# 1 Environment config

## cinder.conf

[root@node01 ~]# cat /etc/kolla/cinder-volume/cinder.conf

[DEFAULT]

。。。。。。。

enabled\_backends = rbd-1

。。。。。。。。

[rbd-1]

rbd\_ceph\_conf = /etc/ceph/ceph.conf

#rbd\_user = admin

backend\_host = rbd:volumes

rbd\_pool = volumes

volume\_backend\_name = rbd-1

volume\_driver = cinder.volume.drivers.rbd.RBDDriver

#rbd\_secret\_uuid = 8f6ad9e0-719d-4101-a432-f3e7f04852e5

#[lvm-1]

#volume\_group = cinder-volumes

#volume\_driver = cinder.volume.drivers.lvm.LVMVolumeDriver

#volume\_backend\_name = lvm-1

#iscsi\_helper = tgtadm

#iscsi\_protocol = iscsi

## 2. nova.conf

[root@node01 ~]# cat /etc/kolla/nova-compute/nova.conf

[DEFAULT]

。。。。。。。

[libvirt]

connection\_uri = 。。。

inject\_passwoed = true

inject\_partition = -1

#rbd\_secret\_uuid = 36941069-a4e5-43fa-a4c5-423b8a10eb8f

images\_rbd\_pool = vms

images\_type = rbd

images\_rbd\_ceph\_conf = /etc/ceph/ceph.conf

。。。。。。

## ceph.conf

The config in docker of cinder\_volume and nova\_compute and glance\_api.

[root@node01 ~]# docker exec -ti -u root cinder\_volume bash

(cinder-volume)[root@node01 /]# cat /etc/ceph/ceph.conf

[global]

fsid = fe234852-de48-3efc-9879-bf59ebdf4b5a

mon initial members = node01,node02,node03

mon host = 192.168.2.180,192.168.2.181,192.168.2.183

auth service required = cephx

auth cluster required = cephx

auth client required = cephx

auth supported = none

rbd default format = 2

rbd default features = 1

osd pool default size = 2

# 2 Process description

1. Create a bootable volume.



1. Use this volume, lanch a instance.



1. Use this instance, to “Create Snapshot”, then go to images



The vm’s snapshot is 0 bytes. You can use this image(or snapshot) to create a instance or volume, it will be failed.

ERROR:

1. Use this 0 bytes image(or snapshot) to lanch a instance failed.









1. Use this 0 bytes image(or snapshot) to create a volume failed.



LOG:

