

```
R1
conf t
int e0/0
ip add 10.1.1.11 255.255.255.0
no sh
int e0/1
ip add 10.18.1.1 255.255.255.0
no sh
int s2/1
Desc conn to R2
ip add 10.12.1.1 255.255.255.0
no shut
int s2/0
Desc conn to R3
ip add 10.13.1.1 255.255.255.0
no shut
int lo0
ip add 1.1.1.1 255.255.255.255
exit
```

! Enable Multicast routing globally

```
ip multicast-routing
```

! Enable ospf & Pim dense mode under interface config

```
int s2/0
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
int s2/1
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
int e0/0
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
int e0/1
ip ospf 1 a 0
exit
```

```
=====
R2
conf t
int s2/0
ip add 10.12.1.2 255.255.255.0
no sh
int e0/0
ip add 192.168.2.1 255.255.255.0
no sh
int lo0
```

```
ip add 2.2.2.2 255.255.255.255
exit
do wr
```

! Enable Multicast routing globally

```
ip multicast-routing
```

! Enable ospf & Pim dense mode under interface config

```
int e0/0
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
int s2/0
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
R3
conf t
int e0/0
ip add 10.45.1.3 255.255.255.0
no sh
int s2/0
ip add 10.13.1.3 255.255.255.0
no sh
int s2/1
ip add 10.36.1.3 255.255.255.0
no sh
int s2/2
ip add 10.37.1.3 255.255.255.0
no sh
int lo0
ip add 3.3.3.3 255.255.255.255
exit
```

```
do wr
```

! Enable Multicast routing globally

```
ip multicast-routing
```

! Enable ospf & Pim dense mode under interface config

```
int e0/0
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
int s2/0
```

```
ip ospf 1 a 0
ip pim dense-mode
exit
int s2/1
ip ospf 1 a 0
ip pim dense-mode
exit
int s2/2
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
=====
R4:
conf t
int e0/0
ip add 10.45.1.4 255.255.255.0
no sh
exit
do wr
```

! Enable Multicast routing globally

```
ip multicast-routing
```

! Enable ospf & Pim dense mode under interface config

```
int e0/0
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
R5
conf t
int e0/0
ip add 10.45.1.5 255.255.255.0
no sh
int e0/1
ip add 172.16.5.1 255.255.255.0
no sh
exit
do wr
```

! Enable Multicast routing globally

```
ip multicast-routing
```

! Enable ospf & Pim dense mode under interface config

```
int r e0/0-1
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
R6:
conf t
int s2/0
ip add 10.36.1.6 255.255.255.0
no sh
int e0/0
ip add 192.168.3.6 255.255.255.0
no sh
standby 1 ip 192.168.3.1
exit
```

```
do wr
```

```
! Enable Multicast routing globally
```

```
ip multicast-routing
```

```
! Enable ospf & Pim dense mode under interface config
```

```
int r e0/0
ip ospf 1 a 0
ip pim dense-mode
exit
int s2/0
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
R7:
conf t
int s2/0
ip add 10.37.1.7 255.255.255.0
no sh
int e0/0
ip add 192.168.3.7 255.255.255.0
no sh
standby 1 ip 192.168.3.1
exit
```

```
do wr
```

```
! Enable Multicast routing globally
```

```
ip multicast-routing
```

```
! Enable ospf & Pim dense mode under interface config
```

```
int r e0/0
ip ospf 1 a 0
ip pim dense-mode
exit
int s2/0
ip ospf 1 a 0
ip pim dense-mode
exit
```

```
=====
Rec-1
```

```
conf t
no ip routing
int e0/0
ip add 172.16.5.5 255.255.255.0
no sh
exit
ip default-gateway 172.16.5.1
int fa0/0
!ip igmp join-group 239.1.1.1
exit
```

```
Rec-2
conf t
no ip routing
int e0/0
ip add 192.168.2.2 255.255.255.0
no sh
exit
ip default-gateway 192.168.2.1
int fa0/0
!ip igmp join-group 239.1.1.1
exit
```

```
Rec-3
conf t
no ip routing
int e0/0
ip add 192.168.3.3 255.255.255.0
no sh
exit
ip default-gateway 192.168.3.1
```

Source

```
conf t
no ip routing
int e0/0
ip add 10.1.1.1 255.255.255.0
no sh
exit
ip default-gateway 10.1.1.11
end
```

