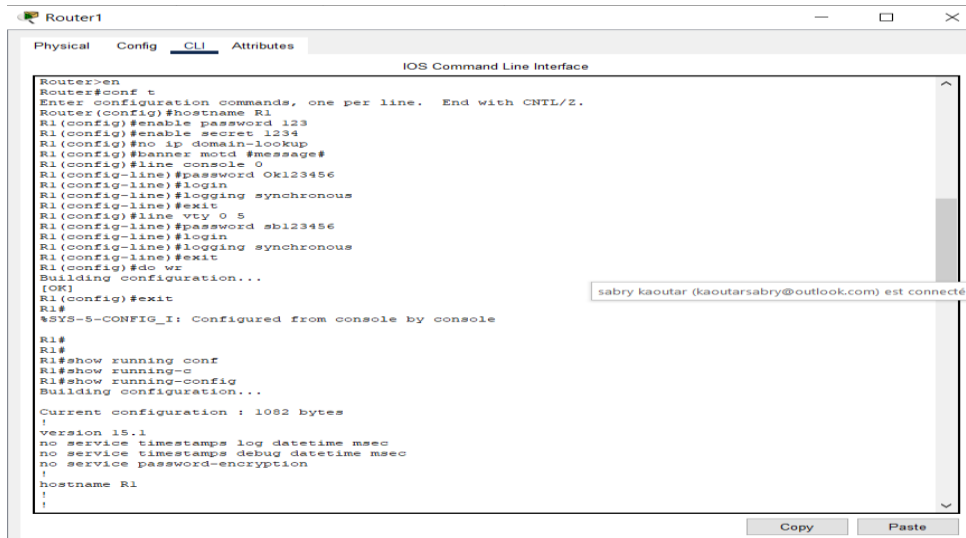
- 1: VLSM
- 2: Configuration de base
- 3: Configuration des interfaces
- 4: Routage statique
- 5: Routage dynamique(RIP, OSPF, EIGRP)



1. VLSM

Site	<2 ⁿ	Masque	Adresse réseau	Adresse de diffusion	Première adresse	Dernière adresse
Site A=100 hôtes	2 ⁷	/25 255.255.255.128	10.0.0.0	10.0.0.127	10.0.0.1	10.0.0.126
Site B=6 hôtes	2 ⁶	/26 255.255.255.192	10.0.0.128	10.0.0.191	10.0.0.129	10.0.0.190
Site C=24hotes	2 ⁵	/27 255.255.255.224	10.0.0.192	10.0.0.223	10.0.0.193	10.0.0.222
R1-R2=2hotes	2 ²	/30 255.255.255.252	10.0.0.224	10.0.0.227	10.0.0.225	10.0.0.226
R1-R3=2hotes	2 ²	/30 255.255.255.252	10.0.0.228	10.0.0.231	10.0.0.229	10.0.0.230
R2-R3=2hotes	2 ²	/30 255.255.255.252	10.0.0.232	10.0.0.235	10.0.0.233	10.0.0.234

