**GLANCE**

Glance provides the register, retrieval and login services for virtual machine.

# 1 Glance Architecture

## 1.1 glance workflow



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| --- |
| //user information should be pointed out  export OS\_PROJECT\_DOMAIN\_ID=default  export OS\_USER\_DOMAIN\_ID=default  export OS\_PROJECT\_NAME=admin  export OS\_TENANT\_NAME=admin  export OS\_USERNAME=admin  export OS\_PASSWORD=admin  export OS\_AUTH\_URL=http://controller:35357/v3/  export OS\_IMAGE\_API\_VERSION=2 |

# 2 Glance Deployment and Configuration

## 2.1 Deployment Scheme

Scheme1: image and VM snapshot are not too much, it would be better to deploy glance and nova in the controller node.



Scheme2: if the VM snapshot is very much, it's better to deploy it in a single server.



## 2.1 Glance Configuration File List

* The default configuration file: /etc/glance/

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| Filename | Introduce |
| glance-api.conf | configuration file of glance-api service |
| glance-registry.conf | configuration file of glance-registry service |
| glance-cache.conf | image cache configuration file |
| glance-scrubber.conf | delay delete configuration file |
| policy.json | all image operations authority for user |
| schema-image.json | the json template for image |

* Paste configuration file : it configured in glance-api.conf file

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| --- | --- |
| glance-api-dist-paste.ini | configuration file for glance-api paste service |
| glance-registry-dist-paste.ini | configuration file for glance-registry paste service |
| glance-scrubber.conf | delay delete configuration for glance-scrubber |
| policy.json | all image operations authority for user |
| schema-image.json | the json template for image |
| glance-api-dist.conf | default is the simplest configuration |
| glance-cache-dist.conf | default is the simplest configuration |
| glance-registry-dist.conf | default is the simplest configuration |

* Log configuration file: it is configured in glance-api.conf.

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| Filename | Introduction |
| api.log | glance-api log file , such as restful, cli |
| registry.log | glance registry log file |