

- 6. Stop the OSD daemon associated with the `/dev/vde` device on `servere` and remove it. Verify the removal process ends correctly. Zap the `/dev/vde` device on `servere`. Verify that the Orchestrator service then re-adds the OSD daemon correctly.

**Note**

It is expected that the OSD ID might be different in your lab environment. Review the output of the `ceph device ls | grep 'servere.lab.example.com:vde'` and use the ID to perform the next steps.

- 6.1. Stop the OSD daemon associated with the `/dev/vde` device on `servere.lab.example.com` and remove it.

```
[ceph: root@clienta /]# ceph device ls | grep 'servere.lab.example.com:vde'
2aa9ab0c-9d12-4c03-b servere.lab.example.com:vde osd.ID
[ceph: root@clienta /]# ceph orch daemon stop osd.ID
Scheduled to stop osd.ID on host 'servere.lab.example.com'
[ceph: root@clienta /]# ceph orch daemon rm osd.ID --force
Scheduled OSD(s) for removal
[ceph: root@clienta /]# ceph osd rm ID
removed osd.ID
[ceph: root@clienta /]# ceph orch osd rm status
```

OSD_ID	HOST	STATE	PG_COUNT	REPLACE	FORCE
		DRAIN_STARTED_AT			
ID	servere.lab.example.com	done, waiting for purge	0	False	False
None					

- 6.2. Verify that the removal process ends correctly.

```
[ceph: root@clienta /]# ceph orch osd rm status
No OSD remove/replace operations reported
```

- 6.3. Zap the `/dev/vde` device on `servere`. Verify that the Orchestrator service re-adds the OSD daemon correctly.

```
[ceph: root@clienta /]# ceph orch device zap --force \
servere.lab.example.com /dev/vde
[ceph: root@clienta /]# ceph orch device ls | awk /servere/
```

servere.lab.example.com	/dev/vdb	hdd	50a...56b-8	10.7G	Unknown	N/A	N/A	No
servere.lab.example.com	/dev/vdc	hdd	eb7...5a6-9	10.7G	Unknown	N/A	N/A	No
servere.lab.example.com	/dev/vdd	hdd	407...56f-a	10.7G	Unknown	N/A	N/A	No
servere.lab.example.com	/dev/vde	hdd	2aa...c03-b	10.7G	Unknown	N/A	N/A	Yes
servere.lab.example.com	/dev/vdf	hdd	41c...794-b	10.7G	Unknown	N/A	N/A	No

```
[ceph: root@clienta /]# ceph orch device ls | awk /servere/
```

servere.lab.example.com	/dev/vdb	hdd	50a...56b-8	10.7G	Unknown	N/A	N/A	No
servere.lab.example.com	/dev/vdc	hdd	eb7...5a6-9	10.7G	Unknown	N/A	N/A	No
servere.lab.example.com	/dev/vdd	hdd	407...56f-a	10.7G	Unknown	N/A	N/A	No
servere.lab.example.com	/dev/vde	hdd	2aa...c03-b	10.7G	Unknown	N/A	N/A	No
servere.lab.example.com	/dev/vdf	hdd	41c...794-b	10.7G	Unknown	N/A	N/A	No

```
[ceph: root@clienta /]# ceph device ls | grep 'servere.lab.example.com:vde'
osd.ID
[ceph: root@clienta /]# ceph orch ps | grep osd.ID
osd.ID servere.lab.example.com running (76s) 66s ago 76s ...
```