

LFA/FRR:

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CSR

R1:

```
conf t
int g3
ip add 10.13.1.1 255.255.255.0
no sh
int g1
ip add 10.12.1.1 255.255.255.0
no sh
int g2
ip add 10.14.1.1 255.255.255.0
no sh
int r g1,g2,g3
bfd interval 50 min_rx 50 multiplier 3
exit
router eigrp R1
!
address-family ipv4 unicast autonomous-system 1
!
af-interface GigabitEthernet1
bfd
exit-af-interface
!
af-interface GigabitEthernet2
bfd
exit-af-interface
!
af-interface GigabitEthernet3
bfd
exit-af-interface
!
topology base
fast-reroute per-prefix all
exit-af-topology
network 0.0.0.0
exit-address-family
```

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R2:

```
conf t
int e0/0
ip add 10.12.1.2 255.255.255.0
no sh
int e0/1
ip add 10.25.1.2 255.255.255.0
no sh
router eigrp 1
net 0.0.0.0
bfd all-interfaces
exit
int r e0/0-1
bfd interval 50 min_rx 50 multiplier 3
exit
```

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```
R4:
conf t
int e0/0
ip add 10.14.1.4 255.255.255.0
no sh
int e0/1
ip add 10.45.1.5 255.255.255.0
no sh
router eigrp 1
net 0.0.0.0
bfd all-interfaces
exit
int r e0/0-1
bfd interval 50 min_rx 50 multiplier 3
exi
access-list 1 permit 5.0.0.0 0.255.255.255
router eigrp 1
bfd all-interfaces
network 0.0.0.0
offset-list 1 out 10 Ethernet0/0
```

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```
R5:
conf t
int e0/1
ip add 10.25.1.5 255.255.255.0
no sh
int e0/0
ip add 10.45.1.4 255.255.255.0
no sh
int e0/2
ip add 10.35.1.5 255.255.255.0
exit
int lo 0
ip add 5.5.5.5 255.0.0.0
int r e0/0-2
bfd interval 50 min_rx 50 multiplier 3
exi
router eigrp 1
bfd all-interfaces
net 0.0.0.0
```

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Eigrp OTP:

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```
R1:
conf t
int e0/0
Desc public address to access internet
ip add 1.1.1.1 255.0.0.0
no sh
int lo 0
desc private addresses
ip add 10.0.0.1 255.0.0.0
exit
! Default route towards SP network.
ip route 0.0.0.0 0.0.0.0 1.1.1.2
```

```
router eigrp R1
!
address-family ipv4 unicast autonomous-system 1
!
af-interface Ethernet0/0
no next-hop-self
no split-horizon
exit-af-interface
!
topology base
exit-af-topology
remote-neighbors source Ethernet0/0 unicast-listen lisp-encap
network 0.0.0.0
exit-address-family
```

```
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R3:
conf t
int e0/0
Desc public address to access internet
ip add 3.3.3.3 255.0.0.0
no sh
int lo 0
desc private addresses
ip add 172.16.3.3 255.255.255.0
exit
! Default route towards SP network.
ip route 0.0.0.0 0.0.0.0 3.3.3.2
router eigrp R3
!
address-family ipv4 unicast autonomous-system 1
!
topology base
exit-af-topology
neighbor 1.1.1.1 Ethernet0/0 remote 10 lisp-encap
network 0.0.0.0
exit-address-family
```

```
=====
R4:
conf t
int e0/0
Desc public address to access internet
ip add 4.4.4.4 255.0.0.0
no sh
int lo 0
desc private addresses
ip add 192.168.4.4 255.255.255.0
exit
! Default route towards SP network.
ip route 0.0.0.0 0.0.0.0 4.4.4.2
router eigrp R4
!
address-family ipv4 unicast autonomous-system 1
!
topology base
exit-af-topology
```

```
neighbor 1.1.1.1 Ethernet0/0 remote 10 lisp-encap
network 0.0.0.0
exit-address-family
```

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