

安装和配置 (Red Hat)

« (install-obs.html) » (install-ubuntu.html) 🐛 (https://bugs.launchpad.net/glance/+filebug?)

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本节介绍如何在控制器节点上安装和配置代码为glance的Image服务。为了简单起见，该配置将图像存储在本地文件系统上。

先決条件Ⅱ

在安装和配置Image服务之前，您必须创建数据库，服务凭据和API端点。

1. 要创建数据库，请完成以下步骤：
 - 使用数据库访问客户端以root用户身份连接到数据库服务器：

```
$ mysql -u root -p
```

- 创建glance数据库：

```
MariaDB [ (none) ]> CREATE DATABASE glance;
```

- 授予对glance数据库的适当访问权限：

```
MariaDB [ (none) ]>一目了然地
授予
所有特权。*浏览 '@'localhost'\ IDENTIFIED BY'GLANCE_DBPASS'; MariaDB [ (none) ]>一目了然地
授予所有特权。* TO 'glance' '@'%' \ IDENTIFIED BY'GLANCE_DBPASS';
```

用GLANCE_DBPASS适当的密码替换。

- 退出数据库访问客户端。
2. 来源admin凭据来访问仅管理员CLI命令：

2. 来源admin凭据来访问仅管理员CLI命令：

\$。管理员-OpenRC的

3. 要创建服务凭据，请完成以下步骤：

- 创建glance用户：

```
$ openstack user create -m 默认 -p 密码提示一瞥

用户密码:
重复用户密码:

+-----+-----+
| 字段 | 值 |
+-----+-----+
| domain_id | 默认 |
| 启用 | True |
| id | 3f4e777c4062483ab8d9edd7dff829df |
| 名称 | 浏览 |
| 选项 | {} |
| password_expires_at | 无 |
+-----+-----+
```

- 将admin角色添加到glance用户和 service项目中：

```
$ openstack role add --project service --user glance admin
```

✔ **Note**

This command provides no output.

- Create the **glance** service entity:

```
$ openstack service create --name glance \
  --description "OpenStack Image" image
```

Field	Value
description	OpenStack Image
enabled	True
id	8c2c7f1b9b5049ea9e63757b5533e6d2
name	glance
type	image

4. Create the Image service API endpoints:

```
$ openstack endpoint create --region RegionOne \
  image public http://controller:9292
```

Field	Value
enabled	True
id	340be3625e9b4239a6415d034e98aace
interface	public
region	RegionOne
region_id	RegionOne
service_id	8c2c7f1b9b5049ea9e63757b5533e6d2
service_name	glance
service_type	image
url	http://controller:9292

```
$ openstack endpoint create --region RegionOne \
  image internal http://controller:9292
```

Field	Value
enabled	True
id	a6e4b153c2ae4c919eccfdbb7dceb5d2
interface	internal
region	RegionOne
region_id	RegionOne
service_id	8c2c7f1b9b5049ea9e63757b5533e6d2
service_name	glance
service_type	image
url	http://controller:9292

```
$ openstack endpoint create --region RegionOne \
  image admin http://controller:9292
```

Field	Value
enabled	True
id	0c37ed58103f4300a84ff125a539032d
interface	admin
region	RegionOne
region_id	RegionOne
service_id	8c2c7f1b9b5049ea9e63757b5533e6d2
service_name	glance
service_type	image
url	http://controller:9292

Install and configure components¹

Note

Default configuration files vary by distribution. You might need to add these sections and options rather than modifying existing sections and options. Also, an ellipsis (...) in the configuration snippets indicates potential default configuration options that you should retain.

1. Install the packages:

```
# yum install openstack-glance
```

2. Edit the `/etc/glance/glance-api.conf` file and complete the following actions:

- In the `[database]` section, configure database access:

```
[database]
# ...
connection = mysql+pymysql://glance:GLANCE_DBPASS@controller/glance
```

Replace `GLANCE_DBPASS` with the password you chose for the Image service database.

