

```
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
```

```
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```

```
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

vtysh

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
```

|4b

```
eth4  
10.14.21.1/24  
  
eth5  
10.14.22.1/24
```