

How to use Linux Server of CSE by Windows

Prestep

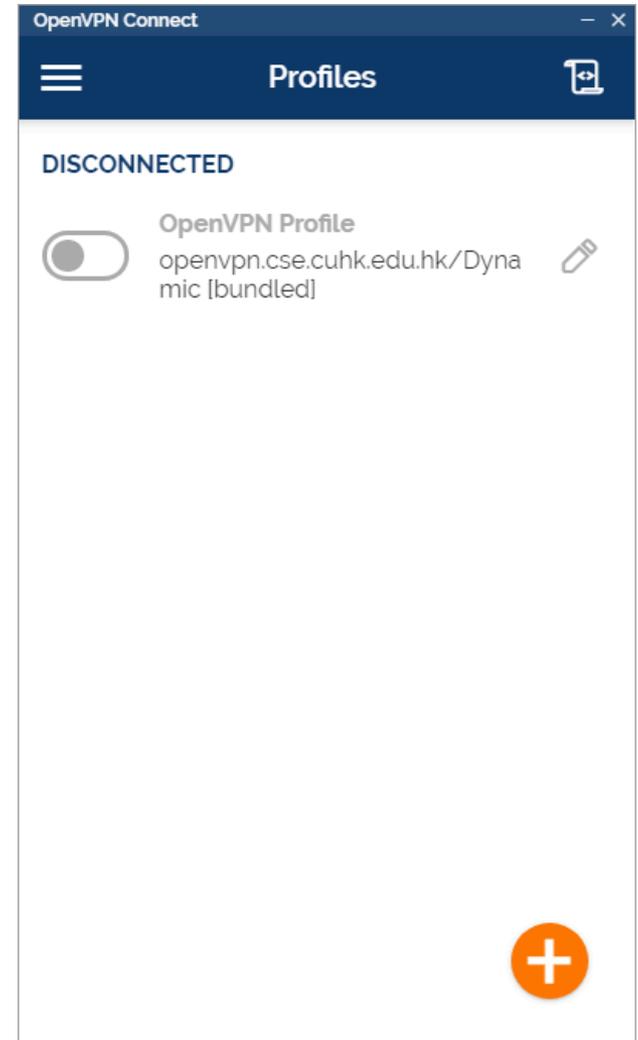
- If you are out of campus,
 - Connect CSE VPN

Prestep: Connect CSE VPN

- **Install OpenVPN Connect Client**
- **Windows & macOS:** use browser and download the client from
 - <https://openvpn.cse.cuhk.edu.hk>
- **Android & iOS:** Install **OpenVPN Connect** client (by OpenVPN Inc) from App Store / Play Store
 - [Google Play Store](#)
 - [Apple App Store](#)
- **Linux:** [Connecting to Access Server with Linux](#)

Connect CSE VPN

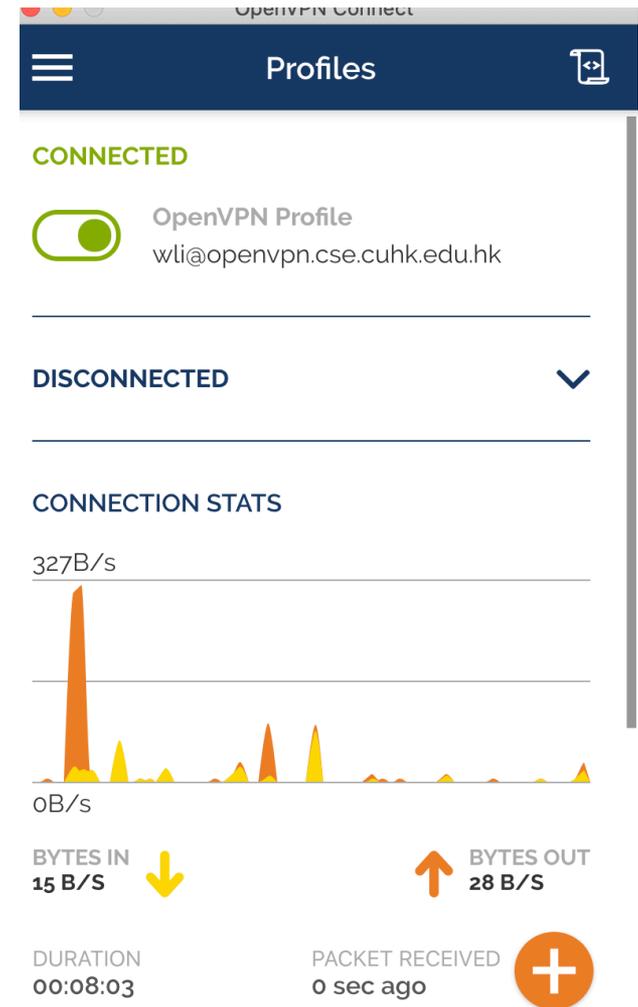
- **Import Profiles**
- Execute OpenVPN Connect Client
- Click ⊕ (+) button
- Enter URL: **<https://openvpn.cse.cuhk.edu.hk>**
- click NEXT
- Enter your CSE UNIX Account and Password
- click IMPORT



