

H3Cloud OS当通过外网映射内网地址时，外网不能访问VNC界面

H3Cloud OS由于在默认配置当中是通过访问主节点的IP实现的。因此需要在对应的配置文件当中修改。

Cloud OS如果默认在VMware和openstack上配置了正确的参数，是可以通过私网访问云平台和VNC的，如果需要从外网也访问的话，需要在出口设备上做nat映射，具体步骤如下：

1. 在设备上配置nat映射到私网地址，默认需要映射80,6080,9090这3个端口，而实际的环境最好可以做私网地址的全映射。
2. 通过命令行进入计算节点容器，在compute节点里nova.conf 文件vnc地址需要改为映射后的公网地址，如下红色部分，这样外网也可打开虚拟机控制台。

```
[DEFAULT]
notification_driver = messagingv2
notify_on_state_change = vm_and_task_state
instance_usage_audit_period = hour
instance_usage_audit = True
neutron_plugin = vcf
running_deleted_instance_action = log
rpc_backend = rabbit
auth_strategy = keystone
my_ip = 172.40.2.205
vnc_enabled = True
vncserver_listen = 0.0.0.0
vncserver_proxyclient_address = 172.40.2.205
novncproxy_base_url = http://117.27.85.130:6080/vnc_auto.html
xvpvncproxy_base_url = http://172.40.1.200:6081/console
verbose = True
allow_resize_to_same_host = True
allow_migrate_to_same_host = True
fix_resize_to_same_host = True
instance_name_template = %(display_name)s-%(id)s
```

修改方式，如下图所示：

```
[root@compute01 ~]# vim /etc/nova/nova.conf
[DEFAULT]
notification_driver = messagingv2
notify_on_state_change = vm_and_task_state
instance_usage_audit_period = hour
instance_usage_audit = True
neutron_plugin = vcf
running_deleted_instance_action = log
rpc_backend = rabbit
auth_strategy = keystone
my_ip = 172.40.2.205
vnc_enabled = True
vncserver_listen = 0.0.0.0
vncserver_proxyclient_address = 172.40.2.205
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verbose = True
allow_resize_to_same_host = True
allow_migrate_to_same_host = True
fix_resize_to_same_host = True
instance_name_template = %(display_name)s-%(id)s
#
```

修改完成之后重启下计算节点的服务即可，操作方式如下：

```
# Name of this node. Must be a valid hostname, FQDN, or IP address. Must match
# "host" option, if running Nova. (string value)
[root@compute01 ~]#
[root@compute01 ~]#
[root@compute01 ~]#
[root@compute01 ~]# service openstack-nova-compute restart
```