

Virtual Machines

Setup

Goal: Have a win10 and linux vm.

1. Download Oracle VM VirtualBox: <https://www.virtualbox.org/wiki/Downloads>
2. Download a Win10 VM via the media creation tool: <https://www.microsoft.com/de-de/software-download/windows10>
3. Download a Linux Ubuntu VM: <https://ubuntu.com/download/desktop/>
4. Mount the downloaded iso files to VirtualBox-machines by clicking "new".
5. Giving them 10gb memory space, 2048mb of ram and 1 core of my Processor.
6. Create a Virtual Network and let both vm's use it.
7. Start them.
8. open a terminal and the respective info window for ipv4 addresses
9. ping the other

Website

Goal: Have a server on one VM and connect to it from the other

1. Become sudo user by following this [link](#).
2. Install Apache:

```
sudo apt update  
sudo apt install apache2
```

3. Configure Firewall:

```
sudo ufw allow 'Apache'
```

4. Check Apache Status: running

```
sudo systemctl status apache2
```

5. Access the example Website from the other vm