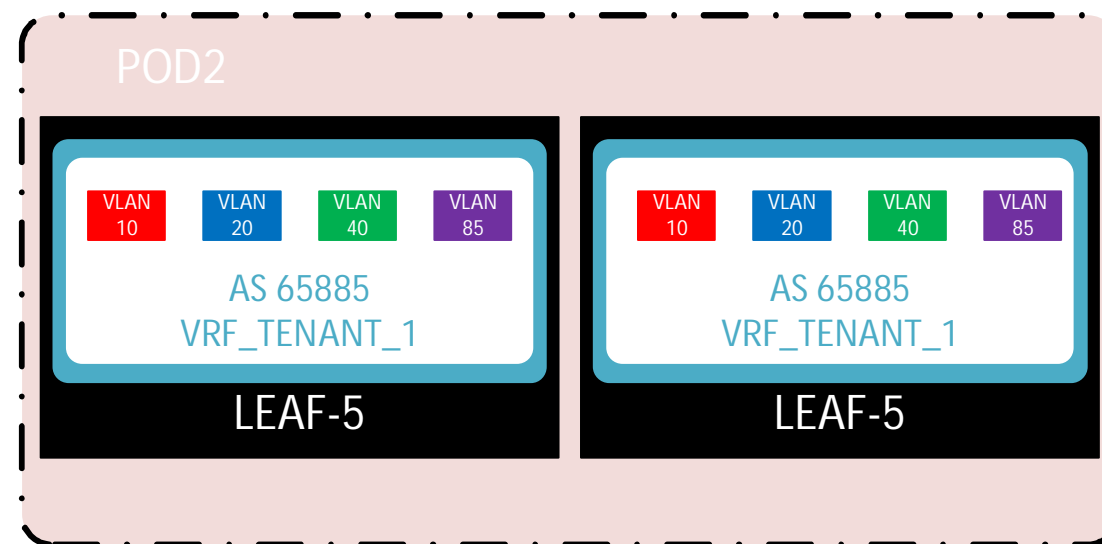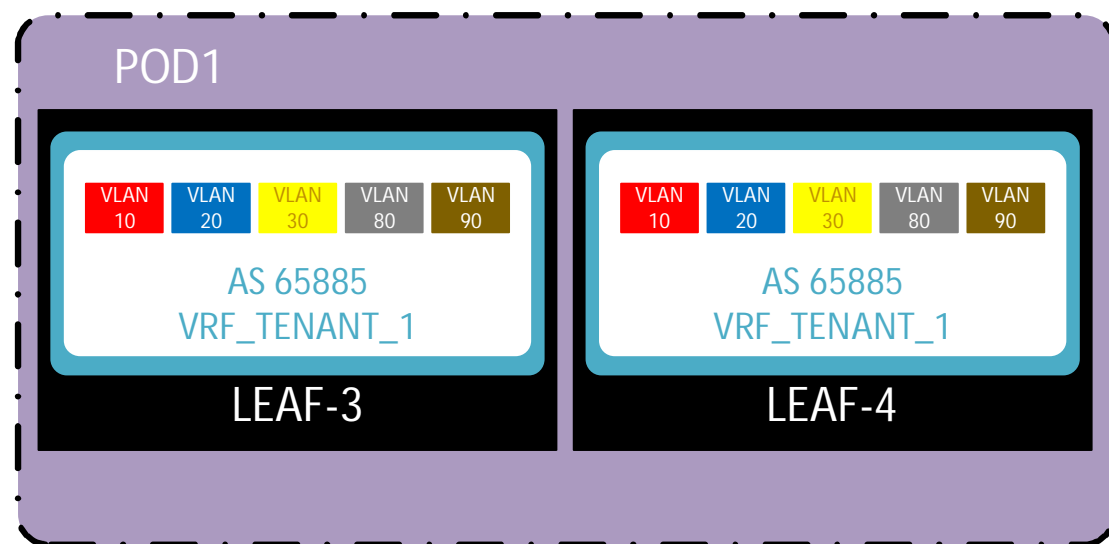# Inter-VRF (Inter and Intra-subnet

L3 security insertion (Inter-VRF, Inter-subnet)

POD1

BL-1 — SERVICE NODE
100.0.80.108/32
[learn via Type5]
AS 65885
VRF_TENANT_1

LEAF-3
100.0.80.108/32
[learn via Type5]
VRF_TENANT_1

LEAF-4
100.0.80.108/32
[learn via Data plane]
VRF_TENANT_1

xe-0/0/3.10
172.17.10.1/31

VLAN 80
H80 100.0.80..108/32

root@BL-1> root@BL-1> show route advertising-protocol bgp 172.17.10.0 | match 100.0.80
* 100.0.80.0/24   Self   I
* 100.0.80.108/32   Self   65200 I

POD2

LEAF-5
100.0.95.109/32
[learn via Type5]
VRF_TENANT_2

LEAF-6
100.0.95.109/32
[learn via Type5]
VRF_TENANT_2

BL-2 — SERVICE NODE
100.0.95.109/32
[learn via Data plane]
AS 65995
VRF_TENANT_2

xe-0/0/3.20
172.17.20.1/31

VLAN 95
H95 100.0.95.109/32

root@BL-2> root@BL-1> show route advertising-protocol bgp 172.17.20.0 | match 100.0.95
* 100.0.95.0/24   Self   I
* 100.0.95.109/32   Self   65200 I

SERVICE BLOCK (SRX)

172.17.10.[x]/31

ge-0/0/0.10
172.17.10.0/31

AS65009
inet.0

ge-0/0/1.20
172.17.20.0/31

172.17.20.[x]/31

root@SRX-B> show route table inet.0

100.0.80.0/24 > learned from BL-1 via eBGP
100.0.80.108/32 > learned from BL-1 via eBGP
100.0.95.0/24 > learned from BL-2 via eBGP
100.0.95.109/32 > learned from BL-2 via eBGP

POD1

BL-1
SERVICE NODE

0.0.0.0/0
[learn via eBGP]
AS 65885
VRF_TENANT_1

xe-0/0/3.10
172.17.10.1/31

LEAF-3
0.0.0.0/0
[learn via Type5]
VRF_TENANT_1

LEAF-4
0.0.0.0/0
[learn via Type5]
VRF_TENANT_1

POD2

LEAF-5
100.0.95.109/32
[learn via Type5]
VRF_TENANT_2

LEAF-6
100.0.95.109/32
[learn via Type5]
VRF_TENANT_2

BL-2
SERVICE NODE

100.0.95.109/32
[learn via Data plane]
AS 65995
VRF_TENANT_2

xe-0/0/3.20
172.17.20.1/31

② root@SRX-B> show route advertising-protocol bgp 172.17.10.1
Prefix   Nexthop   MED   Lclpref   AS path
* 0.0.0.0/0   Self   I

② root@SRX-B> show route advertising-protocol bgp 172.17.20.1
Prefix   Nexthop   MED   Lclpref   AS path
* 0.0.0.0/0   Self   I

172.17.10.[x]/31

ge-0/0/0.10
172.17.10.0/31

ge-0/0/1.20
172.17.20.0/31

172.17.20.[x]/31

SERVICE BLOCK (SRX)

① AS65009
inet.0

0.0.0.0/0

[Locally configured static route advertised via
export policy eBGP peers]