

SAE Notice Anglais

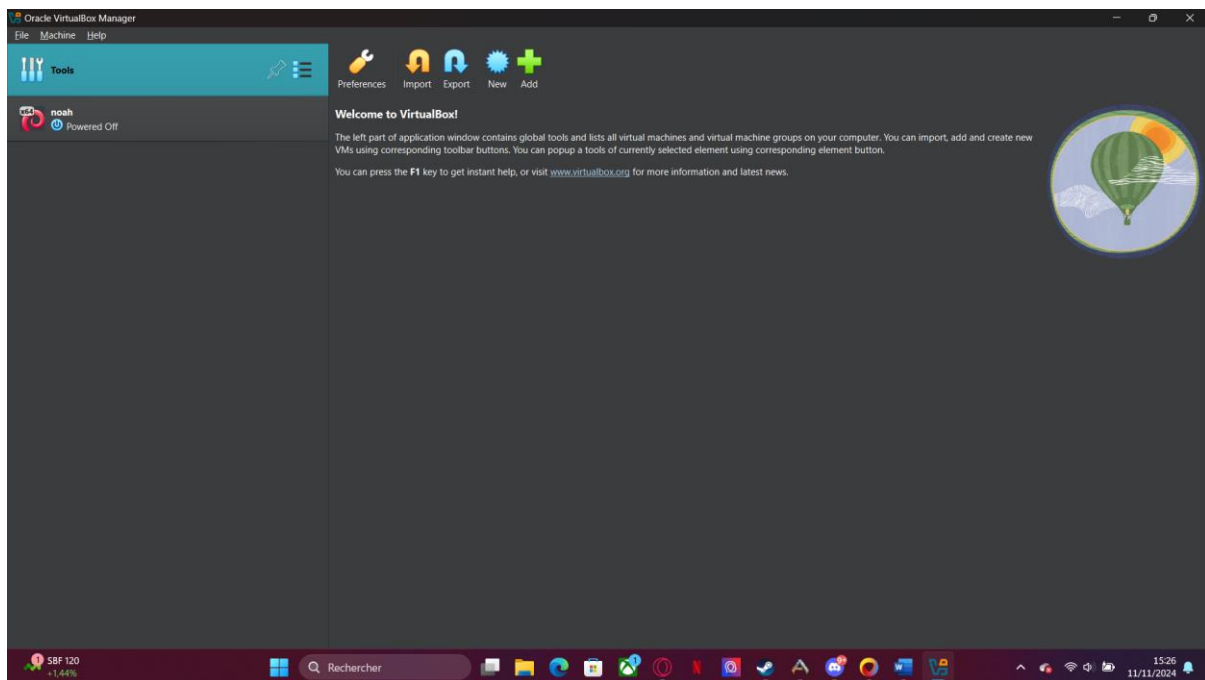
Hello and welcome to the installation and usage instructions of the Oracle VirtualBox virtual machine ! (Written by Kylian Allard Guerente and Noah Hoylaerts).

Step 1 : Install Oracle VirtualBox

If not already installed, please download the Oracle VirtualBox software at this adress : <https://www.virtualbox.org/wiki/Downloads>.

Download it and launch the software.

After a few seconds or minutes, you should have a similar menu as this one :

