

## File Transfer (WinSCP version)

Last Update: May 24, 2024 (update description about openssh keys)

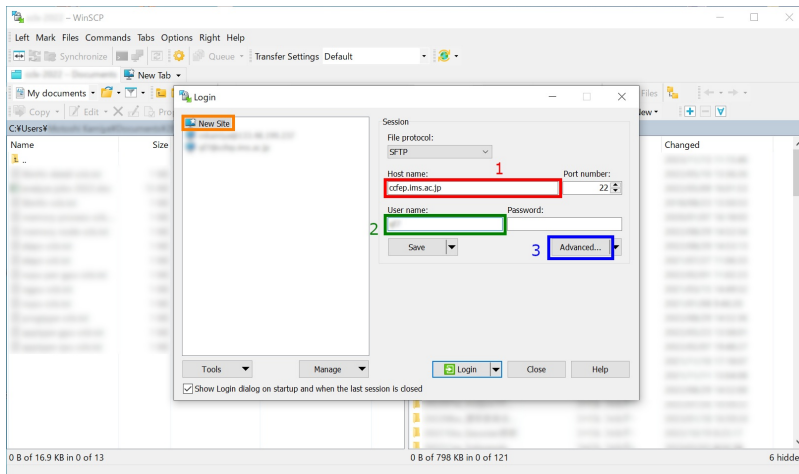
## Installation of WinSCP

You can download WinSCP installer at <https://winscp.net>. Please follow the instructions in the installer.

If you don't have SSH keys, please generate ones first. There are some guides in [Quick Start Guide](#) page.

## How To

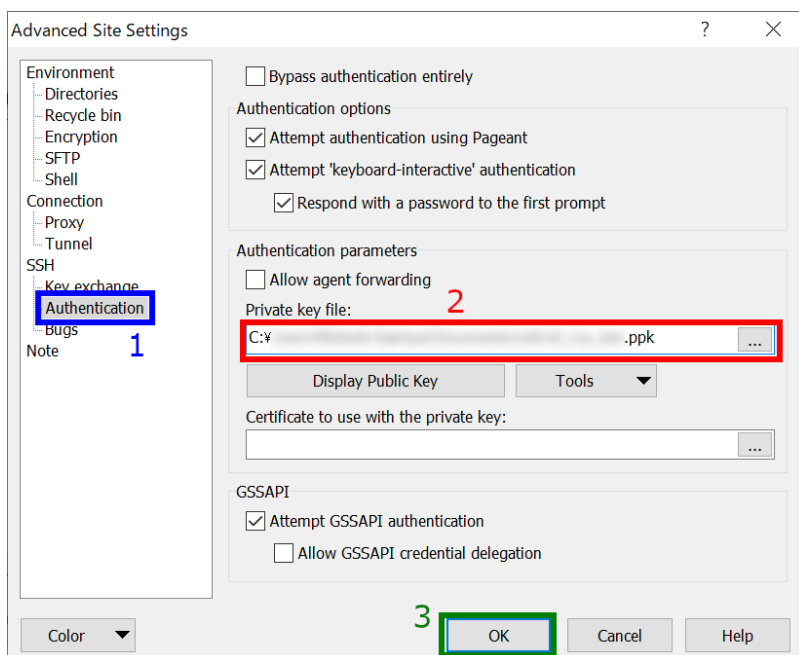
### 1. Launch WinSCP and Begin Setup



Launch WinSCP and begin configuration as a "New Site".

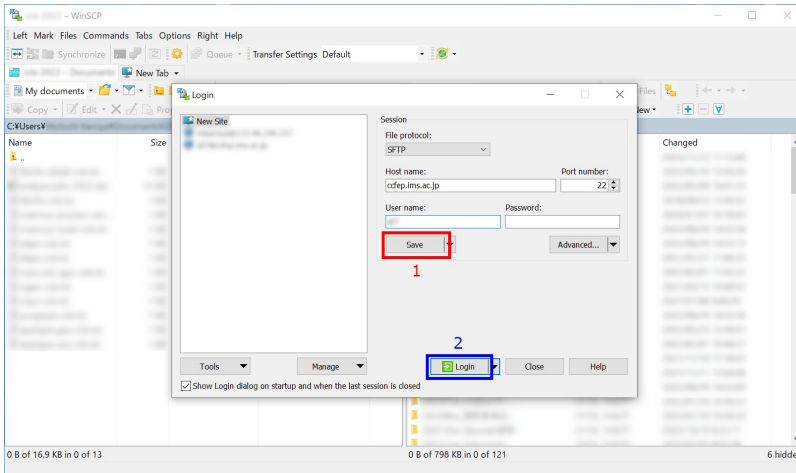
1. input `ccfep.ims.ac.jp` in Host name box
2. input `RCCS` user name here (3 letter ID)
3. Click `Advanced...` button for private key setting

