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1 使用 devstack 部署 ironic

1.1 第一种方法

这里使用 devstack 在 ubuntu14.04 上部署 ironic, 步骤如下:

1. 首先下载 devstack:

```
1  git clone http://git.trystack.cn/openstack-dev/devstack.git
2  sudo ./devstack/tools/create-stack-user.sh
```

2. 进入 devstack 目录下, 创建 local.conf 文件, 文件内容如下:

```
1  [[local|localrc]]
2
3  GIT_BASE=http://git.trystack.cn
4  NOVNC_REPO=http://git.trystack.cn/kanaka/noVNC.git
5  SPICE_REPO=http://git.trystack.cn/git/spice/spice-html5.git
6
7  FORCE=yes
8
9  # Credentials
10 ADMIN_PASSWORD=p1111111
11 DATABASE_PASSWORD=p1111111
12 RABBIT_PASSWORD=p1111111
13 SERVICE_PASSWORD=p1111111
14 SERVICE_TOKEN=p1111111
15 SWIFT_HASH=p1111111
16 SWIFT_TEMPURL_KEY=p1111111
17
18 # Enable Ironic plugin
19 enable_plugin ironic http://git.trystack.cn/openstack/ironic
20
21 # Enable Neutron which is required by Ironic and disable nova-network.
22 disable_service n-net
23 disable_service n-novnc
24 enable_service q-svc
25 enable_service q-agt
26 enable_service q-dhcp
27 enable_service q-l3
28 enable_service q-meta
29 enable_service neutron
30
31 # Enable Swift for agent_* drivers
32 enable_service s-proxy
33 enable_service s-object
34 enable_service s-container
35 enable_service s-account
36
37 # Disable Horizon
38 disable_service horizon
39
```

```

40 # Disable Heat
41 disable_service heat h-api h-api-cfn h-api-cw h-eng
42
43 # Disable Cinder
44 disable_service cinder c-sch c-api c-vol
45
46 # Swift temp URL's are required for agent_* drivers.
47 SWIFT_ENABLE_TEMPURLS=True
48
49 # Create 3 virtual machines to pose as Ironic's baremetal nodes.
50 IRONIC_VM_COUNT=3
51 IRONIC_VM_SSH_PORT=22
52 IRONIC_BAREMETAL_BASIC_OPS=True
53 DEFAULT_INSTANCE_TYPE=baremetal
54
55 # Enable Ironic drivers.
56 IRONIC_ENABLED_DRIVERS=fake,agent_ssh,agent_ipmitool,pxe_ssh,pxe_ipmitool
57
58 # Change this to alter the default driver for nodes created by devstack.
59 # This driver should be in the enabled list above.
60 IRONIC_DEPLOY_DRIVER=agent_ipmitool
61
62 # The parameters below represent the minimum possible values to create
63 # functional nodes.
64 IRONIC_VM_SPECS_RAM=1280
65 IRONIC_VM_SPECS_DISK=10
66
67 # Size of the ephemeral partition in GB. Use 0 for no ephemeral partition.
68 IRONIC_VM_EPHEMERAL_DISK=0
69
70 # To build your own IPA ramdisk from source, set this to True
71 IRONIC_BUILD_DEPLOY_RAMDISK=False
72
73 VIRT_DRIVER=ironic
74
75 # By default, DevStack creates a 10.0.0.0/24 network for instances.
76 # If this overlaps with the hosts network, you may adjust with the
77 # following.
78 NETWORK_GATEWAY=10.1.0.1
79 FIXED_RANGE=10.1.0.0/24
80 FIXED_NETWORK_SIZE=256
81
82 # Log all output to files
83 LOGFILE=$HOME/temp/devstack.log
84 LOGDIR=$HOME/temp/logs
85 IRONIC_VM_LOG_DIR=$HOME/temp/ironic-bm-logs

```

3. 运行 stack.sh:

```

1 ./stack.sh

```

1.2 第二种方法

首先到下面这个网站下载 devstack.tar.gz 文件：[下载 devstack.tar.gz](#)