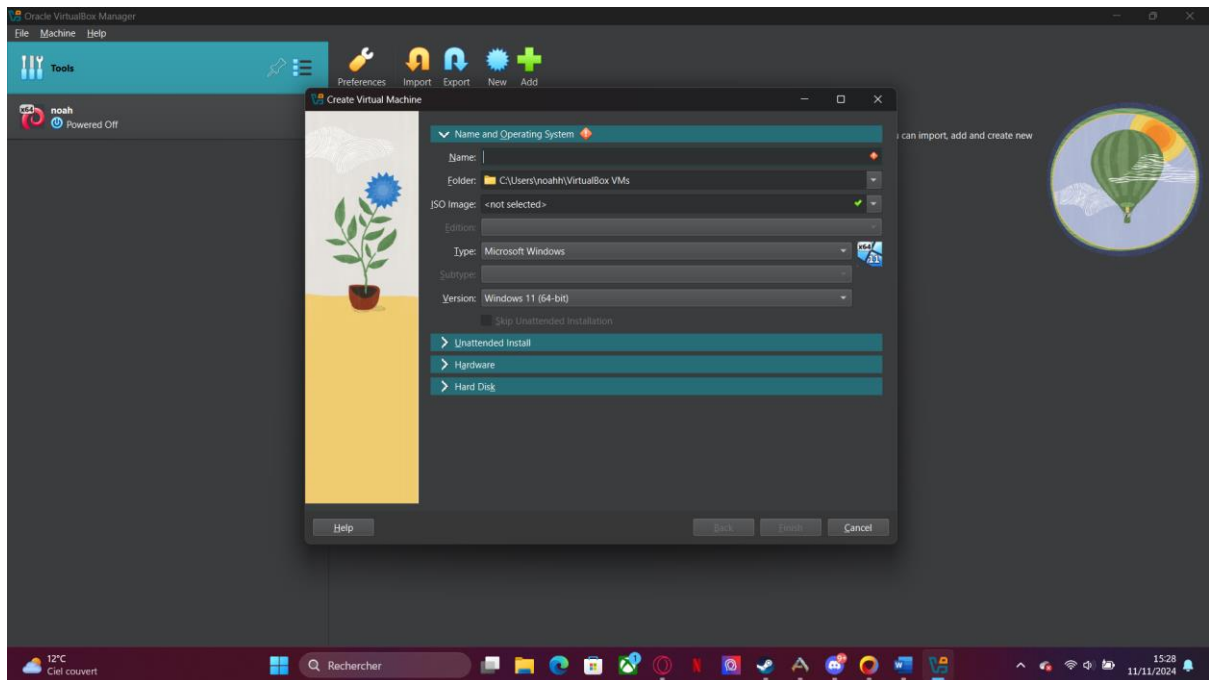


Congratulation ! You have installed Oracle VirtualBox successfully and you can now go on to the next step of this installation guide !

Step 2 : Creation of a new virtual machine :

In this step, you will learn to configure your first virtual machine, in order to do so, you have to click “New” on the top.

A new window opens up and should look like this :



Give your machine a name, make sure that it's distinctive.

By default, the software uses a predetermined path to install a virtual machine, this path is : C/Users/<username>/VirtualBoxVMs.

This path is selected by default but you can change it as you like.

In this guide, we will be using the Debian Distribution of Linux. However you are free to choose the version of your liking.

Next click on “Type” and select “Linux” then click on “Subtype” and select “Debian”. Once this is done, the software will select a base version on 64 bits.

You can now press “Finish”.

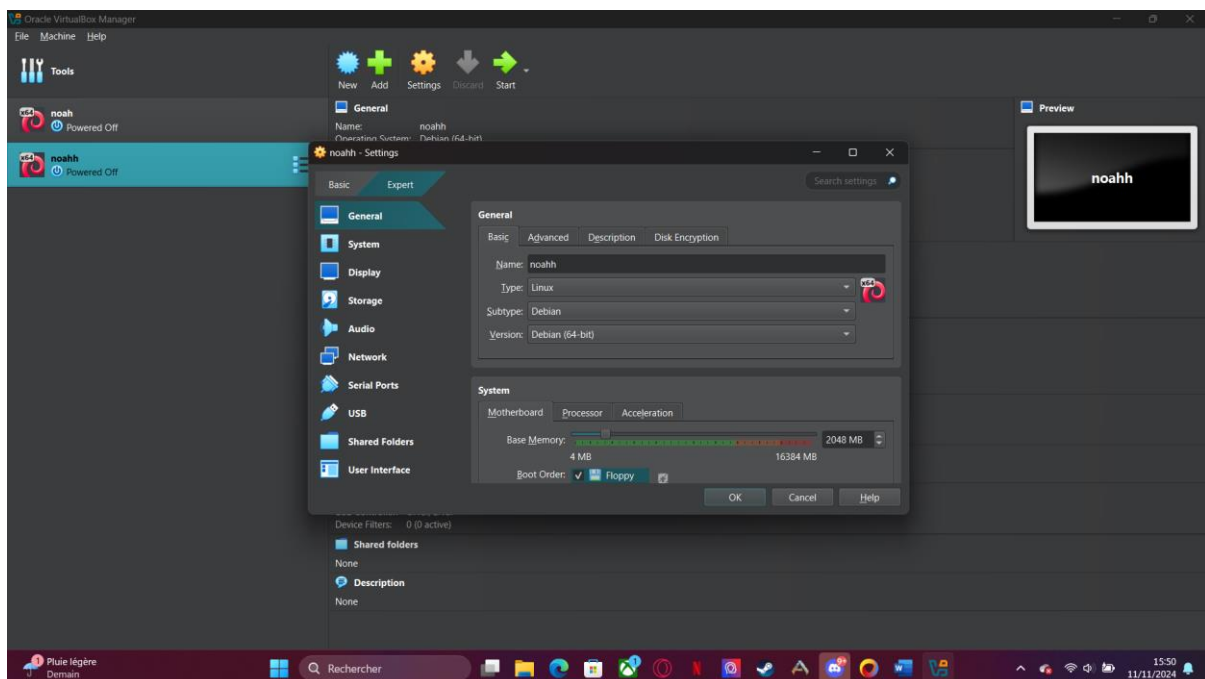
Congratulations, you have created your first virtual machine ! Let's now head to step 3.

