

Spine template

conf t

route-map SRCIP permit 10

set src 10.0.0.3

!

ip protocol bgp route-map SRCIP

!

ip prefix-list DCLB permit 10.0.0.0/8 ge 32

!

route-map DCLB permit 10

match ip address prefix-list DCLB

!

router bgp 65046

bgp router-id 10.0.0.0

no bgp ebgp-requires-policy

neighbor LEAF peer-group

neighbor LEAF remote-as external

neighbor eth1 interface peer-group LEAF

neighbor eth2 interface peer-group LEAF

neighbor eth3 interface peer-group LEAF

neighbor eth4 interface peer-group LEAF

neighbor eth5 interface peer-group LEAF

neighbor eth6 interface peer-group LEAF

neighbor eth7 interface peer-group LEAF

neighbor eth8 interface peer-group LEAF

!

address-family ipv4 unicast

redistribute connected route-map DCLB

end

wr mem

Leaf template

```
route-map SRCIP permit 10
  set src [LOIP]
!
ip protocol bgp route-map SRCIP
!
ip prefix-list DCLB permit 10.0.0.0/8 ge 32
!
route-map DCLB permit 10
  match ip address prefix-list DCLB
!
router bgp 651[NN]
  bgp router-id 10.1.0.0
  no bgp ebgp-requires-policy
  neighbor HOST peer-group
  neighbor HOST remote-as external
  neighbor SPINE peer-group
  neighbor SPINE remote-as external
  neighbor eth1 interface peer-group SPINE
  neighbor eth2 interface peer-group SPINE
  neighbor eth3 interface peer-group SPINE
  neighbor eth4 interface peer-group HOST
  neighbor eth5 interface peer-group HOST
!
address-family ipv4 unicast
  neighbor SPINE allowas-in 1
```

redistribute connected route-map DCLB

Host template

route-map SRCIP permit 10

set src [LOIP]

!

ip protocol bgp route-map SRCIP

!

ip prefix-list DCLB permit 10.0.0.0/8 ge 32

!

route-map DCLB permit 10

match ip address prefix-list DCLB

!

router bgp 652NN

bgp router-id 10.2.0.0

no bgp ebgp-requires-policy

neighbor LEAF peer-group

neighbor LEAF remote-as external

neighbor eth1 interface peer-group LEAF

neighbor eth1 capability extended-nexthop

neighbor eth2 interface peer-group LEAF

neighbor eth2 capability extended-nexthop

!

address-family ipv4 unicast

neighbor LEAF allowas-in 1

redistribute connected route-map DCLB

Leaf template

```
conf t
route-map SRCIP permit 10
  set src 10.1.2.2
!
ip protocol bgp route-map SRCIP
!
ip prefix-list DCLB permit 10.0.0.0/8 ge 32
!
route-map DCLB permit 10
  match ip address prefix-list DCLB
!
router bgp 65146
  bgp router-id 10.1.0.0
  no bgp ebgp-requires-policy
  neighbor HOST peer-group
  neighbor HOST remote-as external
  neighbor SPINE peer-group
  neighbor SPINE remote-as external
  neighbor eth1 interface peer-group SPINE
  neighbor eth2 interface peer-group SPINE
  neighbor eth3 interface peer-group SPINE
  neighbor eth4 interface peer-group HOST
  neighbor eth5 interface peer-group HOST
!
address-family ipv4 unicast
  neighbor SPINE allowas-in 1
```

redistribute connected route-map DCLB

end

wr mem

sh bgp summary

conf t

route-map SRCIP permit 10

set src 10.1.2.3

!

ip protocol bgp route-map SRCIP

!

ip prefix-list DCLB permit 10.0.0.0/8 ge 32

!

route-map DCLB permit 10

match ip address prefix-list DCLB

!

router bgp 65146

bgp router-id 10.1.0.0

no bgp ebgp-requires-policy

neighbor HOST peer-group

neighbor HOST remote-as external

neighbor SPINE peer-group

neighbor SPINE remote-as external

neighbor eth1 interface peer-group SPINE

neighbor eth2 interface peer-group SPINE

```
neighbor eth3 interface peer-group SPINE
neighbor eth4 interface peer-group HOST
neighbor eth5 interface peer-group HOST
!
address-family ipv4 unicast
  neighbor SPINE allowas-in 1
  redistribute connected route-map DCLB

end

wr mem
```

```
MOlemmat l4A ja B
conf t
route-map SRCIP permit 10
  set src 10.1.2.4
!
ip protocol bgp route-map SRCIP
!
ip prefix-list DCLB permit 10.0.0.0/8 ge 32
!
route-map DCLB permit 10
  match ip address prefix-list DCLB
!
router bgp 65146
```

```
bgp router-id 10.1.0.0
no bgp ebgp-requires-policy
neighbor HOST peer-group
neighbor HOST remote-as external
neighbor SPINE peer-group
neighbor SPINE remote-as external
neighbor eth1 interface peer-group SPINE
neighbor eth2 interface peer-group SPINE
neighbor eth3 interface peer-group SPINE
!
address-family ipv4 unicast
  neighbor SPINE allowas-in 1
  redistribute connected route-map DCLB

end

wr mem
```

PVE1

vtysh

host template

```
set src 10.2.2.1 muuta 10.2.1.1, 10.2.1.2
```

1.

```
conf t
route-map SRCIP permit 10
  set src 10.2.2.1
!
ip protocol bgp route-map SRCIP
!
ip prefix-list DCLB permit 10.0.0.0/8 ge 32
!
route-map DCLB permit 10
  match ip address prefix-list DCLB
!
router bgp 65246
  bgp router-id 10.2.0.0
  no bgp ebgp-requires-policy
  neighbor LEAF peer-group
  neighbor LEAF remote-as external
  neighbor eth1 interface peer-group LEAF
  neighbor eth1 capability extended-nexthop
  neighbor eth2 interface peer-group LEAF
  neighbor eth2 capability extended-nexthop
!
address-family ipv4 unicast
  neighbor LEAF allowas-in 1
  redistribute connected route-map DCLB

end

wr mem
```


PVE1

vysh

host template

1.

conf t

route-map SRCIP permit 10

set src 10.2.2.3

!

ip protocol bgp route-map SRCIP

!

ip prefix-list DCLB permit 10.0.0.0/8 ge 32

!

route-map DCLB permit 10

match ip address prefix-list DCLB

!

router bgp 65246

bgp router-id 10.2.0.0

no bgp ebgp-requires-policy

neighbor LEAF peer-group

neighbor LEAF remote-as external

neighbor eth1 interface peer-group LEAF

neighbor eth1 capability extended-nexthop

neighbor eth2 interface peer-group LEAF

neighbor eth2 capability extended-nexthop

!

address-family ipv4 unicast

neighbor LEAF allowas-in 1

redistribute connected route-map DCLB

end

wr mem

L4a

int eth4

ip address 10.14.11.1/24

int eth5

ip address 10.14.12.1/24

I4b

eth4

10.14.21.1/24

eth5

10.14.22.1/24