# Homework M2: Virtualization

Main goal is to build further on what was demonstrated during the practice

## Tasks

Create an additional\* virtual machine (member server) on your host or the solution you use

1. Do a core (if it is difficult for you, create one with desktop experience) installation (Standard Edition is just fine)
2. Promote the machine to virtualization host (install the appropriate roles and features)
3. On this new virtual Hyper-V host, create one Generation 1 virtual machine (it will be a Linux based) with:
   1. one virtual processor
   2. 256 GB of non-dynamic memory
   3. one network adapter connected to an external virtual switch (create the switch if nonexistent)
   4. for hard disk use the file downloaded from here: <https://zahariev.pro/go/wsaa-templates> (look for the file **ALP-WEB.vhdx**)
   5. Start the VM

\* Other machines can be turned off to free some resources. Also, this machine can be part of the AD (better and easier) or stand-alone

\*\* If you feel adventures, use the following credentials (**root** / **Password1**) and change the network settings in the **/etc/network/interfaces** file to match the ones in your network. Once done, try to access the web page that is in the VM

## Proof

Prepare a document that show what you accomplished and how you did it. It can include (not limited to):

1. The commands you used to achieve the above tasks
2. A few pictures showing intermediary steps or results