**Test case**: RHELOSP-27529 test_manila_api_service_survives_loss_of_one_service

**Steps:**
1. Disable one of the Manila API services on a controller node. This is most easily accomplished by either suspending or shutting off a controller node that is running an instance of the Manila API service.
Expected Result:
One of the Manila API services shall be disabled.

2. Issue a "manila list" command on the undercloud nod and ensure that the command completes successfully.
Expected Result: The "manila list" command shall complete successfully.

**Failure:** Manila API service not failing over to active controller node

**Test Setup:** CephFS-Ganesha, OVN-Geneve, 2*compute, 3*controller, 3*ceph

**\*\*Sceen captures**
(overcloud) [stack@undercloud-0 ~]$ **manila list**
```
+----+------+------+-------------+--------+-----------+----------------+------+------------------+
| ID | Name | Size | Share Proto | Status | Is Public | Share Type Name | Host | Availability Zone |
+----+------+------+-------------+--------+-----------+----------------+------+------------------+
+----+------+------+-------------+--------+-----------+----------------+------+------------------+
```

(undercloud) [stack@undercloud-0 ~]$ **openstack server list**
```
+--------------------------------------+------------+--------+----------------------+--------------+------------+
| ID                                   | Name       | Status | Networks             | Image        | Flavor     |
+--------------------------------------+------------+--------+----------------------+--------------+------------+
| 07939ab7-737d-48f7-a9ae-c7a36bb21912 | ceph-1     | ACTIVE | ctlplane=192.168.24.18 | overcloud-full | ceph     |
| 0eaa966e-4291-4988-8050-3d5c2023f7ec | ceph-2     | ACTIVE | ctlplane=192.168.24.13 | overcloud-full | ceph     |
| 91d0a02d-8dae-4685-9a6a-93c4fabb9733 | controller-1 | ACTIVE | ctlplane=192.168.24.12 | overcloud-full | controller |
| 31a89f78-c01e-4655-bee2-d192be27e710 | controller-2 | ACTIVE | ctlplane=192.168.24.7  | overcloud-full | controller |
| 400294ab-c50d-42ff-9e31-abe2a83ef3da | controller-0 | ACTIVE | ctlplane=192.168.24.10 | overcloud-full | controller |
| b4b764bc-64e9-4fce-9b6b-b91e74742c6c | ceph-0     | ACTIVE | ctlplane=192.168.24.6  | overcloud-full | ceph     |
| c96718ec-e068-48c6-9d70-d1b5a6cf367d | compute-1  | ACTIVE | ctlplane=192.168.24.20 | overcloud-full | compute  |
| 538e0d55-be4e-4fa6-bfa8-8e55cd79be64 | compute-0  | ACTIVE | ctlplane=192.168.24.11 | overcloud-full | compute  |
+--------------------------------------+------------+--------+----------------------+--------------+------------+
```

#Show manila service on controller-2
[heat-admin@controller-2 ~]$ **sudo podman ps | grep manila**

381f40d2d1aa  192.168.24.1:8787/rhosp15/openstack-manila-scheduler:20190520.1      dumb-init
--singl...  7 days ago  Up 2 hours ago      manila_scheduler
335f9b9831ff  192.168.24.1:8787/rhosp15/openstack-manila-api:20190520.1      dumb-init
--singl...  7 days ago  Up 2 hours ago      manila_api

#login to controller-2
(undercloud) [stack@undercloud-0 ~]$ **ssh heat-admin@192.168.24.7**
Warning: Permanently added '192.168.24.7' (ECDSA) to the list of known hosts.
Last login: Thu May 30 13:11:38 2019 from 192.168.24.1
[heat-admin@controller-2 ~]$ sudo -i
[root@controller-2 ~]# sudo
Broadcast message from systemd-journald@controller-2 (Thu 2019-05-30 13:38:07 UTC):
haproxy[10883]: proxy mysql has no server available!
Broadcast message from systemd-journald@controller-2 (Thu 2019-05-30 13:38:08 UTC):
**haproxy[10883]: proxy redis has no server available!**
**shutdown now**
**Connection to 192.168.24.7 closed by remote host.**
**Connection to 192.168.24.7 closed.**

#attempt to ssh to controller-2
(undercloud) [stack@undercloud-0 ~]$ **ssh heat-admin@192.168.24.7**
ssh: connect to host 192.168.24.7 port 22: Connection refused

#verfication step 1: 'manila list' fails from undercloud
(undercloud) [stack@undercloud-0 ~]$ **manila list**
**/usr/lib/python3.6/site-packages/urllib3/connection.py:374: SubjectAltNameWarning: Certificate**
**for 192.168.24.2 has no `subjectAltName`, falling back to check for a `commonName` for now.**
**This feature is being removed by major browsers and deprecated by RFC 2818. ssues/497 for**
**details.)/shazow/urllib3/ii**
  **SubjectAltNameWarning**
**ERROR: Could not find Manila endpoint in catalog**

#verification step 2: 'manila list' fails from overcloud
(undercloud) [stack@undercloud-0 ~]$ **. overcloudrc**
(overcloud) [stack@undercloud-0 ~]$ **manila list**
**ERROR: Authorization failed: Internal Server Error (HTTP 500)**

#manila share did not fail over, and is in stopped state when queried from contorller-1
**[root@controller-0 ~]# pcs status | grep manila**
 podman container: openstack-manila-share [192.168.24.1:8787/rhosp15/openstack-manila-
share:pcmklatest]
  **openstack-manila-share-podman-0      (ocf::heartbeat:podman):      Stopped**
[root@controller-0 ~]#