Connect CSE VPN

Connect to VPN Server

- Execute OpenVPN Connect
- Select the profile to connect
- Enter your CSE Unix Account and Password
- Click OK



Connect CSE VPN

✦ Configuration

Access Server URL	https://openvpn.cse.cuhk.edu.hk
Username	CSE UNIX username
Password	CSE UNIX password

✦

Download Putty

- Firstly, we should download Putty, which is used as a tool for our connection.
 - The source website is as follow (As Fig. 1):
 - <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

Download Putty

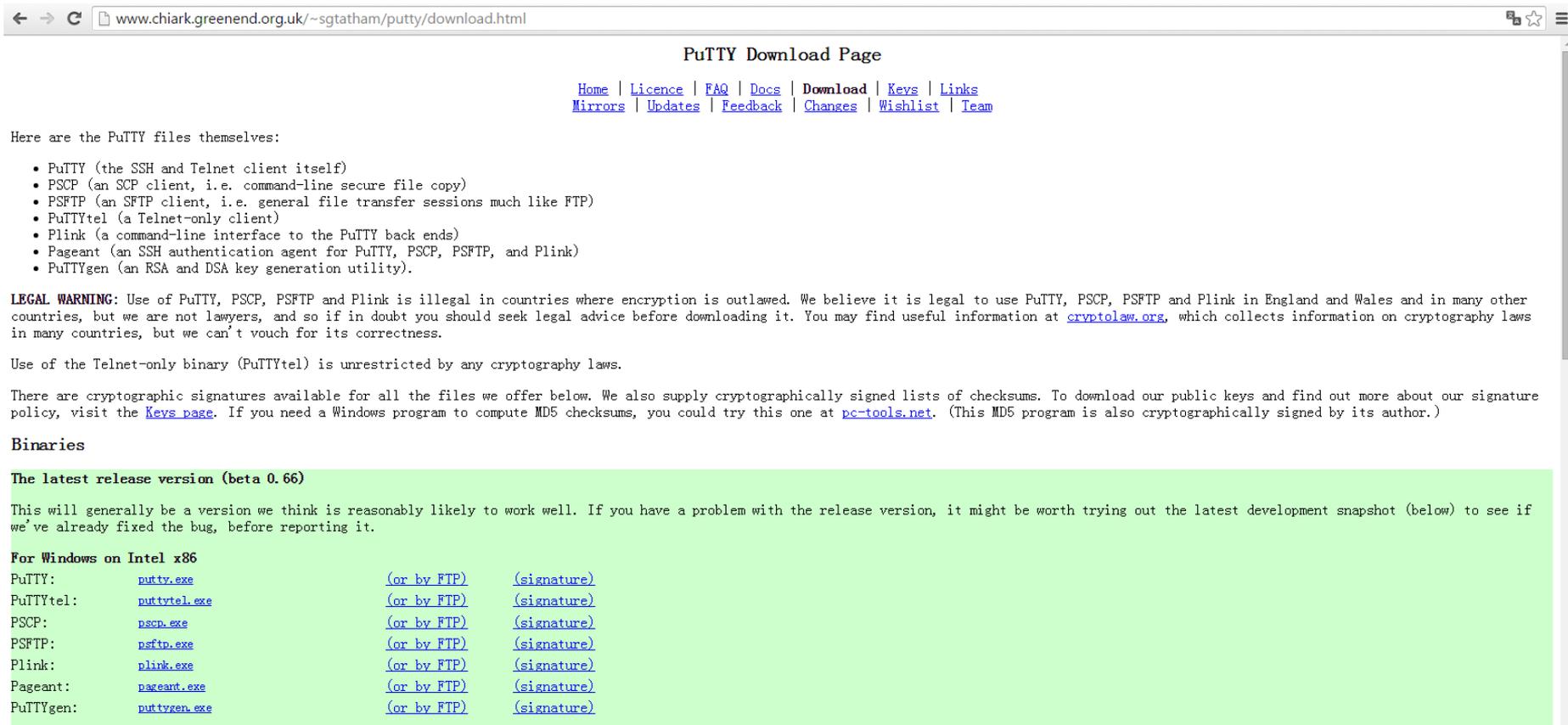


Fig. 1 The Putty Source Website

Run Putty and Configure

- Running the Putty.exe, we can get the interface of Putty as Fig. 2.
- We need to find a Linux Server to connect.

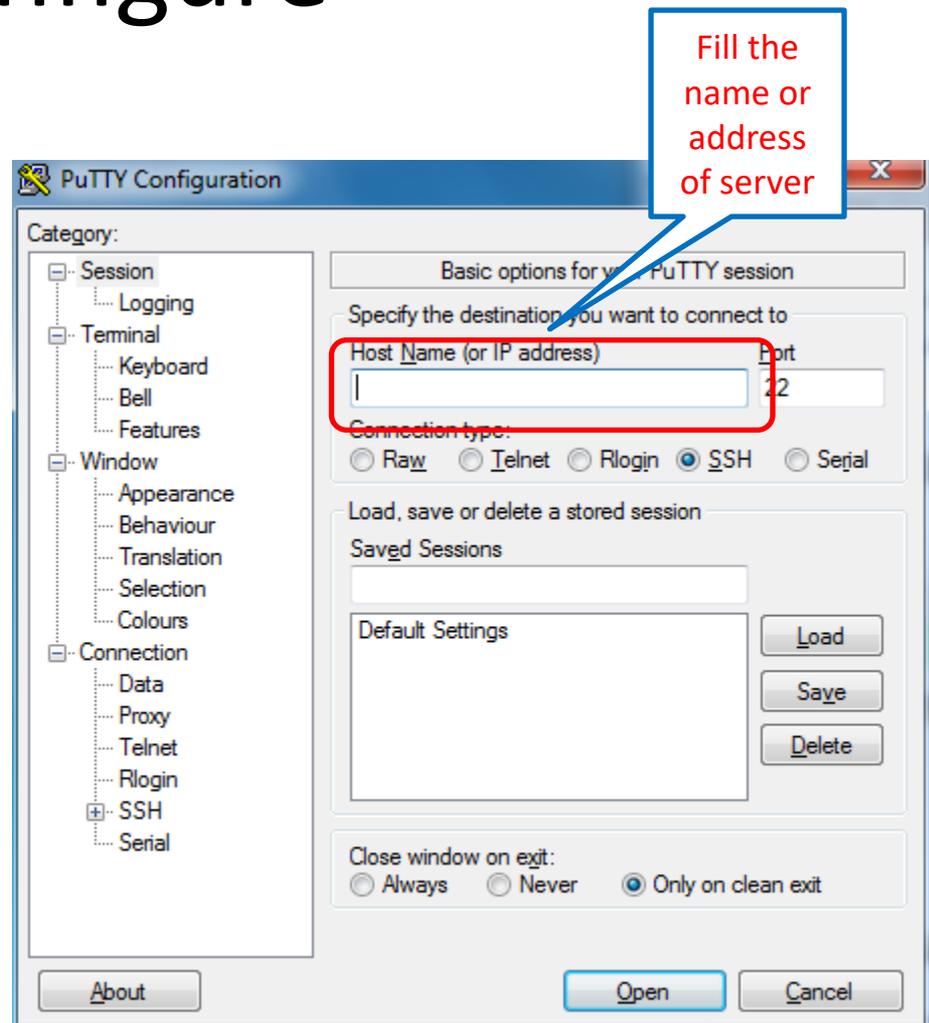


Fig. 2 Interface of Putty

Run Putty and Configure

- We can get the information of servers from the website of CSE (Fig. 3).
 - Website: <http://corner.cse.cuhk.edu.hk/fac/unix.html>

