Remote Connection to EE Servers

Introduction to Programming

EE231002

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Remote Connection to EE Servers

- For linux (ubuntu, etc) or Mac systems
  - No need of new software
  - In a terminal, the following commands can be used
  - `ssh`: for remote login
  - `scp`: for copy files (both download and upload)
- For Windows
  - `MobaXterm`: remote terminal and file transfer
    - Software download
    - Connecting to servers
    - Transfer files
  - `PuTTY`: remote terminal
    - Software download
    - Connecting to servers
  - `FileZilla`: for file transfer
    - Software download
    - Connecting to servers
    - File transfer

MobaXterm – Download

- Download page
  http://mobaxterm.mobatek.net/download-home-edition.html

Select the version you want to download (installable or portable version)

⬇ MobaXterm Home Edition v9.3 (Portable edition)

💾 MobaXterm Home Edition v9.3 (Installer edition)

By clicking on the above buttons, you accept MobaXterm terms and conditions

You can download MobaXterm and plugins sources here

MobaXterm – Starting

- Open `MobaXterm` and click `Session`

MobaXterm – Session

- Open a session
  ① Click SSH
  ② Enter NTHU/EE workstation IP
  ③ Enable Specify username and enter username
  ④ Click OK
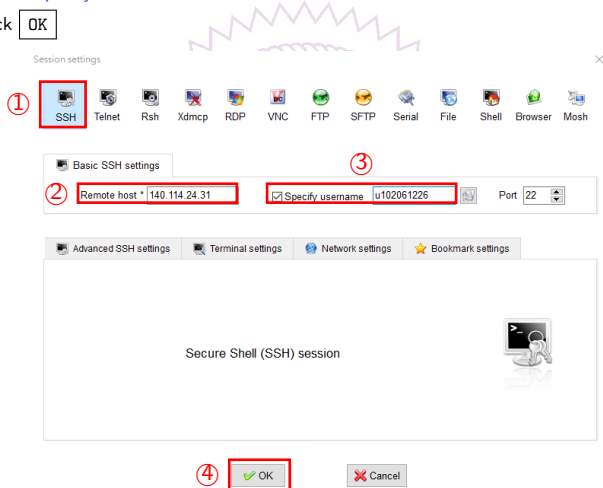
MobaXterm – Upload/Download

- File transfer
  - Click `upload` to upload files from your PC to the current directory on the workstation
  - Click `download` to download files from the current directory on the workstation to your PC

PuTTY – Download

- Download page
  https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html

Package files

You probably want one of these. They include all the PuTTY utilities.

(Not sure whether you want the 32-bit or the 64-bit version? Read the FAQ entry.)

MSI ('Windows Installer')
32-bit:	`putty-0.70-installer.msi`	(or by FTP)	(signature)
64-bit:	`putty-64bit-0.70-installer.msi`	(or by FTP)	(signature)

Unix source archive
`.tar.gz`:	`putty-0.70.tar.gz`	(or by FTP)	(signature)

- Open putty and connect
    - ① Enter NTHU/EE workstation IP: 140.114.24.31
    - ② Click Open
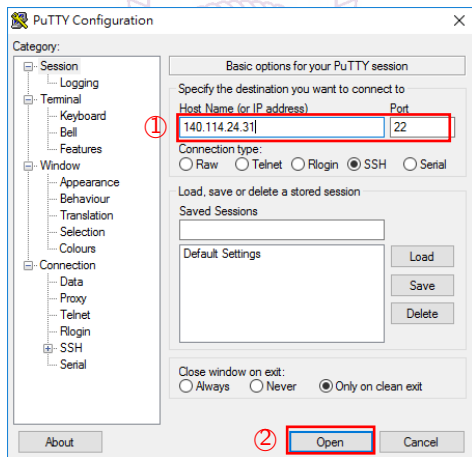
PuTTY – Name a Session

- Save a session
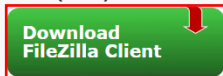 - ① Enter the name of the session
  - ② Click Save
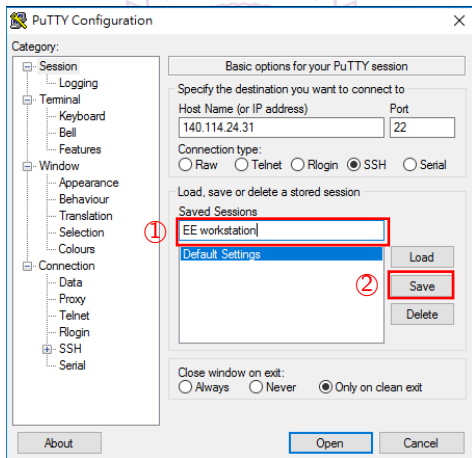
- Download page https://filezilla-project.org/download.php?type=client

FileZilla – Starting

- Start
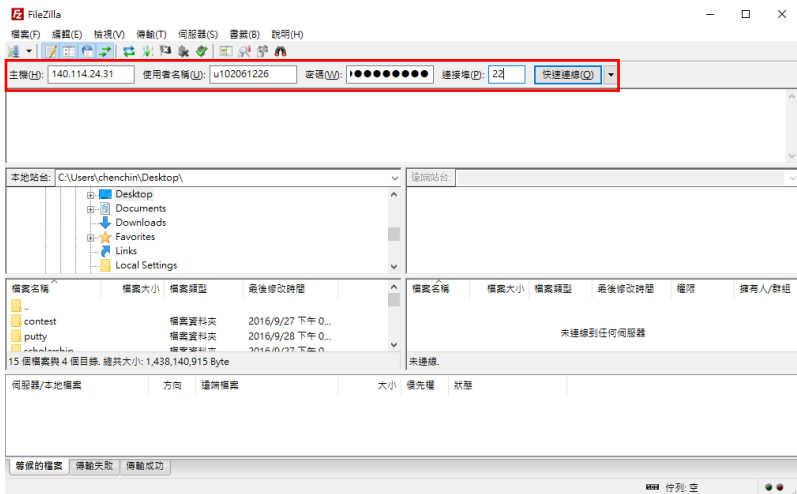
FileZilla – Upload/Download Files

- File transfer

You can do the similar operations on the right hand side to download files from workstation to local