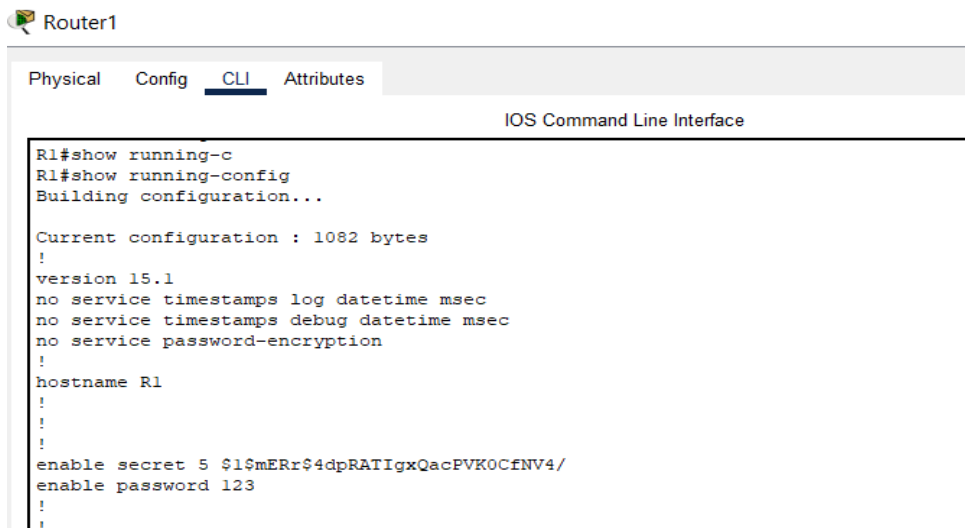
2. Configuration de base d'un routeur



```
Router1
Physical Config CLI Attributes
IOS Command Line Interface

Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname R1
R1(config)#enable password 123
R1(config)#enable secret 1234
R1(config)#no ip domain-lookup
R1(config)#banner motd #message#
R1(config)#line console 0
R1(config-line)#password 0k123456
R1(config-line)#login
R1(config-line)#logging synchronous
R1(config-line)#exit
R1(config)#line vty 0 5
R1(config-line)#password sbl23456
R1(config-line)#login
R1(config-line)#logging synchronous
R1(config-line)#exit
R1(config)#do wr
Building configuration...
[OK]
R1(config)#exit
R1#
%SYS-5-CONFIG_I: Configured from console by console
R1#
R1#
R1#show running conf
R1#show running-c
R1#show running-config
Building configuration...

Current configuration : 1052 bytes
!
version 15.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname R1
!
```



```
Router1
Physical Config CLI Attributes
IOS Command Line Interface

R1#show running-c
R1#show running-config
Building configuration...

Current configuration : 1052 bytes
!
version 15.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname R1
!
!
!
enable secret 5 $1$mERr$4dpRATlgxQacPVK0CfNV4/
enable password 123
!
!
```

Crypter le mot de passe

```
R1(config)#service password-encryption
R1(config)#exit
R1#
%SYS-5-CONFIG_I: Configured from console by console

R1#
R1#
R1#sho
R1#show r
R1#show running-config
Building configuration...

Current configuration : 1122 bytes
!
version 15.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname R1
!
!
!
enable secret 5 $1$mERr$4dpRATlgxQacPVK0CfNV4/
enable password 7 08701E1D
!
!
```

3. Configuration des interfaces

R1

```
R1(config)#interface g0/0
R1(config-if)#ip address 10.0.0.129 255.255.255.128
R1(config-if)#no sh
```

```
R1(config)#INTerface s0/0/0
R1(config-if)#ip address 10.0.0.225 255.255.255.252
R1(config-if)#no shutdown
```

```
R1(config)#interface s0/0/1
R1(config-if)#ip address 10.0.0.229 255.255.255.252
R1(config-if)#no sh
```

R2

```
R2(config)#interface g0/0
R2(config-if)#ip address 10.0.0.193 255.255.255.224
R2(config-if)#no sh
```

```
R2(config)#interface s0/0/0
R2(config-if)#ip address 10.0.0.226 255.255.255.252
R2(config-if)#no sh
```

```
R2(config)#interface s0/0/1
R2(config-if)#ip address 10.0.0.233 255.255.255.252
R2(config-if)#no sh
```

R3

```
R3(config)#interface g0/0
R3(config-if)#ip address 10.0.0.1 255.255.255.128
R3(config-if)#no sh
```

```
R3(config)#interface s0/0/0
R3(config-if)#ip address 10.0.0.230 255.255.255.252
R3(config-if)#no sh
```

```
R3(config)#interface s0/0/1
R3(config-if)#ip address 10.0.0.234 255.255.255.252
R3(config-if)#no sh
```

4. Routage Statique

R1

R1(config)#ip route 10.0.0.232 255.255.255.252 10.0.0.230

R1(config)#ip route 10.0.0.192 255.255.255.224 10.0.0.226

R1(config)#ip route 10.0.0.0 255.255.255.128 10.0.0.230

```
R1#show ip route
Codes: L - local, 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, 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

    10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
S       10.0.0.0/25 [1/0] via 10.0.0.230
C       10.0.0.128/26 is directly connected, GigabitEthernet0/0
L       10.0.0.129/32 is directly connected, GigabitEthernet0/0
S       10.0.0.192/27 [1/0] via 10.0.0.226
C       10.0.0.224/30 is directly connected, Serial0/0/0
L       10.0.0.225/32 is directly connected, Serial0/0/0
C       10.0.0.228/30 is directly connected, Serial0/0/1
L       10.0.0.229/32 is directly connected, Serial0/0/1
S       10.0.0.232/30 [1/0] via 10.0.0.230

R1#
```