✦ Linux Workstations

Hostname	No. of Processors	RAM	OS	Login	Qty.	Domain
linux1	4	9GB	64bit Debian 6.0.6	Remote login using SSH only	1	Teaching
linux2-4	4	3GB	32bit Debian 6.0.6	Remote login using SSH only	3	Teaching
linux5	4	9GB	64bit Debian 6.0.6	Remote login using SSH only	1	Teaching
linux6-9	5	10GB	64bit Debian 6.0.6	Remote login using SSH only	4	Teaching
linux10	1	3GB	64bit Debian 6.0.6	Remote login using SSH only	1	Teaching
linux11-13	1	7GB	64bit Debian 6.0.6	Remote login using SSH only	3	Teaching
linux14-15	15	30GB	64bit Debian 6.0.6	Remote login using SSH only	2	Teaching
linux16-17	15	45GB	64bit Debian 6.0.6	Remote login using SSH only	2	Teaching

Fig. 3 Available servers

Run Putty and Configure

- Select one of available server, and put its Hostname into the input box of putty interface named “Host Name(or IP Address)”.
 - In this PPT, We select “linux5” for example.

✦ Linux Workstations

Hostname	No. of Processors	RAM	OS	Login	Qty.	Domain
linux1	4	9GB	64bit Debian 6.0.6	Remote login using SSH only	1	Teaching
linux2-4	4	3GB	32bit Debian 6.0.6	Remote login using SSH only	3	Teaching
linux5	4	9GB	64bit Debian 6.0.6	Remote login using SSH only	1	Teaching
linux6-9	5	10GB	64bit Debian 6.0.6	Remote login using SSH only	4	Teaching
linux10	1	3GB	64bit Debian 6.0.6	Remote login using SSH only	1	Teaching
linux11-13	1	7GB	64bit Debian 6.0.6	Remote login using SSH only	3	Teaching
linux14-15	15	30GB	64bit Debian 6.0.6	Remote login using SSH only	2	Teaching
linux16-17	15	45GB	64bit Debian 6.0.6	Remote login using SSH only	2	Teaching

Fig. 3 Available servers

Run Putty and Configure

- Put the “linux15” into input box “Host Name(or IP)”. And then click “open” to start connection.