- In the `[keystone_authtoken]` and `[paste_deploy]` sections, configure Identity service access:

```
[keystone_authtoken]
# ...
auth_uri = http://controller:5000
auth_url = http://controller:35357
memcached_servers = controller:11211
auth_type = password
project_domain_name = default
user_domain_name = default
project_name = service
username = glance
password = GLANCE_PASS

[paste_deploy]
# ...
flavor = keystone
```

Replace `GLANCE_PASS` with the password you chose for the `glance` user in the Identity service.

✔ Note

Comment out or remove any other options in the `[keystone_authtoken]` section.

- In the `[glance_store]` section, configure the local file system store and location of image files:

```
[glance_store]
# ...
stores = file,http
default_store = file
filesystem_store_datadir = /var/lib/glance/images/
```

3. Edit the `/etc/glance/glance-registry.conf` file and complete the following actions:

✔ Note

The Glance Registry Service and its APIs have been DEPRECATED in the Queens release and are subject to removal at the beginning of the 'S' development cycle, following the [OpenStack standard deprecation policy](https://governance.openstack.org/reference/tags/assert_follows-standard-deprecation.html) (https://governance.openstack.org/reference/tags/assert_follows-standard-deprecation.html).

For more information, see the Glance specification document [Actually Deprecate the Glance Registry](http://specs.openstack.org/openstack/glance-specs/specs/queens/approved/glance/deprecate-registry.html) (<http://specs.openstack.org/openstack/glance-specs/specs/queens/approved/glance/deprecate-registry.html>).

- In the `[database]` section, configure database access:

```
[database]
# ...
connection = mysql+pymysql://glance:GLANCE_DBPASS@controller/glance
```

Replace `GLANCE_DBPASS` with the password you chose for the Image service database.

- In the `[keystone_authtoken]` and `[paste_deploy]` sections, configure Identity service access:

```
[keystone_authtoken]
# ...
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memcached_servers = controller:11211
auth_type = password
project_domain_name = default
user_domain_name = default
project_name = service
username = glance
password = GLANCE_PASS

[paste_deploy]
# ...
flavor = keystone
```

Replace **GLANCE_PASS** with the password you chose for the **glance** user in the Identity service.

✔ Note

Comment out or remove any other options in the **[keystone_authtoken]** section.

4. Populate the Image service database:

```
# su -s /bin/sh -c "glance-manage db_sync" glance
```

✔ Note

Ignore any deprecation messages in this output.

Finalize installation

- Start the Image services and configure them to start when the system boots:

```
# systemctl enable openstack-glance-api.service \
openstack-glance-registry.service
# systemctl start openstack-glance-api.service \
openstack-glance-registry.service
```

⏪ (install-obs.html) ⏩ (install-ubuntu.html) 🐛 (https://bugs.launchpad.net/glance/+filebug?

field.title=Install%20and%20configure%20(Red%20Hat)%20in%20glance&field.comment=%0A%0A%0AThis bug tracker is for errors with the documentation, use the following as a template and remove or add fields as you see fit. Convert [] into [x] to check boxes:%0A%0A- [] This doc is inaccurate in this way: ____%0A- [] This is a doc addition request.%0A- [] I have a fix to the document that I can paste below including example: input and output. %0A%0AIf you have a troubleshooting or support issue, use the following resources:%0A%0A - Ask OpenStack: http://ask.openstack.org%0A - The mailing list: http://lists.openstack.org%0A - IRC: 'openstack' channel on Freenode%0A%0A-----%0ARELEASE:%2016.0.1.dev1%20on%20Thu%20Mar%202017%2007:26:57%202018,%20commit%20968f4ae'%0ASHA:%20968f4ae9ce244d9372cb3e8f45acea9d557f317d%0ASORdo.rst'%0AURL: https://docs.openstack.org/glance/queens/install/install-rdo.html&field.tags=)

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🔗 问题吗？ (HTTP://ASK.OPENSTACK.ORG)



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