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```
(overcloud) [stack@director ~]$  openstack server list
+--------------------------------------+---------+---------+----------------
----+-------+--------+
| ID                                   | Name    | Status  | Networks
| Image | Flavor |
+--------------------------------------+---------+---------+----------------
----+-------+--------+
| cda76fc8-d0ad-457b-9541-b118008aeafd | testvm1 | SHUTOFF |
public=10.33.6.153 |       |        |
+--------------------------------------+---------+---------+----------------
----+-------+--------+
(overcloud) [stack@director ~]$ openstack volume list
+--------------------------------------+------+--------+------+-------------
--------------------+
| ID                                   | Name | Status | Size | Attached to
|
+--------------------------------------+------+--------+------+-------------
--------------------+
| 16fff669-a8c9-46ad-be4a-2fab5bf0277a |      | in-use |   30 | Attached to
testvm1 on /dev/vda   |
+--------------------------------------+------+--------+------+-------------
--------------------+
(overcloud) [stack@director ~]$ openstack volume snapshot list


(overcloud) [stack@director ~]$ openstack volume snapshot create --volume
16fff669-a8c9-46ad-be4a-2fab5bf0277a --force testvm1-snap1
+-------------+--------------------------------------+
| Field       | Value                                |
+-------------+--------------------------------------+
| created_at  | 2024-11-22T02:24:40.626960           |
| description | None                                 |
| id          | 0179f1c9-2e43-4da5-ac54-e8642a2256f9 |
```

```
| name        | testvm1-snap1                        |
| properties  |                                      |
| size        | 30                                   |
| status      | creating                             |
| updated_at  | None                                 |
| volume_id   | 16fff669-a8c9-46ad-be4a-2fab5bf0277a |
+-------------+--------------------------------------+

(overcloud) [stack@director ~]$ openstack volume snapshot list
+--------------------------------------+---------------+-------------+------
-----+------+
| ID                                   | Name          | Description |
Status   | Size |
+--------------------------------------+---------------+-------------+------
-----+------+
| 0179f1c9-2e43-4da5-ac54-e8642a2256f9 | testvm1-snap1 | None        |
available |   30 |
+--------------------------------------+---------------+-------------+------
-----+------+
```

In-use   --force   .

                                        .   .
                        .


```
(overcloud) [stack@director ~]$ openstack volume create --snapshot
0179f1c9-2e43-4da5-ac54-e8642a2256f9 testvm1-vol1
+---------------------+--------------------------------------+
| Field               | Value                                |
+---------------------+--------------------------------------+
| attachments         | []                                   |
| availability_zone   | nova                                 |
| bootable            | true                                 |
| consistencygroup_id | None                                 |
| created_at          | 2024-11-22T02:27:39.000000           |
| description         | None                                 |
| encrypted           | False                                |
| id                  | 46d7863c-c7c7-48ed-82dd-dbb91f1d6308 |
| migration_status    | None                                 |
| multiattach         | False                                |
| name                | testvm1-vol1                         |
```

```
| properties          |                                       |
| replication_status  | None                                  |
| size                | 30                                    |
| snapshot_id         | 0179f1c9-2e43-4da5-ac54-e8642a2256f9  |
| source_volid        | None                                  |
| status              | creating                              |
| type                | tripleo                               |
| updated_at          | None                                  |
| user_id             | d9eaca4fa12844afb8b701100a2a23b6      |
+---------------------+---------------------------------------+

(overcloud) [stack@director ~]$ openstack volume list
+--------------------------------------+-------------+-----------+------+--
------------------------------+
| ID                                   | Name        | Status    | Size |
Attached to                   |
+--------------------------------------+-------------+-----------+------+--
------------------------------+
| 46d7863c-c7c7-48ed-82dd-dbb91f1d6308 | testvm1-vol1 | available |  30 |
|
| 16fff669-a8c9-46ad-be4a-2fab5bf0277a |             | in-use    |  30 |
Attached to testvm1 on /dev/vda   |
+--------------------------------------+-------------+-----------+------+--
------------------------------+
```

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```
(overcloud) [stack@director ~]$ openstack image create --disk-format qcow2 -
-container-format bare --volume 46d7863c-c7c7-48ed-82dd-dbb91f1d6308
testvm1-image
+---------------------+---------------------------------------+
| Field               | Value                                 |
+---------------------+---------------------------------------+
| container_format    | bare                                  |
| disk_format         | qcow2                                 |
| display_description | None                                  |
| id                  | 46d7863c-c7c7-48ed-82dd-dbb91f1d6308  |
| image_id            | 136edb25-a8ba-409d-8bb3-fcd6026bcec8  |
| image_name          | testvm1-image                         |
| protected           | False                                 |
| size                | 30                                    |
| status              | uploading                             |
| updated_at          | 2024-11-22T02:27:40.000000            |
| visibility          | shared                                |
| volume_type         | tripleo                               |
+---------------------+---------------------------------------+
```

```
(overcloud) [stack@director ~]$ openstack image list
+--------------------------------------+------------------------------------
----+--------+
| ID                                   | Name
| Status |
+--------------------------------------+------------------------------------
----+--------+
| 6e4cab50-b174-4935-9447-4bd3db90f0a0 | RHEL8.4
| active |
| 7ca8aea8-4d5f-47a0-b5b6-9d43957691e4 | RHEL8.9
| active |
| fb8e8cee-693b-4aa2-b9a5-6f956939f874 | cirros
| active |
| 73917d69-2698-43f3-b2da-e03aa05e5dc5 | octavia-
amphora-16.2-20211112.1.x86_64 | active |
| 136edb25-a8ba-409d-8bb3-fcd6026bcec8 | testvm1-image
| active |
+--------------------------------------+------------------------------------
----+--------+
```

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```
(overcloud) [stack@director ~]$ openstack image save --file testvm1-
image.qcow2 136edb25-a8ba-409d-8bb3-fcd6026bcec8

(overcloud) [stack@director ~]$ ll -sh
total 953M
951M -rw-rw-r--.  1 stack stack 951M Nov 22 11:34 testvm1-image.qcow2
```