brant

2017-08-14始 周记录

Deploy OPNFV-APEX in Current Environment

```
opnfv-clean
cd /etc/opnfv-apex
# You'd better deploy it in screen :)
screen -S xxx
# choice 1
opnfv-deploy -v --virtual-cpus 8 --virtual-default-ram 16 -n
network_settings.yaml -d os-nosdn-nofeature-ha.yaml --debug > apex.log
# choice 2 (original)
opnfv-deploy -v -n network_settings.yaml -d os-nosdn-nofeature-ha.yaml --debug
> apex.log
# choice 3
opnfv-deploy -v --virtual-cpus 8 --virtual-computes 4 --virtual-compute-ram 8
-n network_settings.yaml -d os-nosdn-nofeature-noha.yaml --debug > apex.log
```

Nova Service Force Down

```
# unset down
nova service-force-down --unset overcloud-novacompute-2.opnfvlf.org nova-
compute
# set down
nova service-force-down --set overcloud-novacompute-2.opnfvlf.org nova-compute
```

Aodh Alarm in Use

```
aodh alarm create --name test_alarm --type event --alarm-action
"http://127.0.0.1:12346/failure" --repeat-actions true --event-type
compute.instance.update --query "traits.state=string:error"
```

Use `consumer.py` for test:

http://docs.opnfv.org/en/stable-danube/submodules/doctor/docs/release/userguide/feature.userguide.html#immediate-notification

Note that your DIY server should be on the controller node (e.g. you can `python myserver.py 0.0.0.0 12346`). You'd better do not put it on undercloud or compute nodes.

OpenStack Learning Notes

NEUTRON

goal: NaaS (Networking as a Service)

based on: SDN

Functions: Switch/Route/VPN/Load balance/Firewall/...

Functest ClearWater Notes

```
# firstly you should increase the limit of security group
## on controller
vim /etc/neutron/neutron.conf
## change security group to 50
## change securitpy group rules to 500
# then do in docker
docker pull opnfv/functest:danube.2.0
docker run -itd --privileged -v /var/run/docker.sock:/var/run/docker.sock --
name functest opnfv/functest:danube.2.0
docker exec -it functest bash
## copy overcloudrc to /home/opnfv/functest/conf/openstack.creds
vi /home/opnfv/functest/conf/openstack.creds
functest env prepare
functest testcase run cloudify_ims
## it may fail, then in the docker follow the error prompts
## remember to modify the inputs.yaml to your current openstack configuration
```