R2

R2(config)#ip route 10.0.0.128 255.255.255.192 10.0.0.225

R2(config)#ip route 10.0.0.228 255.255.255.252 10.0.0.225

R2(config)#ip route 10.0.0.0 255.255.255.128 10.0.0.234

```
R2#show ip route
Codes: L - local, 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, 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

    10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
S       10.0.0.0/25 [1/0] via 10.0.0.234
S       10.0.0.128/26 [1/0] via 10.0.0.225
C       10.0.0.192/27 is directly connected, GigabitEthernet0/0
L       10.0.0.193/32 is directly connected, GigabitEthernet0/0
C       10.0.0.224/30 is directly connected, Serial0/0/0
L       10.0.0.226/32 is directly connected, Serial0/0/0
S       10.0.0.228/30 [1/0] via 10.0.0.225
C       10.0.0.232/30 is directly connected, Serial0/0/1
L       10.0.0.233/32 is directly connected, Serial0/0/1

R2#
```

R3

R3(config)#ip route 10.0.0.128 255.255.255.192 10.0.0.229

R3(config)#ip route 10.0.0.224 255.255.255.252 10.0.0.229

```

R3#Show ip route
Codes: L - local, 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, 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

    10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
C       10.0.0.0/25 is directly connected, GigabitEthernet0/0
L       10.0.0.1/32 is directly connected, GigabitEthernet0/0
S       10.0.0.128/26 [1/0] via 10.0.0.229
S       10.0.0.192/27 [1/0] via 10.0.0.233
S       10.0.0.224/30 [1/0] via 10.0.0.229
C       10.0.0.228/30 is directly connected, Serial0/0/0
L       10.0.0.230/32 is directly connected, Serial0/0/0
C       10.0.0.232/30 is directly connected, Serial0/0/1
L       10.0.0.234/32 is directly connected, Serial0/0/1

```

5. Routage dynamique :

a. RIP

R2

```

R2(config)#router rip
R2(config-router)#version 2
R2(config-router)#network 10.0.0.192
R2(config-router)#network 10.0.0.224
R2(config-router)#network 10.0.0.232
R2(config-router)#passive-interface g0/0
R2(config-router)#exit

```

```

Router#show ip route
Codes: L - local, 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, 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

    10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
R       10.0.0.0/25 [120/1] via 10.0.0.234, 00:00:28, Serial0/0/1
R       10.0.0.128/26 [120/1] via 10.0.0.225, 00:00:08, Serial0/0/0
C       10.0.0.192/27 is directly connected, GigabitEthernet0/0
L       10.0.0.193/32 is directly connected, GigabitEthernet0/0
C       10.0.0.224/30 is directly connected, Serial0/0/0
L       10.0.0.226/32 is directly connected, Serial0/0/0
R       10.0.0.228/30 [120/1] via 10.0.0.225, 00:00:08, Serial0/0/0
           [120/1] via 10.0.0.234, 00:00:28, Serial0/0/1
C       10.0.0.232/30 is directly connected, Serial0/0/1
L       10.0.0.233/32 is directly connected, Serial0/0/1

```

R1

```

R1(config)#router rip
R1(config-router)#version 2

```

```

R1(config-router)#network 10.0.0.128
R1(config-router)#network 10.0.0.224
R1(config-router)#network 10.0.0.228
R1(config-router)#passive-interface g0/0
R1(config-router)#exit

```

```

R1#show ip route
Codes: L - local, 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, 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

10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
R    10.0.0.0/25 [120/1] via 10.0.0.230, 00:00:06, Serial0/0/1
C    10.0.0.128/26 is directly connected, GigabitEthernet0/0
L    10.0.0.129/32 is directly connected, GigabitEthernet0/0
R    10.0.0.192/27 [120/1] via 10.0.0.226, 00:00:06, Serial0/0/0
C    10.0.0.224/30 is directly connected, Serial0/0/0
L    10.0.0.225/32 is directly connected, Serial0/0/0
C    10.0.0.228/30 is directly connected, Serial0/0/1
L    10.0.0.229/32 is directly connected, Serial0/0/1
R    10.0.0.232/30 [120/1] via 10.0.0.226, 00:00:06, Serial0/0/0
      [120/1] via 10.0.0.230, 00:00:06, Serial0/0/1

