

**kolla-ansible Network QoS** ..... 3  
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# kolla-ansible Network QoS

## configuration

globals.yml

```
enable_neutron_qos: "yes"
```

ml2\_conf.ini extension\_drivers qos 가

```
[ml2]
extension_drivers = port_security,qos
```

/ .

## QoS

QoS .

```
$ openstack network qos policy list
```

myproject bw-limiter QoS .

```
openstack network qos policy create --share --project myproject bw-limiter
```

```
QoS .
50000 kbps
. ingress egress In/Out bw-limiter
```

```
QoS / Horizon 가 .
Horizon
. 2024-01-12 (Zed) </WRAP>
```



```
$ openstack network qos rule create --type
bandwidth-limit \
--max-kbps 50000 --max-burst-kbits 50000 --
```

```
ingress bw-limiter

$ openstack network qos rule create --type
bandwidth-limit \
--max-kbps 50000 --max-burst-kbits 50000 --
egress bw-limiter
```

```
$ openstack port create --qos-policy bw-
limiter --network vmnet0 port2
```

```
$ openstack port set --qos-policy bw-limiter
port1
```



```
$ openstack network qos policy show bw-
limiter
```

```
+-----+-----+
| Field          | Value
|
+-----+-----+
| description    |
| id             | 8491547e-add1-4c6c-
a50e-42121237256c
| is_default     | False
| name           | bw-limiter
| project_id     |
98a2f53c20ce4d50a40dac4a38016c69
| revision_number | 4
| rules          | [{u'max_kbps': 50000,
u'direction': u'egress',
|
|                | u'type':
```

```

u'bandwidth_limit',
|
|           | u'id': u'0db48906-
a762-4d32-8694-3f65214c34a6',
|
|           | u'max_burst_kbps':
50000,
|
|           | u'qos_policy_id':
u'8491547e-add1-4c6c-a50e-42121237256c'},
|
|           | [{u'max_kbps': 50000,
u'direction': u'ingress',
|           | u'type':
u'bandwidth_limit',
|
|           | u'id': u'faabef24-
e23a-4fdf-8e92-f8cb66998834',
|
|           | u'max_burst_kbps':
50000,
|
|           | u'qos_policy_id':
u'8491547e-add1-4c6c-a50e-42121237256c'}]
| shared | False
+-----+-----+
-----+

```



```

$ openstack port show port1

+-----+-----+
-----+
| Field                | Value
|
+-----+-----+
-----+
| admin_state_up      | UP
|
| allowed_address_pairs |
ip_address='192.0.2.128',
mac_address='fa:16:3e:e1:eb:73'
| binding_host_id     |
compute-2.redhat.local
|

```



```
| binding_profile          |
| binding_vif_details     |
port_filter='True'
| binding_vif_type        | ovs
| binding_vnic_type       | normal
| created_at              |
2022-07-04T19:07:56
| data_plane_status       | None
| description             |
| device_id               |
53abd2c4-955d-4b44-b6ad-f106e3f15df0
| device_owner            | compute:nova
| dns_assignment          |
fqdn='host-192-0-2-213.openstacklocal.',
hostname='my-host3',
| ip_address='192.0.2.213'
| dns_domain              | None
| dns_name                |
| extra_dhcp_opts         |
| fixed_ips               |
ip_address='192.0.2..213',
subnet_id='641d1db2-3b40-437b-b87b-63 |
|                          | 079a7063ca'
|
| ip_address='2001:db8:0:f868:f816:3eff:fee1:eb
73', subnet_id='c7ed0 |
|                          | 70a-d2ee-4380-
baab-6978932a7dcc'
|
| id                      |
56x9aiw1-2v74-144x-c2q8-ed8w423a6s12
|
| location                | cloud='',
project.domain_id=, project.domain_name=,
project.id='7c |
```

```

|
| b99d752fdb4944a2208ec9ee019226',
| project.name=, region_name='regio |
|                               | none', zone=
|
| mac_address                   | fa:16:3e:e1:eb:73
|
| name                           | port2
|
| network_id                     |
| 55dc2f70-0f92-4002-b343-ca34277b0234
|
| port_security_enabled         | True
|
| project_id                     |
| 98a2f53c20ce4d50a40dac4a38016c69
|
| propagate_uplink_status      | None
|
| qos_policy_id                 | 8491547e-
| add1-4c6c-a50e-42121237256c
|
| resource_request              | None
|
| revision_number               | 6
|
| security_group_ids            | 4cdeb836-
| b5fd-441e-bd01-498d758704fd
|
| status                         | ACTIVE
|
| tags                           |
|
| trunk_details                 | None
|
| updated_at                    |
| 2022-07-04T19:11:41Z
|
+-----+
-----+
-----+

```



==== = \*  
<https://docs.openstack.org/neutron/latest/configuration/ml2-conf.html> \*  
[https://access.redhat.com/documentation/ko-kr/red\\_hat\\_openshift\\_platform/16.1/html/networking\\_guide/bandwidth-limit\\_config-qos-policies](https://access.redhat.com/documentation/ko-kr/red_hat_openshift_platform/16.1/html/networking_guide/bandwidth-limit_config-qos-policies)

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