

Cloud Computing

Openstack Network Agent down karena versi OVN tidak sama

Symptom

- Error: Unable to attach interface. Details
Unexpected API Error. Please report this at <http://bugs.launchpad.net/nova/> and attach the Nova API log if possible. <class 'nova.exception_Remote.PortBindingFailed_Remote'> (HTTP 500) (Request-ID: req-cd901d79-6964-41f4-bd22-836f5397ac25)

Reference

- Do not set `ovn-match-northd-version` to true by default.
- This was introduced in commit `ec21edf4d9d548c766dbe4ba9adfb045d0176bf4` when `ovn-controllers` were not updated before `northdb`.
- Now, `ovn-controller` are updated first so the "Fail-safe upgrade" procedure[1] should not be used by default anymore.
- Closes-Bug: #2007870
- <https://docs.ovn.org/en/latest/intro/install/ovn-upgrades.html#fail-safe-upgrade>

Check pada master status network agent

\$ openstack network agent list

ID	Agent Type	Host	Availability Zone	Alive	State	Binary
node03.maas	OVN Controller agent	node03.maas		XXX	UP	ovn-controller
df0ec4c1-7128-5b2a-b6b9-f4e6f4bf7dcc	OVN Metadata agent	node03.maas		XXX	UP	neutron-ovn-metadata-agent
node01.maas	OVN Controller agent	node01.maas		XXX	UP	ovn-controller
cf3c4a72-b441-5429-a44b-338fee76425b	OVN Metadata agent	node01.maas		XXX	UP	neutron-ovn-metadata-agent
node04.maas	OVN Controller agent	node04.maas		XXX	UP	ovn-controller
73943c43-c29d-58bb-8453-c7c31faa2729	OVN Metadata agent	node04.maas		XXX	UP	neutron-ovn-metadata-agent
node02.maas	OVN Controller agent	node02.maas		XXX	UP	ovn-controller
f22838d0-1de1-5573-b39f-9ecd0ed93738	OVN Metadata agent	node02.maas		XXX	UP	neutron-ovn-metadata-agent
node07.maas	OVN Controller agent	node07.maas		::)	UP	ovn-controller
4db952de-360f-5e34-af3e-421bc04e7b26	OVN Metadata agent	node07.maas		::)	UP	neutron-ovn-metadata-agent
node06.maas	OVN Controller agent	node06.maas		::)	UP	ovn-controller
9ce7344b-4340-50aa-8fb6-d13493b0cc9c	OVN Metadata agent	node06.maas		::)	UP	neutron-ovn-metadata-agent

Contoh hasil command diatas

Lihat ID Agent dengan status Alive **XXX**

Setelah itu masuk ke network agent dengan status **XXX** tersebut, pada tulisan ini misal

```
$ juju ssh 1
```

```
#1 adalah ID Mesin network agent
```

setelah masuk, untuk ignore check version ketikkan command berikut

```
$ sudo ovs-vsctl set open . external_ids:ovn-match-northd-version="false"
```

Kemudian restart service

```
$ sudo systemctl restart neutron-ovn-metadata-agent.service
```

```
$ sudo systemctl restart ovn-controller.service
```

Untuk melihat service yang running di linux

```
$ systemctl list-units --type=service | grep ovn
```

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ID	Agent Type	Host	Availability Zone	Alive	State	Binary
df0ec4c1-7128-5b2a-b6b9-f4e6f4bf7dcc	OVN Metadata agent	node03.maas		: -)	UP	neutron-ovn-metadata-agent
node03.maas	OVN Controller agent	node03.maas		: -)	UP	ovn-controller
cf3c4a72-b441-5429-a44b-338fee76425b	OVN Metadata agent	node01.maas		: -)	UP	neutron-ovn-metadata-agent
node01.maas	OVN Controller agent	node01.maas		: -)	UP	ovn-controller
73943c43-c29d-58bb-8453-c7c31faa2729	OVN Metadata agent	node04.maas		: -)	UP	neutron-ovn-metadata-agent
node04.maas	OVN Controller agent	node04.maas		: -)	UP	ovn-controller
f22838d0-1de1-5573-b39f-9ecd0ed93738	OVN Metadata agent	node02.maas		: -)	UP	neutron-ovn-metadata-agent
node02.maas	OVN Controller agent	node02.maas		: -)	UP	ovn-controller
4db952de-360f-5e34-af3e-421bc04e7b26	OVN Metadata agent	node07.maas		: -)	UP	neutron-ovn-metadata-agent
node07.maas	OVN Controller agent	node07.maas		: -)	UP	ovn-controller
9ce7344b-4340-50aa-8fb6-d13493b0cc9c	OVN Metadata agent	node06.maas		: -)	UP	neutron-ovn-metadata-agent
node06.maas	OVN Controller agent	node06.maas		: -)	UP	ovn-controller

Unique solution ID: #1005

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