▶ Guided Exercise

Deploying an Object Storage Gateway

In this exercise, you will deploy a RADOS Gateway and verify client access.

Outcomes
You should be able to deploy a Ceph RADOS Gateway by using the Ceph orchestrator.

Before You Begin
As the student user on the workstation machine, use the lab command to prepare your system for this exercise.

```
[student@workstation ~]$ lab start object-radosgw
```

This command confirms that the hosts required for this exercise are accessible.

Instructions

▶ 1. Log in to clienta as the admin user and use sudo to run the cephadm shell. Verify the health of the cluster.

```
[student@workstation ~]$ ssh admin@clienta
[admin@clienta ~]$ sudo cephadm shell
[ceph: root@clienta /]# ceph health
HEALTH_OK
```

▶ 2. View the cluster services. Verify that there are no rgw services running.

```
[ceph: root@clienta /]# ceph orch ls
NAME                      RUNNING  REFRESHED  AGE  PLACEMENT
alertmanager              1/1      92s ago    2d   count:1
crash                     4/4      4m ago     2d   *
grafana                   1/1      92s ago    2d   count:1
mgr                       4/4      4m ago     2d   ...;servere.lab.example.com
mon                       4/4      4m ago     2d   ...;servere.lab.example.com
node-exporter             4/4      4m ago     2d   *
osd.default_drive_group   9/12     93s ago    2d   server*
prometheus                1/1      92s ago    2d   count:1
[ceph: root@clienta /]# ceph orch ls --service-type rgw
No services reported
```