

► Guided Exercise

Providing Object Storage Using the Amazon S3 API

In this exercise, you will configure the RADOS Gateway and access the gateway using the Amazon S3 API.

Outcomes

You should be able to configure the Ceph Object Gateway to allow access to Ceph object storage via the Amazon S3 API.

Before You Begin

```
[student@workstation ~]$ lab start api-s3
```

Instructions

- 1. Log in to `clienta` as the admin user.

```
[student@workstation ~]$ ssh admin@clienta
[admin@clienta ~]$
```

- 2. Create an Amazon S3 API user called `operator`. Use `12345` as the S3 access key and `67890` as the secret key.

```
[admin@clienta ~]$ sudo cephadm shell -- radosgw-admin user create \
--uid="operator" --display-name="S3 Operator" --email="operator@example.com" \
--access_key="12345" --secret="67890"
{
  "user_id": "operator",
  "display_name": "S3 Operator",
  "email": "operator@example.com",
  "suspended": 0,
  "max_buckets": 1000,
  "subusers": [],
  "keys": [
    {
      "user": "operator",
      "access_key": "12345",
      "secret_key": "67890"
    }
  ],
  "swift_keys": [],
  "caps": [],
  "op_mask": "read, write, delete",
  ...output omitted...
```