使用OpenVPN接入高性能计算中心网络

上海交通大学高性能计算中心
http://hpc.sjtu.edu.cn

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1 PPTP client

1. Setup up a PPTP VPN configuration named "hpcvpn"

```
# pptpsetup --create hpcvpn --server access.jianwen.me \
--username USERNAME --password PASSWORD --encrypt
```

2. For the first time, connect with debugging information

```
# pon hpcvpn debug dump logfd 2 nodetach
# Ctrl + C
```

3. Connect to VPN

```
# pon hpcvpn
```

4. Add route table entry

```
# ip route add 202.120.58.0/24 dev ppp0
```

5. Work on π with SSH connection.

```
$ ssh 202.120.58.231
```

6. Work done. Disconnect from VPN.

```
# poff hpcvpn
```

2 参考资料

- "PPTP v.s. L2TP v.s. OpenVPN" https://www.ivpn.net/knowledgebase/62/PPTP-vs-L2TP-vs-OpenVPN.html
- "测 绘 学 院 网 络 与 数 据 处 理 中 心OpenVPN使 用 指 南" http://hx.linuxadmin.cn/?m=201210
- "Tunnelblick OpenVPN Setup Instructions for VyprVPN" http://www.giganews.com/support/vyprvpn/vpn-setup/mac/tunnelblick/openvpn.html
- "Linux (Ubuntu) OpenVPN Manual Setup Instructions" http://www.giganews.com/support/vyprvpn/vpn-setup/linux/openvpn.html