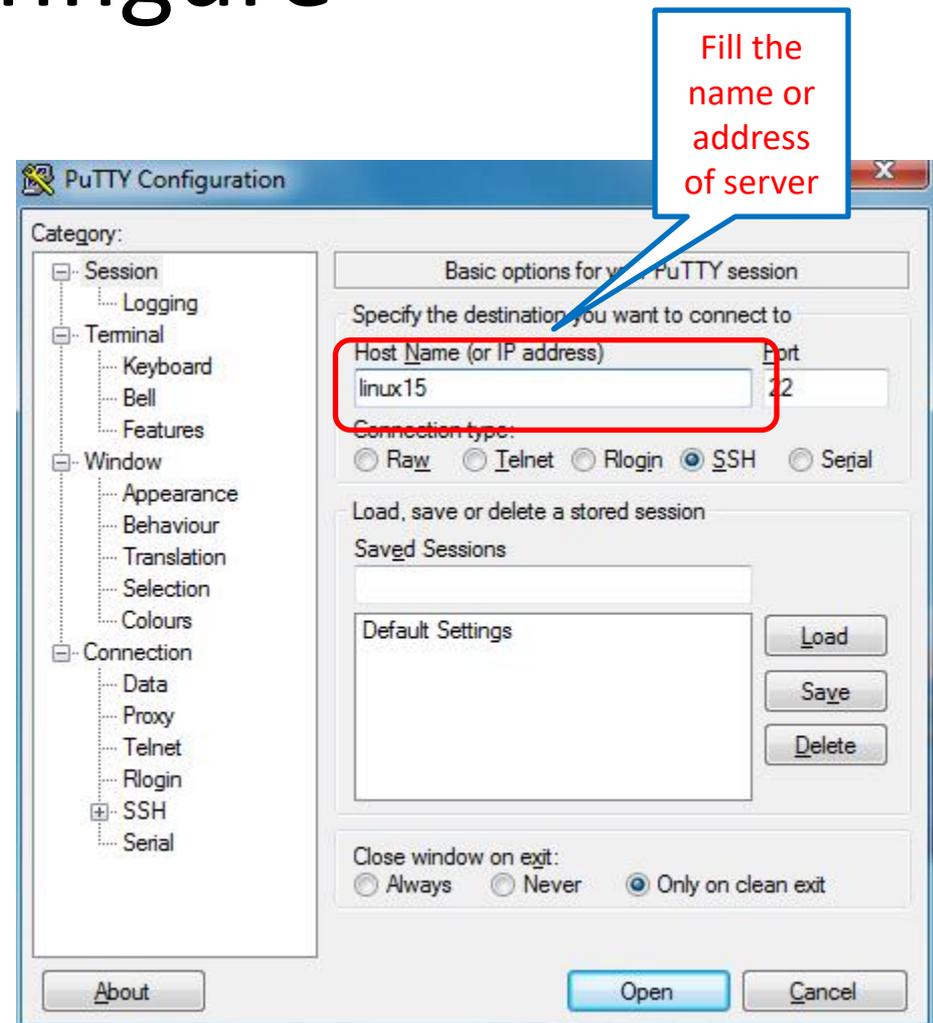
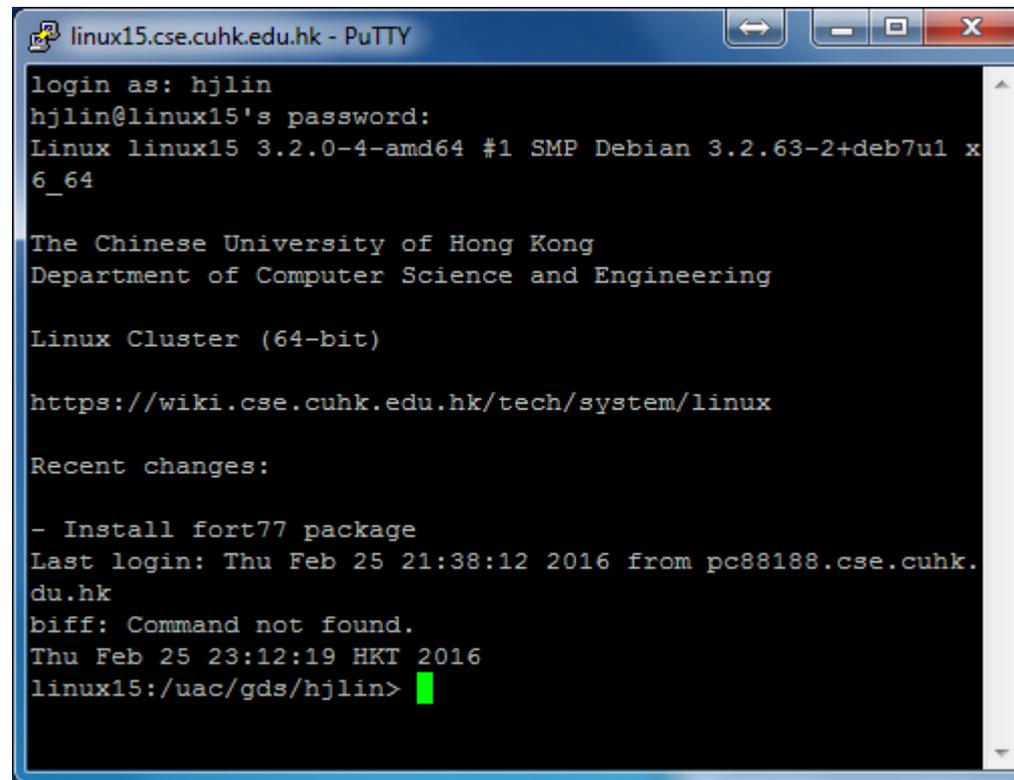


Fig. 4 Input the Host Name

Login the Linux Server

- A console will present and please input your Username and Password. And then you can start your homework on the Server.



```
linux15.cse.cuhk.edu.hk - PuTTY
login as: hjlin
hjlin@linux15's password:
Linux linux15 3.2.0-4-amd64 #1 SMP Debian 3.2.63-2+deb7u1 x
6_64

The Chinese University of Hong Kong
Department of Computer Science and Engineering

Linux Cluster (64-bit)

https://wiki.cse.cuhk.edu.hk/tech/system/linux

Recent changes:

- Install fort77 package
Last login: Thu Feb 25 21:38:12 2016 from pc88188.cse.cuhk.
du.hk
biff: Command not found.
Thu Feb 25 23:12:19 HKT 2016
linux15:/uac/gds/hjlin>
```

Fig. 5 Login the Server