

How to create VM with cloud-init script

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Bash version

user_data.sh

```
#!/bin/bash

apt-get update
echo "test.txt" > test.txt
apt-get install -y git
```

Command

```
nova boot --image "ubuntu_cloud" --key-name jing-key --flavor "m1.small" --availability-zone
"node10" --user-data user_data.sh "jing-cloud-init-test" --nic
net-id=fc48a1d5-62e9-459f-89ab-86f4c0bf6486
```

ssh -i cloud.key ubuntu@192.168.1.176 # access to the main host

```
or
ssh-agent bash
ssh-add <your-private-key>
```

virtualenv env

..../venv/bin/activate

source ./openstack.rc # downlad from [access & security] -> [api access]

nova list # check

neutron net-list # get the network id

nova image-list # check the image

```
nova boot --image "ubuntu_cloud" --key-name jing-key --flavor "m1.small" --availability-zone
"node10" --user-data user_data.file "jing-cloud-init-test" --nic
net-id=fc48a1d5-62e9-459f-89ab-86f4c0bf6486
```