

cisco-nexus01

```
interface Vlan2
ip address 192.168.0.20/24
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
hsrp 2
preempt
priority 105
ip 192.168.0.21
no shutdown
```

```
interface Vlan3
ip address 192.168.2.4/24
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
hsrp 3
preempt
priority 105
ip 192.168.2.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
no shutdown
```

```
interface Vlan4
ip address 192.168.4.4/24
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
hsrp 4
preempt
priority 105
ip 192.168.4.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
ip dhcp relay address 192.168.8.38
no shutdown
```

```
interface Vlan5
ip address 192.168.60.11/24
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
hsrp 5
preempt
priority 105
ip 192.168.60.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
no shutdown
```

```
interface Vlan6
ip address 192.168.61.7/24
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
hsrp 6
preempt
priority 105
ip 192.168.61.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
no shutdown
```

```
interface Vlan8
ip address 192.168.8.4/24
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
hsrp 8
preempt
priority 105
ip 192.168.8.1
no shutdown
```

```
interface Vlan10
ip address 192.168.3.38/24
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
hsrp 10
preempt
priority 105
ip 192.168.3.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
ip dhcp relay address 192.168.8.38
no shutdown
```

```
interface Vlan52
ip address 192.168.52.4/24
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
hsrp 52
preempt
priority 105
ip 192.168.52.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
no shutdown
```

cisco-nexus02

```
interface Vlan2
ip address 192.168.0.19/24
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
hsrp 2
  preempt
  ip 192.168.0.21
no shutdown

interface Vlan3
ip address 192.168.2.3/24
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
hsrp 3
  preempt
  ip 192.168.2.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
no shutdown

interface Vlan4
ip address 192.168.4.3/24
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
hsrp 4
  preempt
  ip 192.168.4.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
ip dhcp relay address 192.168.8.38
no shutdown

interface Vlan5
ip address 192.168.60.10/24
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
hsrp 5
  preempt
  ip 192.168.60.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
no shutdown

interface Vlan6
ip address 192.168.61.6/24
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
hsrp 6
  preempt
  ip 192.168.61.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
no shutdown
```

```
interface Vlan8
ip address 192.168.8.3/24
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
hsrp 8
  preempt
  ip 192.168.8.1
no shutdown

interface Vlan10
ip address 192.168.3.37/24
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
hsrp 10
  preempt
  ip 192.168.3.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
ip dhcp relay address 192.168.8.38
no shutdown

interface Vlan52
ip address 192.168.52.3/24
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
hsrp 52
  preempt
  ip 192.168.52.1
ip dhcp relay address 192.168.8.11
ip dhcp relay address 192.168.8.12
no shutdown
```

cisco-nexus01

```
router ospf 100
router-id 192.168.1.242
default-information originate
redistribute static route-map static-in-ospf
rfc1583compatibility
```

```
interface Vlan2
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan3
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan4
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan5
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan6
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan8
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan10
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan52
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
```

```
interface loopback0
ip ospf priority 100
ip router ospf 100 area 0.0.0.0
```

cisco-nexus02

```
router ospf 100
router-id 192.168.1.243
rfc1583compatibility
```

```
interface Vlan2
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan3
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan4
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan5
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan6
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan8
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan10
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
```

```
interface Vlan52
ip ospf cost 50
no ip ospf passive-interface
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
```

```
interface loopback0
ip ospf priority 90
ip router ospf 100 area 0.0.0.0
```