```

R3

```

R3(config)#router rip
R3(config-router)#version 2
R3(config-router)#network 10.0.0.228
R3(config-router)#network 10.0.0.232
R3(config-router)#network 10.0.0.0
R3(config-router)#passive-interface g0/0

```

```

Router#show ip route
Router#show ip route
Codes: L - local, 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, 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

10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
C    10.0.0.0/25 is directly connected, GigabitEthernet0/0
L    10.0.0.1/32 is directly connected, GigabitEthernet0/0
R    10.0.0.128/26 [120/1] via 10.0.0.229, 00:00:08, Serial0/0/0
R    10.0.0.192/27 [120/1] via 10.0.0.233, 00:00:27, Serial0/0/1
R    10.0.0.224/30 [120/1] via 10.0.0.233, 00:00:27, Serial0/0/1
      [120/1] via 10.0.0.229, 00:00:08, Serial0/0/0
C    10.0.0.228/30 is directly connected, Serial0/0/0
L    10.0.0.230/32 is directly connected, Serial0/0/0
C    10.0.0.232/30 is directly connected, Serial0/0/1
L    10.0.0.234/32 is directly connected, Serial0/0/1

```

b. EIGRP

R1

```

R1(config)#router eigrp 1

```

```
R1(config-router)#network 10.0.0.224 0.0.0.3
R1(config-router)#network 10.0.0.228 0.0.0.3
R1(config-router)#network 10.0.0.128 0.0.0.63
```

```
R1#show ip rou
R1#show ip route
Codes: L - local, 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, 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

    10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
D    10.0.0.0/25 [90/2172416] via 10.0.0.230, 00:05:29, Serial0/0/1
C    10.0.0.128/26 is directly connected, GigabitEthernet0/0
L    10.0.0.129/32 is directly connected, GigabitEthernet0/0
D    10.0.0.192/27 [90/2172416] via 10.0.0.226, 00:07:51, Serial0/0/0
C    10.0.0.224/30 is directly connected, Serial0/0/0
L    10.0.0.225/32 is directly connected, Serial0/0/0
C    10.0.0.228/30 is directly connected, Serial0/0/1
L    10.0.0.229/32 is directly connected, Serial0/0/1
D    10.0.0.232/30 [90/2681856] via 10.0.0.226, 00:07:51, Serial0/0/0
      [90/2681856] via 10.0.0.230, 00:05:20, Serial0/0/1
```

R2

```
R2(config)#router eigrp 1
R2(config-router)#network 10.0.0.224 0.0.0.3
R2(config-router)#network 10.0.0.232 0.0.0.3
R2(config-router)#network 10.0.0.192 0.0.0.31
```

```
R2#sho
R2#show ip rou
R2#show ip route
Codes: L - local, 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, 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

    10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
D    10.0.0.0/25 [90/2172416] via 10.0.0.234, 00:08:28, Serial0/0/1
D    10.0.0.128/26 [90/2172416] via 10.0.0.225, 00:10:03, Serial0/0/0
C    10.0.0.192/27 is directly connected, GigabitEthernet0/0
L    10.0.0.193/32 is directly connected, GigabitEthernet0/0
C    10.0.0.224/30 is directly connected, Serial0/0/0
L    10.0.0.226/32 is directly connected, Serial0/0/0
D    10.0.0.228/30 [90/2681856] via 10.0.0.225, 00:10:38, Serial0/0/0
      [90/2681856] via 10.0.0.234, 00:08:28, Serial0/0/1
C    10.0.0.232/30 is directly connected, Serial0/0/1
L    10.0.0.233/32 is directly connected, Serial0/0/1
```

