

组网及说明

不涉及

配置步骤

一、在CAS上安装Ubuntu操作系统

可以参考《20180206-H3Cloud OS云操作系统 镜像制作指导 (适用于CAS虚拟化平台) -5W100》
安装Linux操作系统, cas tools等

二、设置root密码

sudo passwd root

```
test@ubuntu: ~  
test@ubuntu:~$ sudo passwd root  
[sudo] password for test: █
```

三、关闭防火墙

1、关闭ubuntu的防火墙

命令行执行 sudo ufw disable

```
root@ubuntu:/home/test# ufw disable  
Firewall stopped and disabled on system startup  
root@ubuntu:/home/test# █
```

2、卸载iptables

命令行执行 apt-get remove iptables

```
root@ubuntu:/home/test# apt-get remove iptables  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following packages will be REMOVED:  
  iptables ubuntu-standard ufw  
0 upgraded, 0 newly installed, 3 to remove and 0 not upgraded.  
After this operation, 2,547 kB disk space will be freed.  
Do you want to continue? [Y/n] y  
(Reading database ... 177101 files and directories currently installed.)  
Removing ubuntu-standard (1.361.2) ...  
Removing ufw (0.35-0ubuntu2) ...  
Skip stopping firewall: ufw (not enabled)  
Removing iptables (1.6.0-2ubuntu3) ...  
Processing triggers for man-db (2.7.5-1) ...  
Processing triggers for libc-bin (2.23-0ubuntu11) ...  
Processing triggers for doc-base (0.10.7) ...  
Processing 2 removed doc-base files...
```

四、下载openssh所需要的安装包, 通过ftp方式上传到Ubuntu系统

因为Ubuntu镜像默认没有安装SSH, 所以必须要从网上下载SSH安装包手动在系统安装

链接: <https://pan.baidu.com/s/14PwxyEHZVzS6-EiJb2pgWw> 提取码: ru4d

安装SSH包的步骤如下:

1.将4个文件放在/home/test文件夹中(test新建一个)

2.命令行进入该文件夹 cd /home/test

3.执行

```
sudo dpkg -i openssh-client_7.2p2-4_amd64.deb  
sudo dpkg -i openssh-sftp-server_7.2p2-4_amd64.deb  
sudo dpkg -i libwrap0_7.6.q-25_amd64.deb  
sudo dpkg -i openssh-server_7.2p2-4_amd64.deb  
sudo dpkg -i ssh_7.2p2-4_all.deb
```

4.执行

```
sudo ps -e | grep ssh
```

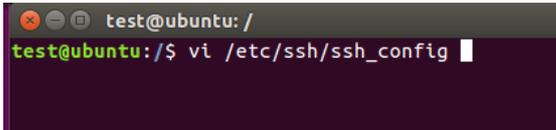
有 sshd 说明ssh服务已经启动。

如果没有 执行

```
sudo service ssh start
```

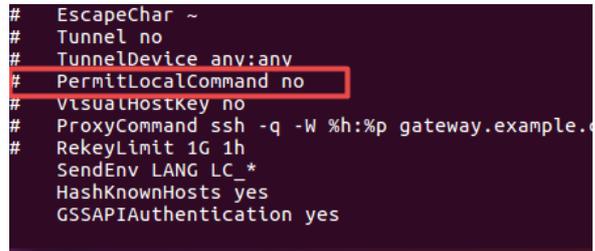
配置允许root用户ssh登陆

```
sudo vi /etc/ssh/sshd_config
```



```
test@ubuntu: /  
test@ubuntu:/$ vi /etc/ssh/sshd_config
```

取消注释, 并将no改为yes



```
# EscapeChar ~  
# Tunnel no  
# TunnelDevice any:any  
# PermitLocalCommand no  
# VisualHostKey no  
# ProxyCommand ssh -q -W %h:%p gateway.example.c  
# RekeyLimit 1G 1h  
# SendEnv LANG LC_*  
HashKnownHosts yes  
GSSAPIAuthentication yes
```

五、关机

至此, Ubuntu虚拟机镜像安装完成。

配置关键点