

# 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

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NAME

ACCESS KEY

SECRET KEY

BUCKET NAME

☒ CREATE BUCKET

☐ USE PATH STYLE BUCKET ACCESS

REGION

ENDPOINT URL

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

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RETENTION

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 to Morpheus](#)
- [Adding extra disk storage to your instances](#)
- [s3 using Python libraries](#)
- [Provision a new instance - web](#)
- [How to create S3 buckets in Morpheus](#)