R3

```
R3(config)#router eigrp 1
R3(config-router)#network 10.0.0.0 0.0.0.127
R3(config-router)#network 10.0.0.228 0.0.0.3
R3(config-router)#network 10.0.0.232 0.0.0.3
```

```
R3#show ip rou
R3#show ip route
Codes: L - local, 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, 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

    10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
C    10.0.0.0/25 is directly connected, GigabitEthernet0/0
L    10.0.0.1/32 is directly connected, GigabitEthernet0/0
D    10.0.0.128/26 [90/2172416] via 10.0.0.229, 00:07:39, Serial0/0/0
D    10.0.0.192/27 [90/2172416] via 10.0.0.233, 00:07:30, Serial0/0/1
D    10.0.0.224/30 [90/2681856] via 10.0.0.229, 00:07:39, Serial0/0/0
      [90/2681856] via 10.0.0.233, 00:07:30, Serial0/0/1
C    10.0.0.228/30 is directly connected, Serial0/0/0
L    10.0.0.230/32 is directly connected, Serial0/0/0
C    10.0.0.232/30 is directly connected, Serial0/0/1
L    10.0.0.234/32 is directly connected, Serial0/0/1
```

c. OSPF

R1

R1(config)#router ospf 1

R1(config-router)#network 10.0.0.228 0.0.0.3 area 0

R1(config-router)#network 10.0.0.128 0.0.0.127 area 0

R1(config-router)#network 10.0.0.224 0.0.0.3 area 0

```
R1#show ip rou
R1#show ip route
Codes: L - local, 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, 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

    10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
O       10.0.0.0/25 [110/65] via 10.0.0.230, 00:03:00, Serial0/0/1
O       10.0.0.128/26 is directly connected, GigabitEthernet0/0
L       10.0.0.129/32 is directly connected, GigabitEthernet0/0
O       10.0.0.192/27 [110/65] via 10.0.0.226, 00:05:22, Serial0/0/0
C       10.0.0.224/30 is directly connected, Serial0/0/0
L       10.0.0.225/32 is directly connected, Serial0/0/0
C       10.0.0.228/30 is directly connected, Serial0/0/1
L       10.0.0.229/32 is directly connected, Serial0/0/1
O       10.0.0.232/30 [110/128] via 10.0.0.230, 00:03:28, Serial0/0/1
        [110/128] via 10.0.0.226, 00:03:28, Serial0/0/0
```

R2

R2(config)#router ospf 1

R2(config-router)#network 10.0.0.192 0.0.0.31 area 0

R2(config-router)#network 10.0.0.232 0.0.0.3 area 0

R2(config-router)#network 10.0.0.224 0.0.0.3 area 0

```
R2#Show IP Route
Codes: L - local, 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, 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

    10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
O       10.0.0.0/25 [110/65] via 10.0.0.234, 00:13:05, Serial0/0/1
O       10.0.0.128/26 [110/65] via 10.0.0.225, 00:15:23, Serial0/0/0
C       10.0.0.192/27 is directly connected, GigabitEthernet0/0
L       10.0.0.193/32 is directly connected, GigabitEthernet0/0
C       10.0.0.224/30 is directly connected, Serial0/0/0
L       10.0.0.226/32 is directly connected, Serial0/0/0
O       10.0.0.228/30 [110/128] via 10.0.0.234, 00:13:33, Serial0/0/1
        [110/128] via 10.0.0.225, 00:13:33, Serial0/0/0
C       10.0.0.232/30 is directly connected, Serial0/0/1
L       10.0.0.233/32 is directly connected, Serial0/0/1
```

R3

R3(config)#Router ospf 1

R3(config-router)#network 10.0.0.228 0.0.0.3 area 0

R3(config-router)#network 10.0.0.232 0.0.0.3 area 0

R3(config-router)#network 10.0.0.0 0.0.0.127 area 0

```
R3#show ip route
Codes: L - local, 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, 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

    10.0.0.0/8 is variably subnetted, 9 subnets, 5 masks
C       10.0.0.0/25 is directly connected, GigabitEthernet0/0
L       10.0.0.1/32 is directly connected, GigabitEthernet0/0
O       10.0.0.128/26 [110/65] via 10.0.0.229, 00:14:57, Serial0/0/0
O       10.0.0.192/27 [110/65] via 10.0.0.233, 00:14:35, Serial0/0/1
O       10.0.0.224/30 [110/128] via 10.0.0.229, 00:14:35, Serial0/0/0
        [110/128] via 10.0.0.233, 00:14:35, Serial0/0/1
C       10.0.0.228/30 is directly connected, Serial0/0/0
L       10.0.0.230/32 is directly connected, Serial0/0/0
C       10.0.0.232/30 is directly connected, Serial0/0/1
L       10.0.0.234/32 is directly connected, Serial0/0/1
```