# Tips for Running VirtualBox on My PC

When running a Lab on students' PCs, VirtualBox reserves a set of surprises. These are mainly due to hardware compatibility or to OS versions. Here is a non-exhaustive list (hopefully not modified next year) of the problems.

## -. On Hardware Acceleration

When the error message `VT-x/AMD-V hardware acceleration is not available on your system` welcomes you, you should be ready to go into the BIOS. The way to do it depends on the hardware. Here is one example for Lenovo Laptops:
https://support.lenovo.com/us/en/solutions/ht500216

## -. On Host Only Adapters

Go figure out why some PCs did not show a Host Only adaptor. You can type `ipconfig` to verify that the interface is present. If this is not the case, go to `File→Preferences→Network` and add a host only interface.

## -. On Networking

If you are using Host Only interfaces, you should preferably deactivate any external connection such as WiFi or Ethernet. You can also assign static addresses to the host and the guest interfaces in order to enable communications.

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