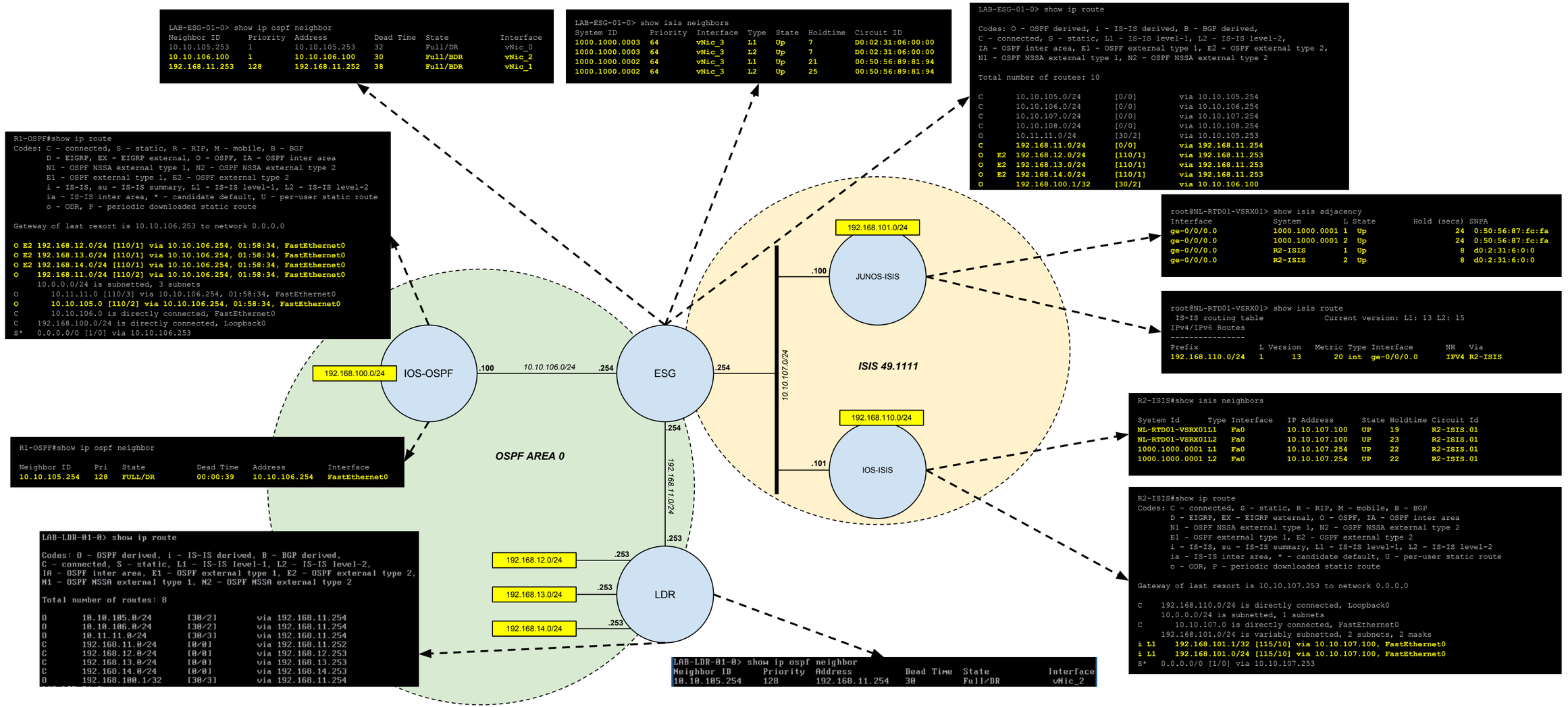
LAB-ESG-01-0> show ip ospf neighbor
Neighbor ID Priority Address Dead Time State Interface
10.10.105.253 1 10.10.105.253 32 Full/DR vNic_0
10.10.106.100 1 10.10.106.100 30 Full/BDR vNic_2
192.168.11.253 128 192.168.11.252 38 Full/BDR vNic_1
LAB-ESG-01-0> show isis neighbors
System ID Priority Interface Type State Holdtime Circuit ID
1000.1000.0003 64 vNic_3 L1 Up 7 D0:02:31:06:00:00
1000.1000.0003 64 vNic_3 L2 Up 7 D0:02:31:06:00:00
1000.1000.0002 64 vNic_3 L1 Up 21 00:50:56:89:81:94
1000.1000.0002 64 vNic_3 L2 Up 25 00:50:56:89:81:94
LAB-ESG-01-0> show ip route
Codes: O - OSPF derived, i - IS-IS derived, B - BGP derived,
C - connected, S - static, L1 - IS-IS level-1, L2 - IS-IS level-2,
IA - OSPF inter area, E1 - OSPF external type 1, E2 - OSPF external type 2,
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
Total number of routes: 10
C 10.10.105.0/24 [0/0] via 10.10.105.254
C 10.10.106.0/24 [0/0] via 10.10.106.254
C 10.10.107.0/24 [0/0] via 10.10.107.254
C 10.10.108.0/24 [0/0] via 10.10.108.254
O 10.11.11.0/24 [30/2] via 10.10.105.253
C 192.168.11.0/24 [0/0] via 192.168.11.254
O E2 192.168.12.0/24 [110/1] via 192.168.11.253
O E2 192.168.13.0/24 [110/1] via 192.168.11.253
O E2 192.168.14.0/24 [110/1] via 192.168.11.253
O 192.168.100.1/32 [30/2] via 10.10.106.100
R1-OSPF#show ip route
Codes: C - connected, S - static, R - RIP, M - mobile, B - BGP
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2
i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
ia - IS-IS inter area, * - candidate default, U - per-user static route
o - ODR, P - periodic downloaded static route
Gateway of last resort is 10.10.106.253 to network 0.0.0.0
O E2 192.168.12.0/24 [110/1] via 10.10.106.254, 01:58:34, FastEthernet0
O E2 192.168.13.0/24 [110/1] via 10.10.106.254, 01:58:34, FastEthernet0
O E2 192.168.14.0/24 [110/1] via 10.10.106.254, 01:58:34, FastEthernet0
O 192.168.11.0/24 [110/2] via 10.10.106.254, 01:58:34, FastEthernet0
10.0.0.0/24 is subnetted, 3 subnets
O 10.11.11.0 [110/3] via 10.10.106.254, 01:58:34, FastEthernet0
O 10.10.105.0 [110/2] via 10.10.106.254, 01:58:34, FastEthernet0
C 10.10.106.0 is directly connected, FastEthernet0
C 192.168.100.0/24 is directly connected, Loopback0
S* 0.0.0.0/0 [1/0] via 10.10.106.253
root@NL-RTD01-VSRX01> show isis adjacency
Interface System L State Hold (secs) SNPA
ge-0/0/0.0 1000.1000.0001 1 Up 24 0:50:56:87:fc:fa
ge-0/0/0.0 1000.1000.0001 2 Up 24 0:50:56:87:fc:fa
ge-0/0/0.0 R2-ISIS 1 Up 8 d0:2:31:6:0:0