Step 3 : Configuration of the virtual machine :

Now that your virtual machine has been created, you have to configure it.

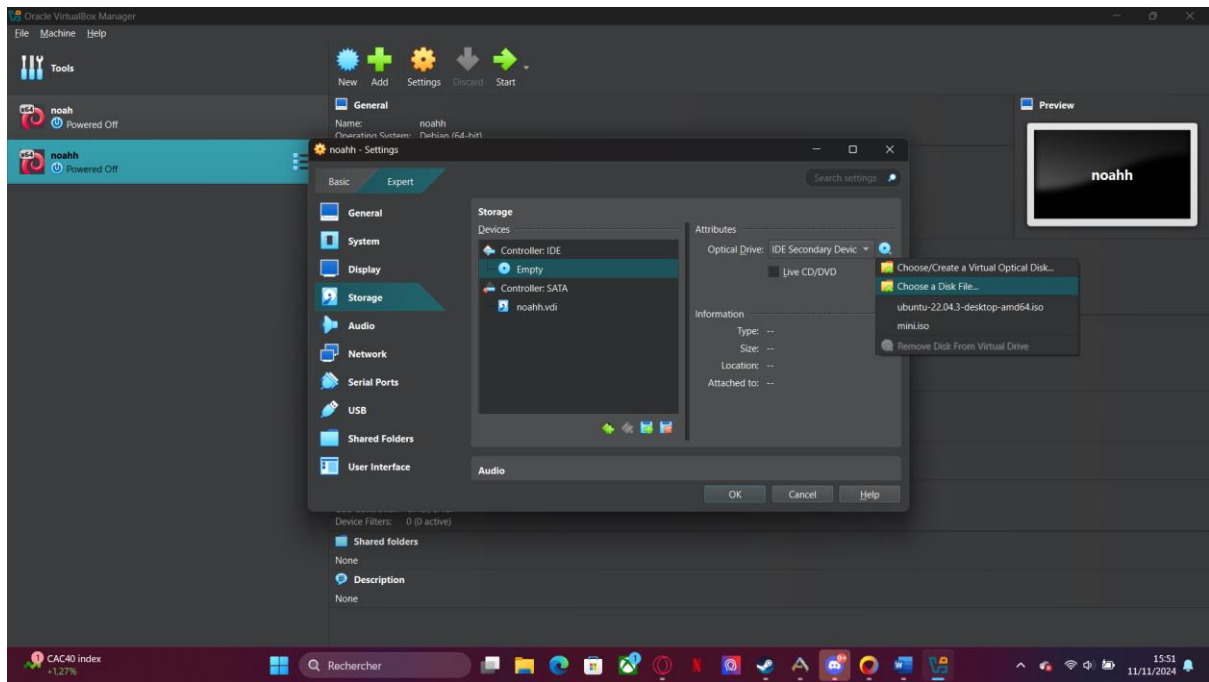
To do so, click on your freshly created virtual machine and select “Settings”.

A new window should open and look like this :



By default, the software uses settings needing little resources to work on the lower-end computers, if your computer is powerful then we recommend to modify these settings : Go to “System” and up the Memory without exceeding the orange bar under the cursor, then click on the processor and reiterate the procedure.

