



Glance

Or: OpenStack's imaging service

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Glance's role inside Openstack

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

- query,
- discover,
- register,
- retrieve

virtual machine images and their metadata.

Glance components: glance-api

glance-api is the main Glance service which accepts API calls for image:

- discovery,
- retrieval,
- storage.

Glance components: glance-registry

glance-registry service is internal and is used by v1.0 of glance-api for:

- storing,
- processing,
- retrieval

of images' metadata (eg. size or type). Note that v2.0 of glance-api operates independently from glance-registry.

Glance components: Database

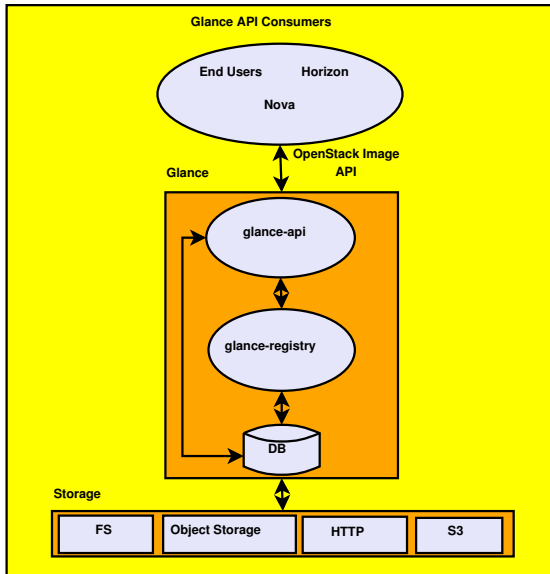
Database is used for storing image metadata and is typically based on MySQL.

Glance components: Storage

Storage is the repository for the image files. Different types of repositories are supported:

- Normal File System (which is the one used in this tutorial),
- Object Storage,
- RADOS block storage,
- HTTP,
- Amazon S3.

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](#)