

- 云计算
 - OpenStack
 - 创建一个实例

云计算

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创建一个实例

Provider

```
. admin-openrc
openstack network create --share \
--provider-physical-network provider \
--provider-network-type flat provider
```

```
openstack subnet create \
--network provider \
--subnet-range 203.0.113.0/24 provider \
--allocation-pool start=203.0.113.101,end=203.0.113.250 \
--gateway 203.0.113.1 \
--dns-nameserver 119.29.29.29 \
--dns-nameserver 192.168.1.190
```

```
openstack subnet create \
--network provider \
--subnet-range 192.168.1.0/24 provider \
--allocation-pool start=192.168.1.111,end=192.168.1.115 \
--gateway 192.168.1.1 \
--dns-nameserver 119.29.29.29
```

Verify

```
. admin-openrc
ip netns
```

Flavor

```
openstack flavor create --id 0 --vcpus 1 --ram 64 --disk 1 m1.nano
```

Generate a key pair

```
. demo-openrc
ssh-keygen -q -N ""
openstack keypair create --public-key ~/.ssh/id_rsa.pub mykey
openstack keypair list
```

Security group rules

```
openstack security group rule create --proto icmp default
openstack security group rule create --proto tcp --dst-port 22 default
```

```
. demo-openrc
openstack flavor list
openstack image list
openstack network list
openstack security group list
```

```
openstack server create \
--flavor m1.nano \
--image cirros \
--security-group default \
--key-name mykey \
provider-instance
```

openstack server list

```
openstack console url show provider-instance
ping -c 4 203.0.113.1
```

```
ping -c 4 openstack.org
ping -c 4 203.0.113.103
```

ssh cirros@203.0.113.103

Block

```
. demo-openrc
openstack volume create --size 1 volume1
openstack volume list
```

```
openstack server add volume provider-instance volume1
openstack volume list
```