### 2. Specify Private Key



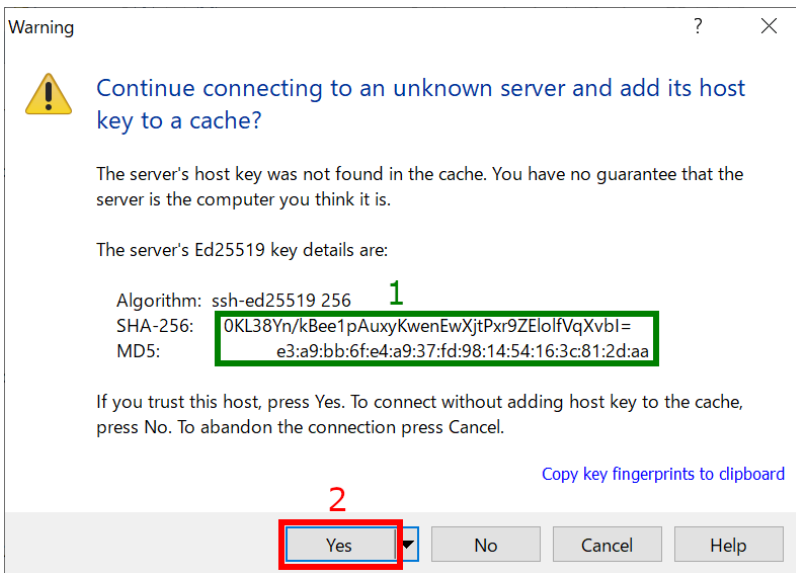
In the "Advanced Site Settings" window, select "Authentication" item inside "SSH" menu, and then specify private key file. WinSCP can use only PuTTY format keys (.ppk). However, you can choose OpenSSH (including Tera Term) key here; WinSCP will offer you to convert it to PuTTY format. After the private key setup, click "OK" to go back to the initial window.

### 3. Save Config and Begin Connection



At this point, you can begin connection to the frontend server. However, we recommend you to save configuration here. Then, click "Login" to begin connection.

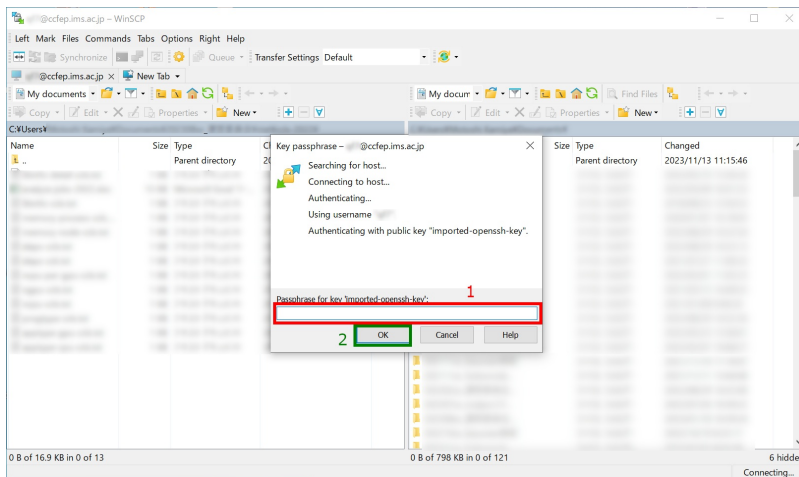
### 4. Security Warning upon first Connection



You may see warning window like above upon first connection. You need to verify the fingerprint of the server. The fingerprint must match either one in the following list. Then, click "Yes" to continue.

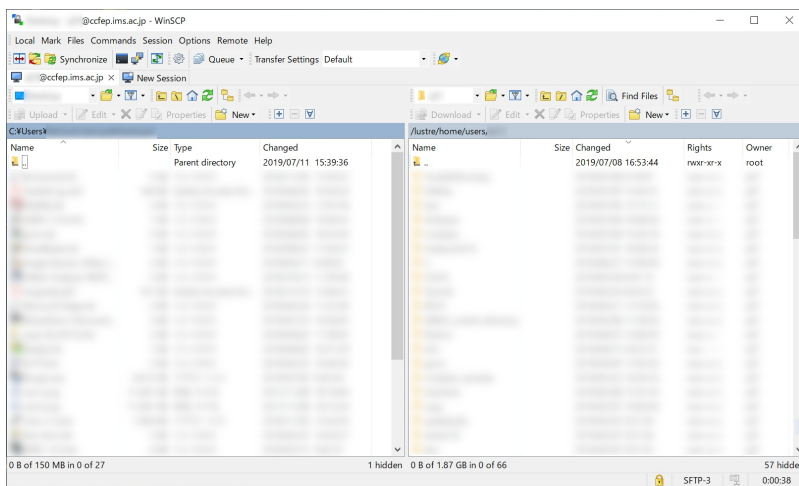
- ad:de:79:30:81:b0:b1:6a:17:f5:6f:ea:f4:b4:3b:de (MD5)
- e3:a9:bb:6f:e4:a9:37:fd:98:14:54:16:3c:81:2d:aa (MD5)
- 07:7e:df:7b:16:47:a8:f5:7c:48:b0:a3:d3:86:71:6a (MD5)
- wnEM30z4AxyDJ9XI/DdGr2PINeovFRR8v5krXHEmdU (SHA256)
- 0KL38Yn/kBee1pAukyKwenEwXjtPxr9ZEloIofVqXvbl (SHA256)
- Nhg+9Lgj3XeuW//A/j7jggUJllxWehryCtStlp1Dir (SHA256)

### 5. Input Passphrase of Private Key



Input passphrase of private key and then click OK. (If you are using Pageant and the key is registered correctly, this skip may be skipped.)

## 6. Completed!



If everything works fine, you will successfully logging in to the frontend node.  
If you failed to logging in, please update your WinSCP to the latest version and retry.  
[Please contact us](#) if the update of WinSCP doesn't solve the problem.