

```

Logical Switches Summary
-----

Overlay Kernel Entry
=====
VNI          DVS name          VIF num
67585        lab-overlay-nvds  2
67586        lab-overlay-nvds  2
67584        lab-overlay-nvds  3

Overlay LCP Entry
=====
VNI          Logical Switch UUID  Name
67584        c057bdba-b227-457f-866f-defcb46b38a4  Web-Segment
67586        cbfac38a-f82a-4e99-834e-5da8ffd46e13  DB-Segment
67585        blb7e62b-e2e5-49cd-963e-52f87db314fe  App-Segment

VLAN Backed Entry
=====
Logical Switch UUID          VLAN ID

```

ARP Table Logical Switch Web Segment

```

Logical Switch ARP Table
-----

Host Kernel Entry
=====
IP          MAC          Flags
172.16.10.254  ff:ff:ff:ff:ff:ff  0xf

LCP Entry
=====
IP          MAC
172.16.10.1  00:50:56:b5:14:5a
172.16.10.2  00:50:56:b5:89:be

```

ARP Table Logical Switch DB Segment

```

Logical Switch ARP Table
-----

Host Kernel Entry
=====
IP          MAC          Flags
172.16.30.254  ff:ff:ff:ff:ff:ff  0x7

LCP Entry
=====
IP          MAC
172.16.30.1  00:50:56:b5:b4:36

```

ARP Table Logical Switch APP Segment

```

Logical Switch ARP Table
-----
Host Kernel Entry
=====
IP                MAC                Flags
172.16.20.254    ff:ff:ff:ff:ff:ff  0x17

LCP Entry
=====
IP                MAC
172.16.20.1      00:50:56:b5:20:36

```

Get-logical routers

```

Logical Routers Summary
-----
VDR UUID          LIF num  Route num  Max Neighbors  Current Neighbors
b1020272-7ac7-4b51-9792-691a8857ca61  3        3          50000          3

```

Interfaces

```
LIF UUID      : 43ba0298-f13c-4be4-bfb2-fe3c90f77e1b
Mode          : [b'Routing']
Overlay VNI   : 67584
IP/Mask       : 172.16.10.1/24
Mac           : 02:50:56:56:44:52
Connected DVS : lab-overlay-nvds
Control plane enable : True
Replication Mode : 0.0.0.1
Multicast Routing : [b'Enabled', b'Oper Down']
State         : [b'Enabled']
Flags         : 0x80388
DHCP relay    : Not enable
DAD-mode      : ['LOOSE']
RA-mode       : ['UNKNOWN']

LIF UUID      : 154dbd04-e79a-4944-9de6-27969497ae8a
Mode          : [b'Routing']
Overlay VNI   : 67586
IP/Mask       : 172.16.30.1/24
Mac           : 02:50:56:56:44:52
Connected DVS : lab-overlay-nvds
Control plane enable : True
Replication Mode : 0.0.0.1
Multicast Routing : [b'Enabled', b'Oper Down']
State         : [b'Enabled']
Flags         : 0x80388
DHCP relay    : Not enable
DAD-mode      : ['LOOSE']
RA-mode       : ['UNKNOWN']

LIF UUID      : 4235f758-292c-490a-ad1e-18fc4366a3f8
Mode          : [b'Routing']
Overlay VNI   : 67585
IP/Mask       : 172.16.20.1/24
Mac           : 02:50:56:56:44:52
Connected DVS : lab-overlay-nvds
Control plane enable : True
Replication Mode : 0.0.0.1
Multicast Routing : [b'Enabled', b'Oper Down']
State         : [b'Enabled']
Flags         : 0x80388
DHCP relay    : Not enable
DAD-mode      : ['LOOSE']
RA-mode       : ['UNKNOWN']
```

Forwarding

Logical Routers Forwarding Table			
Network	Gateway	Type	Interface UUID
172.16.10.0/24	0.0.0.0	UCI	43ba0298-f13c-4be4-bfb2-fe3c90f77e1b
172.16.20.0/24	0.0.0.0	UCI	4235f758-292c-490a-ad1e-18fc4366a3f8
172.16.30.0/24	0.0.0.0	UCI	154dbd04-e79a-4944-9de6-27969497ae8a

Versions

VMWare ESXi 7.0.1, 16850804

NSX 3.1.0.0.17107171

nsxlab (3)		MeRef ID: dom...		3 Hosts Up					
esx1.nsxlab.ch	3dfe...a097	192.168.10.101, 192.16...	ESXi 7.0.1	Success	3.1.0.0.0.17107...	1	Not Available	192.168.10.200	Up
esx2.nsxlab.ch	cb19...1e2f	192.168.10.102, 192.16...	ESXi 7.0.1	Success	3.1.0.0.0.17107...	1	Not Available	192.168.10.201	Up
esx3.nsxlab.ch	9837...cbbc	192.168.10.103, 192.16...	ESXi 7.0.1	Success	3.1.0.0.0.17107...	1	Not Available	192.168.10.202	Up

