

```

root@network:/etc/init.d# clear

root@network:/etc/init.d# cd /etc/init.d/; for i in $( ls neutron-* ); do sudo service $i restart; done

neutron-dhcp-agent stop/waiting

neutron-dhcp-agent start/running, process 26396

neutron-l3-agent stop/waiting

neutron-l3-agent start/running, process 26409

neutron-metadata-agent stop/waiting

neutron-metadata-agent start/running, process 26421

neutron-plugin-openvswitch-agent stop/waiting

neutron-plugin-openvswitch-agent start/running, process 26430

neutron-server stop/waiting

neutron-server start/running, process 26439

root@network:/etc/init.d# neutron agent-list

```

```

root@network:/etc/init.d# echo $?

```

```

0

```

```

root@network:/etc/init.d# cd ~

```

```

root@network:~# neutron router-list

```

```

+-----+-----+-----+
| id           | name | external_gateway_info |
+-----+-----+-----+
| 9184ac94-ed1f-4e9a-8c8c-46a59429798b | router1 | {"network_id": "794427b5-0a1b-4ddb-a31a-a1536b816cb4", "enable_snat": true} |
+-----+-----+-----+

```

```

root@network:~# neutron port-list

```

```

+-----+-----+-----+
-----+
| id           | name | mac_address | fixed_ips |
|

```



```
| network_id      | 2bd98cc9-7272-4373-ad26-eb656f5c55ce |
| security_groups | 27f9b7c2-fbc7-4faf-840d-dd6fe3898012 |
| status         | DOWN |
| tenant_id      | b9c135cdadbc4426bd892e5eb5c07f4e |
+-----+-----+
```

```
root@network:~# ovs-vsctl show
```

```
7d3d6422-b107-489c-b9a3-4ec65629b6de
```

```
Bridge br-int
```

```
Port br-int
```

```
Interface br-int
```

```
type: internal
```

```
Bridge br-ex
```

```
Port br-ex
```

```
Interface br-ex
```

```
type: internal
```

```
Port "eth0"
```

```
Interface "eth0"
```

```
ovs_version: "1.10.2"
```

```
root@network:~# ip a
```

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN
```

```
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
```

```
inet 127.0.0.1/8 scope host lo
```

```
inet6 ::1/128 scope host
```

valid\_lft forever preferred\_lft forever

2: eth0: <BROADCAST,MULTICAST,PROMISC,UP,LOWER\_UP> mtu 1500 qdisc pfifo\_fast state UP qlen 1000

link/ether 00:0c:29:e1:15:8b brd ff:ff:ff:ff:ff:ff

inet6 fe80::20c:29ff:fee1:158b/64 scope link

valid\_lft forever preferred\_lft forever

3: eth1: <BROADCAST,MULTICAST,UP,LOWER\_UP> mtu 1500 qdisc pfifo\_fast state UP qlen 1000

link/ether 00:0c:29:e1:15:95 brd ff:ff:ff:ff:ff:ff

inet 192.168.10.53/24 brd 192.168.10.255 scope global eth1

inet6 fe80::20c:29ff:fee1:1595/64 scope link

valid\_lft forever preferred\_lft forever

4: eth2: <BROADCAST,MULTICAST,UP,LOWER\_UP> mtu 1500 qdisc pfifo\_fast state UP qlen 1000

link/ether 00:0c:29:e1:15:9f brd ff:ff:ff:ff:ff:ff

inet 192.168.80.131/24 brd 192.168.80.255 scope global eth2

inet6 fe80::20c:29ff:fee1:159f/64 scope link

valid\_lft forever preferred\_lft forever

5: ovs-system: <BROADCAST,MULTICAST> mtu 1500 qdisc noop state DOWN

link/ether aa:1d:e3:1d:79:02 brd ff:ff:ff:ff:ff:ff

6: br-ex: <BROADCAST,UP,LOWER\_UP> mtu 1500 qdisc noqueue state UNKNOWN

link/ether 00:0c:29:e1:15:8b brd ff:ff:ff:ff:ff:ff

inet 192.168.10.52/24 brd 192.168.10.255 scope global br-ex

inet6 fe80::6433:3dff:fe70:6934/64 scope link

valid\_lft forever preferred\_lft forever

7: br-int: <BROADCAST,UP,LOWER\_UP> mtu 1500 qdisc noqueue state UNKNOWN

link/ether 76:7c:c0:3b:72:49 brd ff:ff:ff:ff:ff:ff

inet6 fe80::4c78:51ff:fe0c:3899/64 scope link

valid\_lft forever preferred\_lft forever

```
root@network:~# ovs-ofctl show br-ex
```

```
OFPT_FEATURES_REPLY (xid=0x2): dpid:0000000c29e1158b
```

```
n_tables:254, n_buffers:256
```

```
capabilities: FLOW_STATS TABLE_STATS PORT_STATS QUEUE_STATS ARP_MATCH_IP
```

```
actions: OUTPUT SET_VLAN_VID SET_VLAN_PCP STRIP_VLAN SET_DL_SRC SET_DL_DST SET_NW_SRC  
SET_NW_DST SET_NW_TOS SET_TP_SRC SET_TP_DST ENQUEUE
```

```
1(eth0): addr:00:0c:29:e1:15:8b
```

```
config: 0
```

```
state: 0
```

```
current: 1GB-FD COPPER AUTO_NEG
```

```
advertised: 10MB-HD 10MB-FD 100MB-HD 100MB-FD 1GB-FD COPPER AUTO_NEG
```

```
supported: 10MB-HD 10MB-FD 100MB-HD 100MB-FD 1GB-FD COPPER AUTO_NEG
```

```
speed: 1000 Mbps now, 1000 Mbps max
```

```
LOCAL(br-ex): addr:00:0c:29:e1:15:8b
```

```
config: 0
```

```
state: 0
```

```
speed: 0 Mbps now, 0 Mbps max
```

```
OFPT_GET_CONFIG_REPLY (xid=0x4): frags=normal miss_send_len=0
```

```
root@network:~# ovs-ofctl show br-int
```

```
OFPT_FEATURES_REPLY (xid=0x2): dpid:0000767cc03b7249
```

```
n_tables:254, n_buffers:256
```

```
capabilities: FLOW_STATS TABLE_STATS PORT_STATS QUEUE_STATS ARP_MATCH_IP
```

```
actions: OUTPUT SET_VLAN_VID SET_VLAN_PCP STRIP_VLAN SET_DL_SRC SET_DL_DST SET_NW_SRC  
SET_NW_DST SET_NW_TOS SET_TP_SRC SET_TP_DST ENQUEUE
```

```
LOCAL(br-int): addr:76:7c:c0:3b:72:49
```

```
config: 0
```

```
state: 0
```

speed: 0 Mbps now, 0 Mbps max

OFPT\_GET\_CONFIG\_REPLY (xid=0x4): frags=normal miss\_send\_len=0