# Documentation to connect to VM for python notebook with VS code (for Windows)

Most info is taken from here (in case there is anything missing): <https://code.visualstudio.com/docs/remote/ssh>

And, documentation from DCE (cs service) here: <https://dce.pages.centralesupelec.fr/>

Basically:

Graphical user interface, text

Description automatically generated

## OpenSSH Client

* Follow this tutorial: <https://www.youtube.com/watch?v=aT-xCPQZRcQ>
* If it doesn’t work, follow this one: <https://learn.microsoft.com/en-us/windows-server/administration/openssh/openssh_install_firstuse?tabs=powershell>

(First one should be easier)

## Graphical user interface, text, application Description automatically generatedVS requirements

Graphical user interface, text, application, chat or text message

Description automatically generatedGraphical user interface, text, application, chat or text message

Description automatically generated

Finally:

Go to an email in CS account that you received from: [noreply@gadm.dce-cs.fr](mailto:noreply@gadm.dce-cs.fr)

It should look something like this:

Graphical user interface, text, application, email

Description automatically generated

So, after this, whenever it says user is (in my case): hernandez and hostname: chome.metz.supelec.fr

You can change the password if you want to with command: passwd after you are logged in with at a command prompt

Then follow these steps: (keep in mind you will need in many cases administrator permission)

Graphical user interface, application, Teams

Description automatically generated Just run as administrator

Graphical user interface, text, application

Description automatically generated

I selected Linux for next step

Graphical user interface, text, application, email

Description automatically generated

Now, something like this should appear on the bottom left of vs

Text

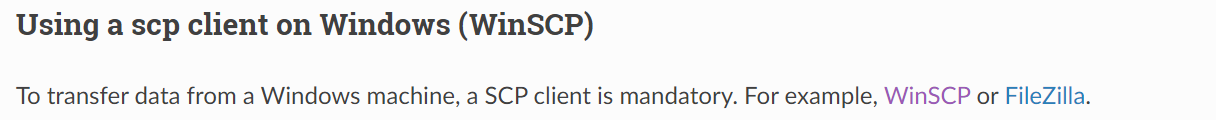
Description automatically generated

Graphical user interface, application

Description automatically generated

We don’t have any documents in the VM, so we need to transfer

I downloaded this: WinSCP (suggested here: <https://dce.pages.centralesupelec.fr/04_data_storage_file_transfer/> )



Open it and create new site: repeat the username etc as before. I kept file protocol as SFTP but I don’t understand about the differences.

Graphical user interface, Word

Description automatically generated

Then just copy from one side to the other:

Graphical user interface, application

Description automatically generated