

## Install MiniNam on Windows 10

created by Liam Waters on 25-03-2020 (ldwat@hotmail.com) - many thanks, J

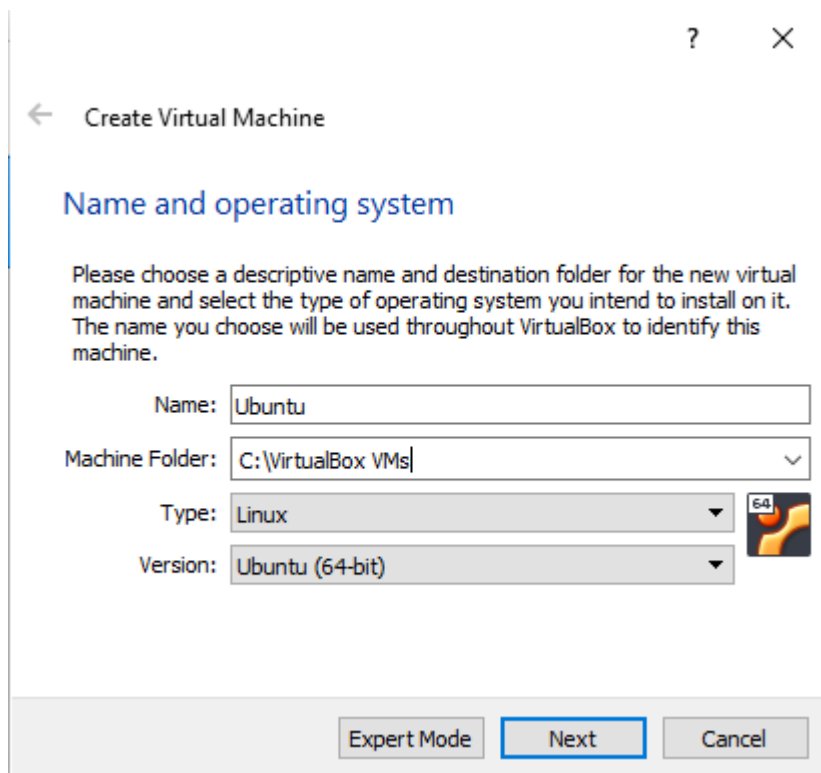
Download and install latest version of VirtualBox <https://www.virtualbox.org/wiki/Downloads>

Install with default settings

Download latest Ubuntu image. Example site is <https://www.osboxes.org/ubuntu/>

Unzip to folder on Windows PC with VirtualBox installed

Create new VM with Linux




← Create Virtual Machine

### Name and operating system

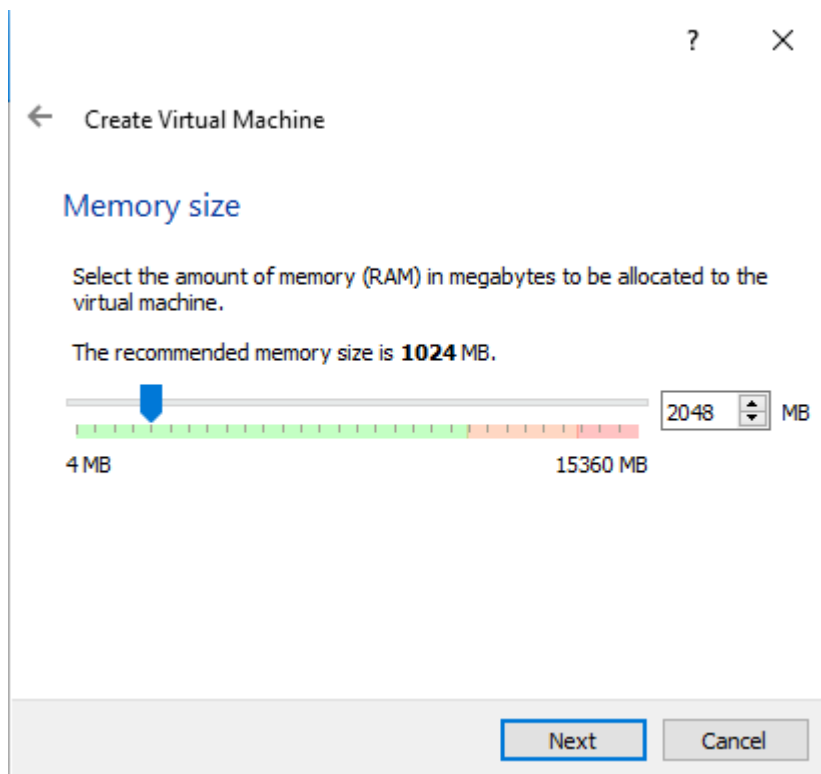
Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.

Name:

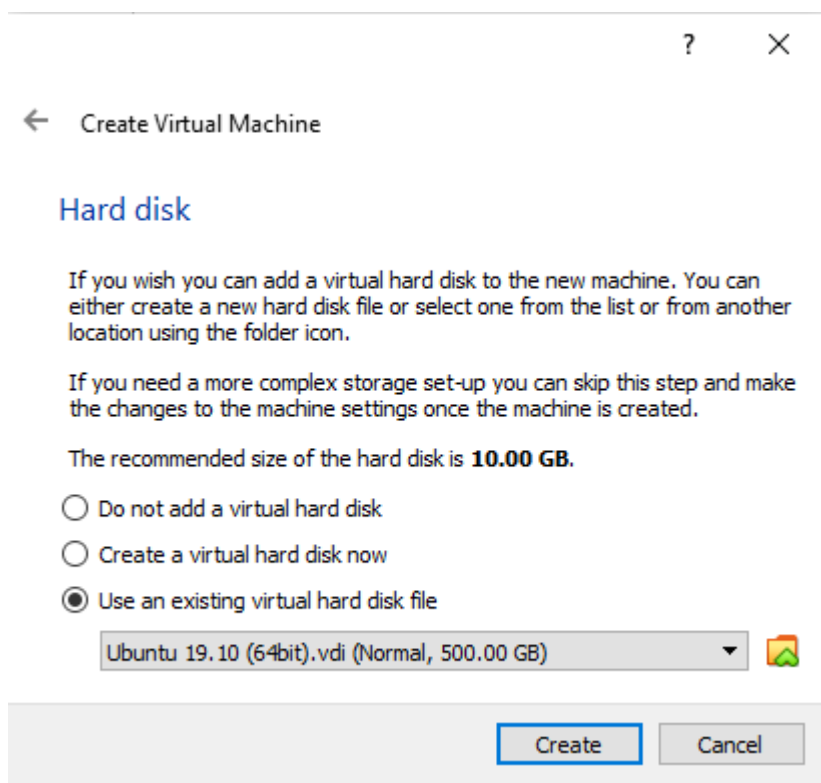
Machine Folder:

Type:  

Version:



Select attach existing hard disk and navigate to the extracted vdi



Boot image and log in

Image may update OS patches automatically. Wait till finished and reboot

```
sudo apt-get install python-imaging-tk
```

```
sudo apt-get install xterm
```

```
sudo apt-get install Mininet
```

Download MiniNam <https://github.com/uccmisl/MiniNAM>

Extract files to MiniNAM folder

Run *sudo python MiniNAM.py* from downloaded folder

Enjoy