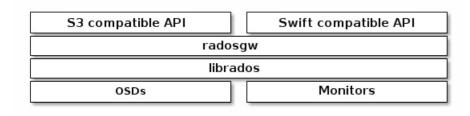# CEPH OBJECT STORAGE

Ceph Object Storage is an object storage interface built on top of `librgw` and `librados` to provide applications with a RESTful gateway to Ceph Storage Clusters. Ceph Object Storage supports two interfaces:

1. **S3-compatible:** Provides object storage functionality with an interface that is compatible with a large subset of the Amazon S3 RESTful API.
2. **Swift-compatible:** Provides object storage functionality with an interface that is compatible with a large subset of the OpenStack Swift API.

Ceph Object Storage uses the RADOS Gateway daemon (`radosgw`), which is a FastCGI module for interacting with `librgw` and `librados`. Since it provides interfaces compatible with OpenStack Swift and Amazon S3, RADOS Gateway has its own user management. RADOS Gateway can store data in the same Ceph Storage Cluster used to store data from Ceph Filesystem clients or Ceph Block Device clients. The S3 and Swift APIs share a common namespace, so you may write data with one API and retrieve it with the other.

> **Note:** Ceph Object Storage does **NOT** use the Ceph Metadata Server.

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