

```
R1
conf t
int e0/0
ip add 10.1.1.11 255.255.255.0
no sh
int e0/1
ip add 10.12.1.1 255.255.255.0
no sh
int lo 0
ip add 1.1.1.1 255.255.255.255
exit
```

```
int r e0/0-1,lo0
ip ospf 1 a 0
ip pim sparse-mode
exit
```

```
ip multicast-routing
```

```
R2:
conf t
int e0/0
ip add 10.12.1.2 255.255.255.0
no sh
int e0/1
ip add 10.23.1.2 255.255.255.0
no sh
int e0/2
ip add 10.25.1.2 255.255.255.0
no sh
int lo 0
ip add 2.2.2.2 255.255.255.255
exit
```

```
int r e0/0-2,lo0
ip ospf 1 a 0
ip pim sparse-mode
exit
```

```
ip multicast-routing
```

```
R3:
conf t
int e0/0
ip add 10.23.1.3 255.255.255.0
no sh
int e0/1
ip add 10.34.1.3 255.255.255.0
no sh
int lo 0
ip add 3.3.3.3 255.255.255.255
no sh
exit
```

```
int r e0/0-1,lo0
ip ospf 1 a 0
ip pim sparse-mode
exit
```

```
ip multicast-routing
```

R4:

```
conf t
int e0/0
ip add 10.34.1.4 255.255.255.0
no sh
int e0/1
ip add 10.46.1.4 255.255.255.0
no sh
int lo 0
ip add 4.4.4.4 255.255.255.255
no sh
exit
```

```
int r e0/0-1,lo0
ip ospf 1 a 0
ip pim sparse-mode
exit
```

```
ip multicast-routing
```

R5:

```
conf t
int e0/0
ip add 10.25.1.5 255.255.255.0
no sh
int e0/1
ip add 10.56.1.5 255.255.255.0
no sh
int lo 0
ip add 5.5.5.5 255.255.255.255
no sh
exit
```

```
int r e0/0-1,lo0
ip ospf 1 a 0
ip pim sparse-mode
exit
```

```
ip multicast-routing
```

```
conf t
int e0/0
ip add 10.46.1.6 255.255.255.0
no sh
int e0/1
```

```
ip add 10.56.1.6 255.255.255.0
no sh
int e0/2
ip add 192.168.1.6 255.255.255.0
no sh
int lo 0
ip add 6.6.6.6 255.255.255.255
no sh
exit
```

```
int r e0/0-1,lo0
ip ospf 1 a 0
ip pim sparse-mode
exit
```

```
ip multicast-routing
```

! Configure static Rp on all routers including RP (R3)

```
ip pim rp-address 3.3.3.3
```