

# 1 使用 vncviewer 从一台 linux 远程到另一台 linux

## 1.1 客户端 linux 的配置

客户端需要安装 vncviewer 和 vncserver, 命令如下:

```
1 sudo apt-get install vnc4server
2 sudo apt-get install vncviewer
```

## 1.2 服务器端 linux 的配置

服务器端需要安装 vncviewer 和 vncserver, 命令如下:

```
1 sudo apt-get install vnc4server
2 sudo apt-get install vncviewer
```

然后开启 vncserver 的服务:

```
1 vncserver
```

如下图所示:

```
root@hty-compute2:~# vncserver
You will require a password to access your desktops.
Password:
Verify:
New 'hty-compute2:3 (root)' desktop is hty-compute2:3
Creating default startup script /root/.vnc/xstartup
Starting applications specified in /root/.vnc/xstartup
Log file is /root/.vnc/hty-compute2:3.log
```

## 1.3 从客户端 linux 远程到服务器端 linux

首先, 在服务器端 linux 开启一个虚拟机:

```
1 virsh vncdisplay instance-000002cf
```

如下图所示:

```
virsh # list
 Id      Name                                State
-----
 6       instance-00000265                  running
 9       instance-0000005c                  running
 28      instance-0000028e                  running
 29      instance-000002cf                  running

virsh # vncdisplay instance-000002cf
:1
```

可以注意到，这里的端口是“:1”，这个端口我们之后会用到。

然后，在客户端 linux 远程到服务器端 linux：

```
1 # root是服务器端linux的用户名
2 # 172.16.19.239是服务器端linux的IP地址
3 ssh -L 5901:localhost:5901 -l root 172.16.19.239
```

如下图所示：

```
pengsida@scholcs:~$ ssh -L 5901:localhost:5901 -l root 172.16.19.239
The authenticity of host '172.16.19.239 (172.16.19.239)' can't be established.
ECDSA key fingerprint is SHA256:+Le9zuKvImr8e4TAB3kvKBZSL+5z5xaJdqBLYQeYiWm.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '172.16.19.239' (ECDSA) to the list of known hosts.
root@172.16.19.239's password:
Welcome to Ubuntu 14.04.1 LTS (GNU/Linux 3.18.0-031800-generic x86_64)

 * Documentation:  https://help.ubuntu.com/
New release '16.04.2 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Sun Mar 26 10:45:46 2017 from hty-controller
```

然后在客户端 linux 另外开一个客户端，使用 vncviewer 远程到服务器端 linux 上的虚拟机：

```
1 # 端口号1是之前vncdisplay给出的端口号
2 vncviewer 172.16.19.239:1
```

此时就能在客户端 linux 上看到远程的服务器端 linux 上的虚拟机：