ge-0/0/0.0 R2-ISIS 2 Up 8 d0:2:31:6:0:0
root@NL-RTD01-VSRX01> show isis route
IS-IS routing table Current version: L1: 13 L2: 15
IPv4/IPv6 Routes
Prefix L Version Metric Type Interface NH Via
192.168.110.0/24 1 13 20 int ge-0/0/0.0 IPV4 R2-ISIS
R1-OSPF#show ip ospf neighbor
Neighbor ID Pri State Dead Time Address Interface
10.10.105.254 128 FULL/DR 00:00:39 10.10.106.254 FastEthernet0
R2-ISIS#show isis neighbors
System Id Type Interface IP Address State Holdtime Circuit Id
NL-RTD01-VSRX01L1 Fa0 10.10.107.100 UP 19 R2-ISIS.01
NL-RTD01-VSRX01L2 Fa0 10.10.107.100 UP 23 R2-ISIS.01
1000.1000.0001 L1 Fa0 10.10.107.254 UP 22 R2-ISIS.01
1000.1000.0001 L2 Fa0 10.10.107.254 UP 22 R2-ISIS.01
R2-ISIS#show ip route
Codes: C - connected, S - static, R - RIP, M - mobile, B - BGP
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2
i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
ia - IS-IS inter area, * - candidate default, U - per-user static route
o - ODR, P - periodic downloaded static route
Gateway of last resort is 10.10.107.253 to network 0.0.0.0
C 192.168.110.0/24 is directly connected, Loopback0
10.0.0.0/24 is subnetted, 1 subnets
C 10.10.107.0 is directly connected, FastEthernet0
192.168.101.0/24 is variably subnetted, 2 subnets, 2 masks
i L1 192.168.101.1/32 [115/10] via 10.10.107.100, FastEthernet0
i L1 192.168.101.0/24 [115/10] via 10.10.107.100, FastEthernet0
S* 0.0.0.0/0 [1/0] via 10.10.107.253
LAB-LDR-01-0> show ip route
Codes: O - OSPF derived, i - IS-IS derived, B - BGP derived,
C - connected, S - static, L1 - IS-IS level-1, L2 - IS-IS level-2,
IA - OSPF inter area, E1 - OSPF external type 1, E2 - OSPF external type 2,
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
Total number of routes: 8
O 10.10.105.0/24 [30/2] via 192.168.11.254
O 10.10.106.0/24 [30/2] via 192.168.11.254
O 10.11.11.0/24 [30/3] via 192.168.11.254
C 192.168.11.0/24 [0/0] via 192.168.11.252
C 192.168.12.0/24 [0/0] via 192.168.12.253
C 192.168.13.0/24 [0/0] via 192.168.13.253
C 192.168.14.0/24 [0/0] via 192.168.14.253
O 192.168.100.1/32 [30/3] via 192.168.11.254
LAB-LDR-01-0> show ip ospf neighbor
Neighbor ID Priority Address Dead Time State Interface
10.10.105.254 128 192.168.11.254 30 Full/DR vNic_2
192.168.100.0/24
IOS-OSPF
.100
10.10.106.0/24
.254
ESG
.254
10.10.107.0/24
192.168.101.0/24
.100
JUNOS-ISIS
ISIS 49.1111
192.168.110.0/24
.101
IOS-ISIS
OSPF AREA 0
.254
192.168.11.0/24
.253
192.168.12.0/24
.253
192.168.13.0/24
.253
192.168.14.0/24
.253
LDR