



## R1 configuration

interface FastEthernet0/0

no ip address

duplex full

ipv6 address FC00:1:1:1::2/64

ipv6 rip test enable

!

interface Serial1/0

no ip address

ipv6 address 2000:1:1:1::/64 eui-64

ipv6 rip test enable

serial restart-delay 0

## R2 configuration

```
interface Serial1/0
no ip address
ipv6 address 2000:1:1:1::/64 eui-64
ipv6 rip test enable
serial restart-delay 0
```

!

```
interface Serial1/1
no ip address
ipv6 address 2001:2:2:2::/64 eui-64
ipv6 rip test enable
serial restart-delay 0
```

## R3 configuration

!

```
interface FastEthernet0/0
no ip address
duplex full
ipv6 address FC00:2:2:2::/64 eui-64
ipv6 rip test enable
interface Serial1/1
no ip address
ipv6 address 2001:2:2:2::/64 eui-64
```

```
ipv6 rip test enable
serial restart-delay 0
```

```
R1#show ipv6 route rip
```

```
R 2001:1:1:1::/64 [120/3]
  via FE80::C802:10FF:FE5C:0, Serial1/0
R 2001:2:2:2::/64 [120/2]
  via FE80::C802:10FF:FE5C:0, Serial1/0
R FC00:2:2:2::/64 [120/3]
  via FE80::C802:10FF:FE5C:0, Serial1/0
```

```
R2
```

```
R2#sho ipv6 route rip
```

```
R 2001:1:1:1::/64 [120/2]
  via FE80::C803:12FF:FE84:0, Serial1/1
R FC00:1:1:1::/64 [120/2]
  via FE80::C801:12FF:FE9C:0, Serial1/0
R FC00:2:2:2::/64 [120/2]
  via FE80::C803:12FF:FE84:0, Serial1/1
```

```
R3
```

```
R3#sho ipv6 route rip
```

R 2000:1:1:1::/64 [120/2]  
via FE80::C802:10FF:FE5C:0, Serial1/1

R 2001:2:2:2::/64 [120/2]  
via FE80::C802:10FF:FE5C:0, Serial1/1

R FC00:1:1:1::/64 [120/3]  
via FE80::C802:10FF:FE5C:0, Serial1/1

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