

CentOS VM on Win10: Installation instruction

1. Enable virtualization in the Bios following these [steps](#).
2. Login as administrator (user: itc_admin)
3. Set up Hyper-V virtualization following these [steps](#)
During the process:
 - a. Make sure all the items under the Hyper-V feature are marked when you enable it.
 - b. When creating the virtual switch, select the wireless adaptor (name starts with: Intel) from the dropdown of 'external networks'.
You can define another virtual switch for the LAN adaptor (name starts with: Realtek PCIe) if you're also going to be connected via a cable at home.
4. Define a new virtual machine following these [steps](#)
During the process:
 - a. Select 'generation 2' virtual machine
 - b. Allocate 4Gb of RAM to the VM and 50Gb of disc space.
 - c. Make sure to direct the installation to your CentOS .iso file (under "Installation Options").
 - d. In "Part Two: Configure temporary network access", select the virtual switch you defined earlier instead of removing the adapter.
 - e. Before starting the VM, right click the new VM, go to settings → security and uncheck the 'Enable Secure Boot'
 - f. During installation, make sure to:
 - i. Define your time zone
 - ii. Under Software Selection: choose between a Gnome or a KDE installations
 - iii. Enable networking
 - iv. Create your user (as administrator) and define a root password
5. After installation, you can enhance resolution (and screen size, play with it for different sizes) with this command (in a terminal):

```
$sudo grubby --update-kernel=ALL --args="video=hyperv_fb:1440x810"
```

 Then reboot the VM:

```
$sudo reboot
```