

- 云计算
 - OpenStack
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 - Base Node
 - ctrl Node

云计算

OpenStack

Glance

glance Software install

Base Node

```
mysql -uroot -proot
CREATE DATABASE glance;
GRANT ALL PRIVILEGES ON glance.* TO 'glance'@'localhost' IDENTIFIED BY 'GLANCE_DBPASS';
GRANT ALL PRIVILEGES ON glance.* TO 'glance'@'%'           IDENTIFIED BY 'GLANCE_DBPASS';
```

ctrl Node

```
. admin-openrc
```

```
openstack user create --domain default --password GLANCE_PASS glance
openstack role add --project service --user glance admin

openstack service create --name glance --description "OpenStack Image" image
openstack endpoint create --region RegionOne image public http://ctrl.blue.edu:9292
openstack endpoint create --region RegionOne image internal http://ctrl.blue.edu:9292
openstack endpoint create --region RegionOne image admin     http://ctrl.blue.edu:9292
```

```
yum install openstack-glance
```

```
/etc/glance/glance-api.conf
```

```
[database]
connection = mysql+pymysql://glance:GLANCE_DBPASS@base.blue.edu/glance

[keystone_authtoken]
auth_uri = http://ctrl.blue.edu:5000
auth_url = http://ctrl.blue.edu:35357
memcached_servers = base.blue.edu:11211
auth_type = password
project_domain_name = default
user_domain_name = default
project_name = service
username = glance
password = GLANCE_PASS

[paste_deploy]
flavor = keystone

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

```
cp /etc/glance/glance-api.conf /etc/glance/glance-api.conf.ds.bak
cat /etc/glance/glance-api.conf.ds.bak | grep -v ^# | uniq > /etc/glance/glance-api.conf
```

```
sed -i '/^\[database\]$/a\connection = mysql+pymysql://glance:GLANCE_DBPASS@base.blue.edu/glance\n' /etc/glance/glance-api.conf
sed -i '/^\[keystone_authtoken\]$/a\auth_uri = http://ctrl.blue.edu:5000\nauth_url = http://ctrl.blue.edu:35357\nmemcached_servers = base.blue.edu:11211\nauth_type = password\nproject_domain_name = default\nuser_domain_name = default\nproject_name = service\nusername = glance\npassword = GLANCE_PASS\n' /etc/glance/glance-api.conf
sed -i '/^\[paste_deploy\]$/a\flavor = keystone\n' /etc/glance/glance-api.conf
sed -i '/^\[glance_store\]$/a\stores = file,http\ndefault_store = file\nfilesystem_store_datadir = /var/lib/glance/images/\n' /etc/glance/glance-api.conf
```

```
/etc/glance/glance-registry.conf

[database]
connection = mysql+pymysql://glance:GLANCE_DBPASS@base.blue.edu/glance

[keystone_auth_token]
auth_uri = http://ctrl.blue.edu:5000
auth_url = http://ctrl.blue.edu:35357
memcached_servers = base.blue.edu:11211
auth_type = password
project_domain_name = default
user_domain_name = default
project_name = service
username = glance
password = GLANCE_PASS

[paste_deploy]
flavor = keystone
```

```
cp /etc/glance/glance-registry.conf /etc/glance/glance-registry.conf.ds.bak
cat /etc/glance/glance-registry.conf.ds.bak | grep -v ^# | uniq > /etc/glance/glance-registry.conf

sed -i '/^\[database\]$/{connection = mysql+pymysql://glance:GLANCE_DBPASS@base.blue.edu/glance}' /etc/glance/glance-registry.conf
sed -i '/^\[keystone_auth_token\]$/{auth_uri = http://ctrl.blue.edu:5000\nauth_url = http://ctrl.blue.edu:35357\nmemcached_servers = base.blue.edu:11211\nauth_type = password\nproject_domain_name = default\nuser_domain_name = default\nproject_name = service\nusername = glance\npassword = GLANCE_PASS}' /etc/glance/glance-registry.conf
sed -i '/^\[paste_deploy\]$/{flavor = keystone}' /etc/glance/glance-registry.conf
```

```
su -s /bin/sh -c "glance-manage db_sync" glance (21)
```

```
systemctl enable openstack-glance-api.service openstack-glance-registry.service
systemctl restart openstack-glance-api.service openstack-glance-registry.service
```

```
. admin-openrc
```

```
wget http://download.cirros-cloud.net/0.3.5/cirros-0.3.5-x86_64-disk.img
wget http://192.168.1.254/isos/cirros-0.3.5-x86_64-disk.img
```

```
openstack image create "cirros" \
--file cirros-0.3.5-x86_64-disk.img \
--disk-format qcow2 --container-format bare \
--public
```

```
openstack image list
```