How to create S3 buckets in Morpheus

When storing data, it is often good practice to keep it separately from VMs. Object storage buckets are non-volatile storage locations which live independently from VMs.

Step-by-step guide

1. Navigate to **Cypher** from Morpheus (*Tools Cypher).*
2. Note down your **Bucket Access Key** and **Bucket Secret key**
3. Navigate to **Storage** (*Infrastructure Storage).*
4. Click + *Add* and choose a name for your bucket. Fill in the Access Key and Secret Key fields with the keys located in Cypher.
    a. The EUMETSAT endpoint is https://s3.waw3-1.cloudferro.com.
    b. The ECMWF endpoint are:
        - CCI1 cluster : https://object-store.os-api.cci1.ecmwf.int
        - CCI2 cluster : https://object-store.os-api.cci2.ecmwf.int
5. **For ECMWF** : check the option "USE PATH STYLE BUCKET ACCESS"

NEW BUCKET

NAME | MyBucket

ACCESS KEY | ████████████

SECRET KEY | ██████████

BUCKET NAME | MyBucket

☑ CREATE BUCKET

☐ USE PATH STYLE BUCKET ACCESS

REGION | Select ⌄

ENDPOINT URL | https://s3.waw3-1.cloudferro.com

Optional endpoint URL if pointing to an object store other than amazon that mimics the Amazon S3 APIs.

☑ ACTIVE

☐ DEFAULT BACKUP TARGET

☐ DEFAULT DEPLOYMENT ARCHIVE TARGET

☐ DEFAULT VIRTUAL IMAGE STORE

Retention

RETENTION | None ⌄

POLICY

SAVE CHANGES

5. Hit **Save Changes.** Now your bucket should spawn. For more info on how to access buckets, see related articles.

Related articles

- Add your SSH key pair
- s3 using Python libraries
- Provision a new instance - web
- How to create S3 buckets in Morpheus
- Object storage: How to use s3cmd and s3fs