Then, you will install the Operating System that you like, in order to do so click on the “Storage” tab and select the small blue disk under “IDE Controller” and select the small blue disk again, then press on the “Choose a disk file” option like in this image :



After that, select the disk image containing your Operating System and click “OK”.

Congratulations ! You have finished step 3 and you are now ready to launch your virtual machine !

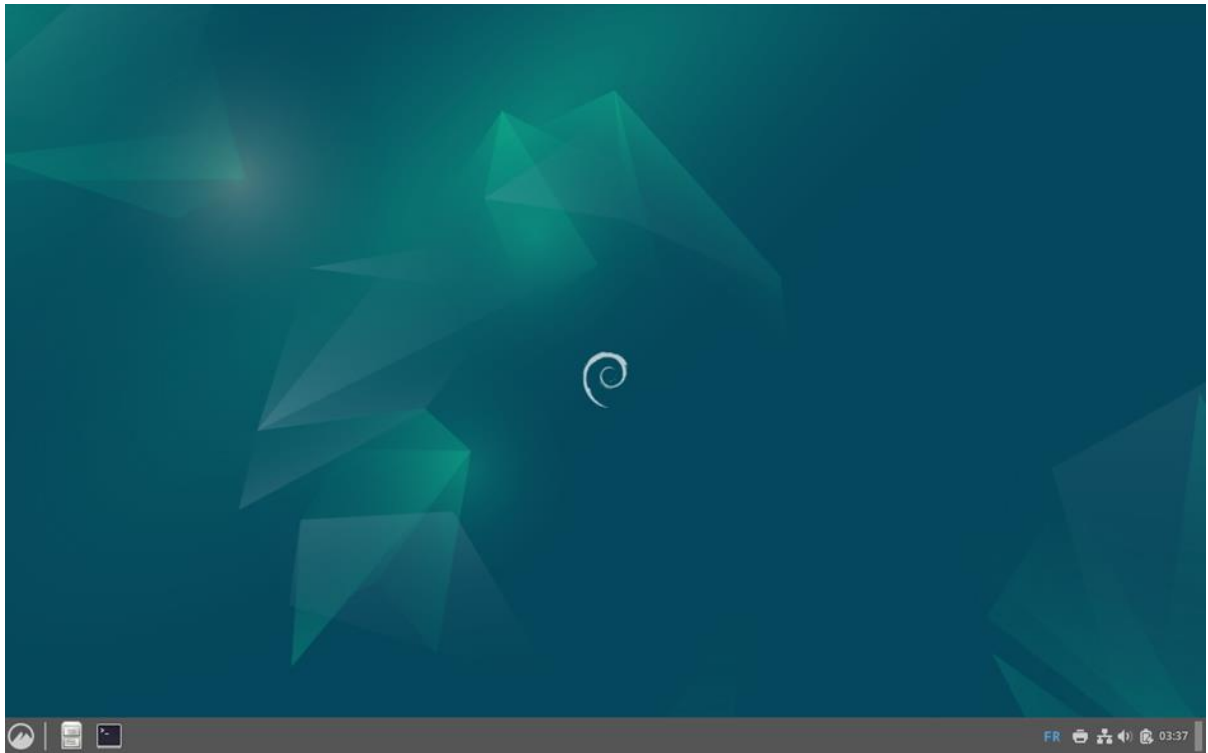
Step 4 : Launching the virtual machine :

Now that you have finished the installation and configuration of your virtual machine, you have to launch it and install your Operating System.

This section of the process will include a lot of waiting because of the amount of data needed to be transferred to your computer, so the following steps are in between these moments.

Once launched, press « Enter » on « Install ». Then select your Language with the arrow keys. Select your country then the configuration of your keyboard. Name your machine on the network, then press « Enter » twice. Choose your country then your mirror, this is where you’ll download from so choose somewhere close to you, press « Enter » and choose your username and password.

Congratulation, you have installed your Operating System on your virtual machine ! If you selected the same Operating System as us, your should have the following desktop :



This concludes our guide on the installation and configuration of a virtual machine. You can now install and configure a virtual machine on any computer !

Thank you for reading this guide !

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