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大白老师 · 更新于 2022-12-26　　　　◀ 上一节 6.1 网络中常用…　　7.1 UDP编程之…　下一节 ▶

一.工具下载

【百度网盘】
链接:https://pan.baidu.com/s/1h34APMIBOUOJu3HfZaojmA
提取码:peup

二.网络设置

- 桥接模式设置

说明：远程登录需要用的虚拟机拥有独立的vmware网卡。vmware需要设置为桥接模式。

【Vmware网络调试配置——解决Ubuntu无法上网】

https://pdzf0folhz.feishu.cn/docs/doccnS4661N0CZMShusPPfAvMBh

- 网络测试

```
linux@linux:~/test123$ ping -c4 www.baidu.com
PING www.a.shifen.com (112.80.248.75) 56(84) bytes of data.
64 bytes from 112.80.248.75 (112.80.248.75): icmp_seq=1 ttl=55 time=17.1 ms
64 bytes from 112.80.248.75 (112.80.248.75): icmp_seq=2 ttl=55 time=16.3 ms
64 bytes from 112.80.248.75 (112.80.248.75): icmp_seq=3 ttl=55 time=20.1 ms
64 bytes from 112.80.248.75 (112.80.248.75): icmp_seq=4 ttl=55 time=17.8 ms

--- www.a.shifen.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 12036ms
rtt min/avg/max/mdev = 16.305/17.874/20.191/1.450 ms
linux@linux:~/test123$
```

三.远程登录

1. ubuntu系统安装openssh-server软件

```
linux@linux:~/test123$ sudo apt-get install  openssh-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer requi
  linux-hwe-5.4-headers-5.4.0-109 linux-hwe-5.4-headers-5.4.0-122 linux-hwe
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  openssh-client openssh-sftp-server
Suggested packages:
  keychain libpam-ssh monkeysphere ssh-askpass molly-guard rssh
The following packages will be upgraded:
  openssh-client openssh-server openssh-sftp-server
3 upgraded, 0 newly installed, 0 to remove and 236 not upgraded.
Need to get 988 kB of archives.
After this operation, 0 B of additional disk space will be used.
```

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1. 查看虚拟机的ip地址
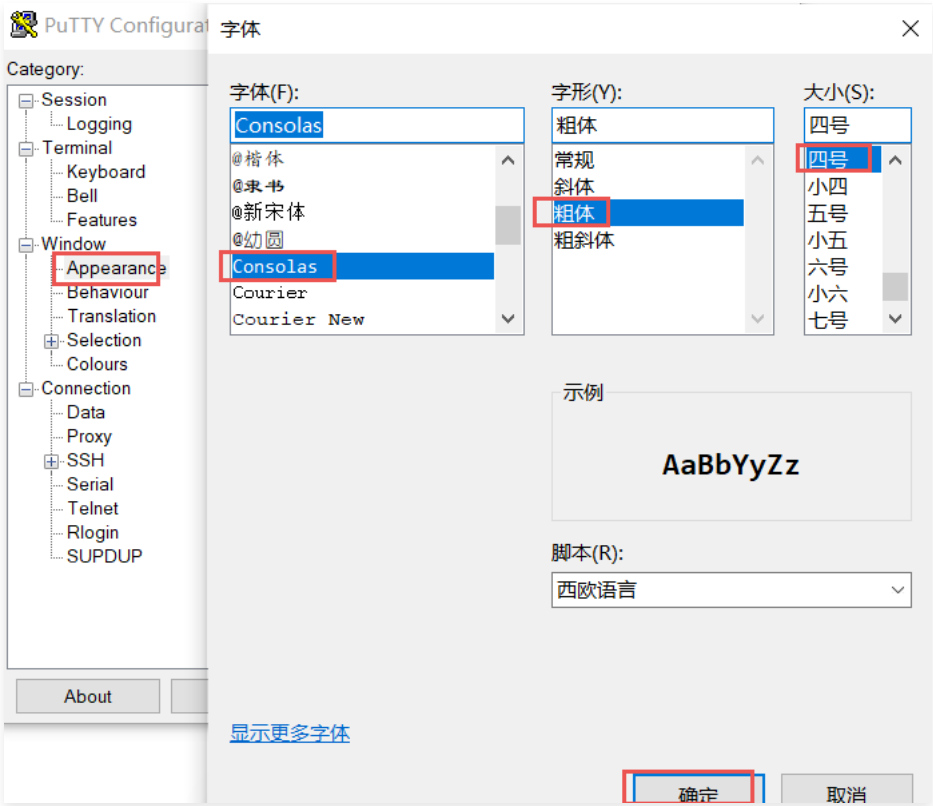
```
linux@linux:~/test123$ ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 192.168.0.14  netmask 255.255.255.0  broadcast 192.168.0.255
        inet6 fe80::2a42:a550:9ff8:ca34  prefixlen 64  scopeid 0x20<link>
        ether 00:0c:29:26:c7:aa  txqueuelen 1000  (Ethernet)
        RX packets 695004  bytes 855907604 (855.9 MB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 158072  bytes 10551982 (10.5 MB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 1890  bytes 174155 (174.1 KB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1890  bytes 174155 (174.1 KB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

linux@linux:~/test123$
```
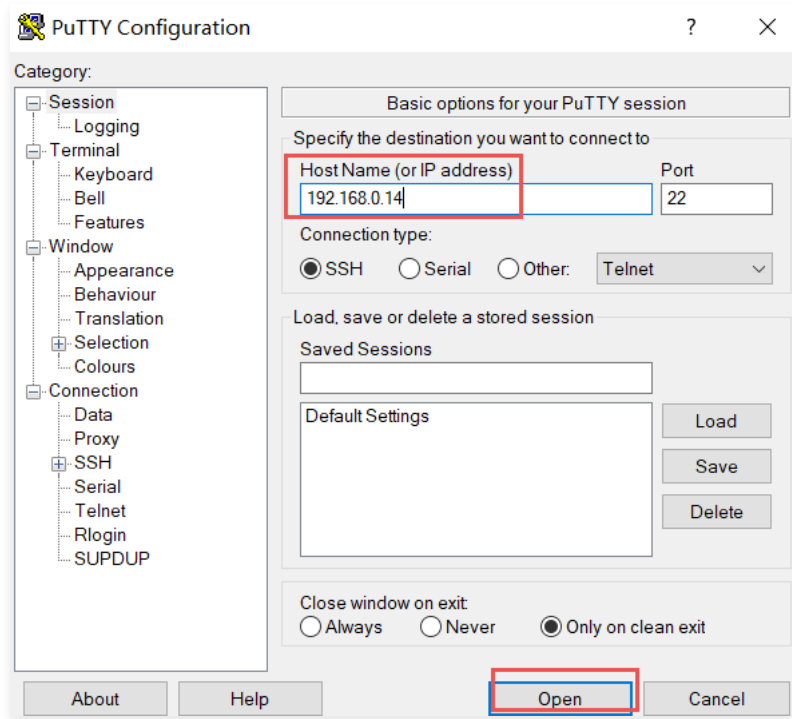
3.调用putty软件远程登录

- 调整字体

- 通过IP远程登录

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- 输入账号和密码，登录成功

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