



Glance

Or: OpenStack's imaging service

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Glance's role inside Openstack

The OpenStack Glance service offers a REST API catalog enabling end users to:

- query,
- register,
- retrieve

virtual machine images and their metadata.

Glance components: glance-api

glance-api is the main Glance service that exposes and makes available both:

- the metadata about registered images,
- the image data itself.

Glance components: glance-registry

glance-registry is an internal glance service. It is used by glance-api (v1.0) for image metadata:

- storing,
- processing,
- retrieval.

v2.0 of glance-api operates independently from glance-registry.

Glance components: Database

Database is used for storing image metadata and is typically based on MySQL.

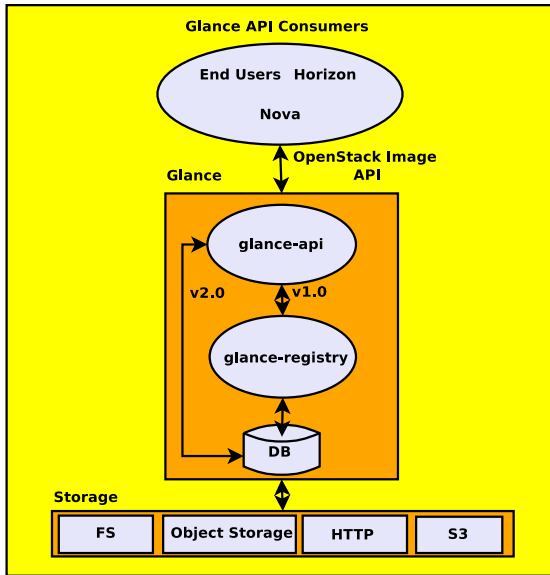
Glance components: Storage

Storage is the repository for the real image files.

Different storage types are supported:

- Local File System (which is the one used in this tutorial),
- Ceph,
- Swift,
- Cinder,
- HTTP,
- Amazon S3,
- others...

Glance: components interaction



Notes and Remarks

- Logs directory is: `/var/log/glance`
- Files you are going to edit often:
 - glance-api conf. file is:
`/etc/glance/glance-api.conf`
 - glance-registry conf. file is:
`/etc/glance/glance-registry.conf`
- We will see everything in more detail during the tutorial.

Useful Links

- [Configure Glance](#)
- [Glance Project Documentation](#)