

# 04. Openstack cli

## keystone

```
[root@openstackdev-1 ~]# . ~/keystonerc_admin
[root@openstackdev-1 ~(keystone_admin)]#
```

1. 创建镜像

```
~(keystone_admin)]# openstack image create \
--disk-format qcow2 \
--file CentOS-7-x86_64-GenericCloud-2009.qcow2 \
--public \
Centos7-2009
```

2. 上传镜像到 OpenStack 镜像库

CentOS-7-x86\_64-GenericCloud-2009.qcow2 文件是 qcow2 格式，需要转换为 raw 格式才能上传。

Centos7-2009, 上传到 OpenStack 镜像库

3. 创建服务器

1. 创建服务器

```
~(keystone_admin)]# openstack server create \
--flavor m1.small \
--image Centos7-2009 \
--network private \
--boot-from-volume 30 \
--key-name ssh \
--wait \
--max 5 \
client
```

2. 创建服务器

flavor 为 m1.small，镜像为 Centos7-2009，网络为 private。

3. 创建服务器

30G 的 client-{n} 5 个，每个 5 分钟。

2. `ssh` `ssh` `ssh` `ssh`

```
~(keystone_admin)]# openstack server list --all-projects
```

```
+-----+-----+-----+-----+-----+
+-----+
| ID              | Name      | Status | Networks              | Image      |
Flavor |
+-----+-----+-----+-----+-----+
+-----+
| 3d728b9b-7c87-4369-8036-ab143af9eb31 | client-2   | ACTIVE | private=192.168.20.177 |             |
N/A (booted from volume) | m1.small |
| 5427d961-2b6b-4804-85df-c275eddf8e2d | client-3   | ACTIVE | private=192.168.20.109 |             |
N/A (booted from volume) | m1.small |
| ab7ea5fa-133f-4e10-b5fa-874c4f943720 | client-4   | ACTIVE | private=192.168.20.115 |             |
N/A (booted from volume) | m1.small |
| cc0974ed-187a-4a19-8a6a-484d477b83c1 | client-1   | ACTIVE | private=192.168.20.122 |             |
N/A (booted from volume) | m1.small |
| a7e51fdd-cecb-436f-9224-8d1e5d02be28 | ubuntu_sample | ACTIVE | private=192.168.20.125 | N/A (booted from volume) | m1.small |
+-----+-----+-----+-----+-----+
+-----+
```

3. `ssh` `ssh` (`ssh` `ssh` `ssh` `ssh` `ssh` `ssh` )

```
~(keystone_admin)]# openstack server delete client-1 client-2
```

Revision #2

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