任务 10 浙大校网 vpn

1. 有线配置

修改 mac，

sudo nano /etc/rc.local

```
#
# By default this script does nothing.

# Print the IP address
_IP=$(hostname -I) || true
if [ "$_IP" ]; then
  printf "My IP address is %s\n" "$_IP"
fi


sudo ifconfig eth0 down hw ether 3c:07:54:4d:d5:05
sudo ifconfig eth0 up
/etc/init.d/networking restart &
exit 0
```

修改 ip，gateway，mask，等

sudo nano /etc/network/interfaces

```
  GNU nano 2.2.6            File: /etc/network/interfaces

auto lo
iface lo inet loopback

#iface eth0 inet dhcp
auto eth0
iface eth0 inet static
address 10.110.39.239
gateway 10.110.39.1
netmask 255.255.255.0
network 10.110.39.0


allow-hotplug wlan0
iface wlan0 inet manual
wpa-roam /etc/wpa_supplicant/wpa_supplicant.conf
iface default inet dhcp
```

修改 dns

sudo nano /etc/resolv.conf

```
GNU nano 2.2.6            File: /etc/resolv.conf

#nameserver 192.168.2.1
 nameserver 10.10.0.21
```

重启

sudo /etc/init.d/networking restart

可以上内网了


```
pi@raspberrypi:~$ ping fm.zju.edu.cn
PING fm.zju.edu.cn (210.32.157.99) 56(84) bytes of data.
64 bytes from 10.214.0.99: icmp_req=1 ttl=61 time=86.0 ms
64 bytes from 10.214.0.99: icmp_req=2 ttl=61 time=105 ms
64 bytes from 10.214.0.99: icmp_req=3 ttl=61 time=84.5 ms
64 bytes from 10.214.0.99: icmp_req=4 ttl=61 time=86.7 ms
64 bytes from 10.214.0.99: icmp_req=5 ttl=61 time=189 ms
^C
--- fm.zju.edu.cn ping statistics ---
6 packets transmitted, 5 received, 16% packet loss, time 5001ms
rtt min/avg/max/mdev = 84.595/110.630/189.871/40.393 ms
```
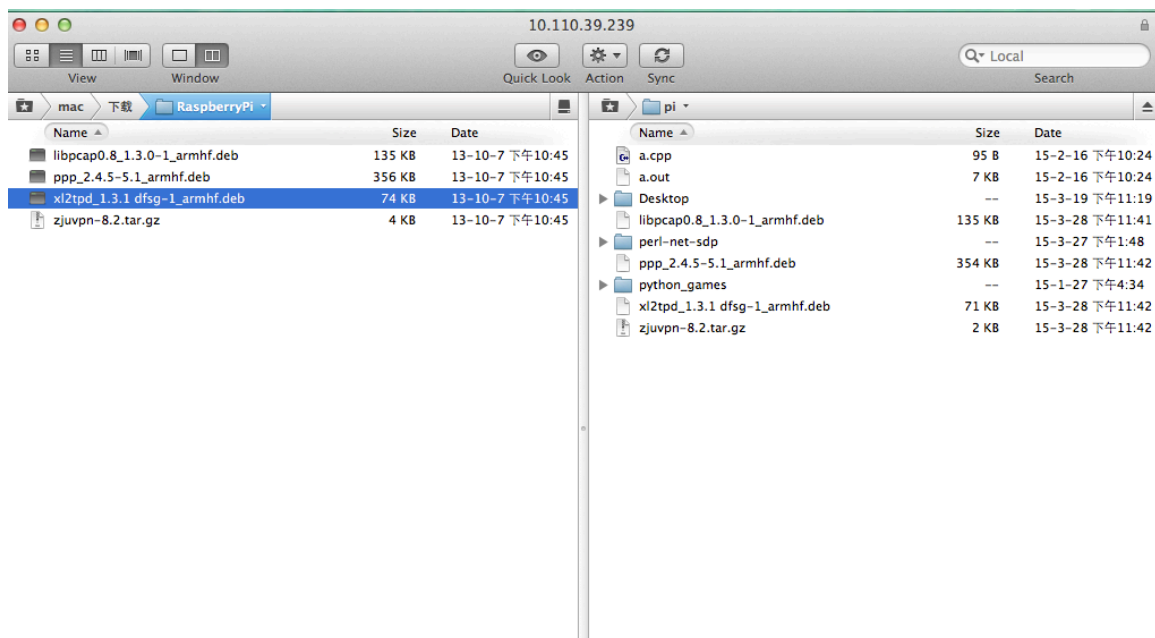
2. 下载软件

http://pan.baidu.com/share/link?shareid=335708&uk=2752223697

libpcap 0.8 ü

ppp

xl2tpd

zjuvpn

3. 传输文件

4.安装软件

sudo dpkg –i libpcap0.8_1.3.0-1_armhf.deb

sudo dpkg –i ppp_2.4.5-5.1_armhf.deb

sudo dpkg –i xl2tpd_1.3.1+dfsg-1_armhf.deb

sudo tar –zxvf zjuvpn-8.2.tar.gz –C /

5.登陆

sudo zjuvpn –c

ping www.baidu.com

```
pi@raspberrypi:~$ ping www.baidu.com
PING www.a.shifen.com (119.75.217.109) 56(84) bytes of data.
64 bytes from 119.75.217.109: icmp_req=1 ttl=49 time=86.4 ms
64 bytes from 119.75.217.109: icmp_req=2 ttl=49 time=97.4 ms
^C64 bytes from 119.75.217.109: icmp_req=3 ttl=49 time=109 ms

--- www.a.shifen.com ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 86.428/97.902/109.843/9.571 ms
pi@raspberrypi:~$ ping www.cc98.org
PING www.cc98.org (10.10.98.98) 56(84) bytes of data.
^C
--- www.cc98.org ping statistics ---
6 packets transmitted, 0 received, 100% packet loss, time 5002ms
```