

Virtual Machine Setup - Assignment 0

Step 1 - Downloads

Download a Virtual Machine hypervisor. You are free to choose any of the following options:

- Oracle VirtualBox
- VMWare Workstation Player

Step 2 - Virtual Machine Provisioning

Minimum specifications for the virtual machine:

- 2 cores.
- 4GB memory.
- 30GB storage/HDD space.
- OS Image : Ubuntu 22.04

Recommended specifications:

- Half the cores available.
- 8GB memory or half the memory available.
- 50GB storage/SSD space.

Step 3a - for VMWare Workstation Player users

Follow the screenshots given below to create an Ubuntu 22.04 VM with the necessary specifications in VMWare.

Easy Install Information

This is used to install Ubuntu 64-bit.

Personalize Linux

Full name:

User name:

Password:

Confirm:

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Easy Install Information

This is used to install Ubuntu 64-bit.

Personalize Linux

Full name:

User name:

Password:

Confirm:

[Help](#)[< Back](#)[Next >](#)[Cancel](#)

Name the Virtual Machine

What name would you like to use for this virtual machine?

Virtual machine name:

Location:

The default location can be changed at Edit > Preferences.

Processor Configuration

Specify the number of processors for this virtual machine.

Processors

Number of processors:

Number of cores per processor:

Total processor cores:

2

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Memory for the Virtual Machine

How much memory would you like to use for this virtual machine?

Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.

Memory for this virtual machine: MB

128 GB -
64 GB -
32 GB -
16 GB -
8 GB -
4 GB -
2 GB -
1 GB -
512 MB -
256 MB -
128 MB -
64 MB -
32 MB -
16 MB -
8 MB -
4 MB -

Maximum recommended memory:
13.4 GB

Recommended memory:
4 GB

Guest OS recommended minimum:
2 GB

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Maximum recommended memory:
13.4 GB

Recommended memory:
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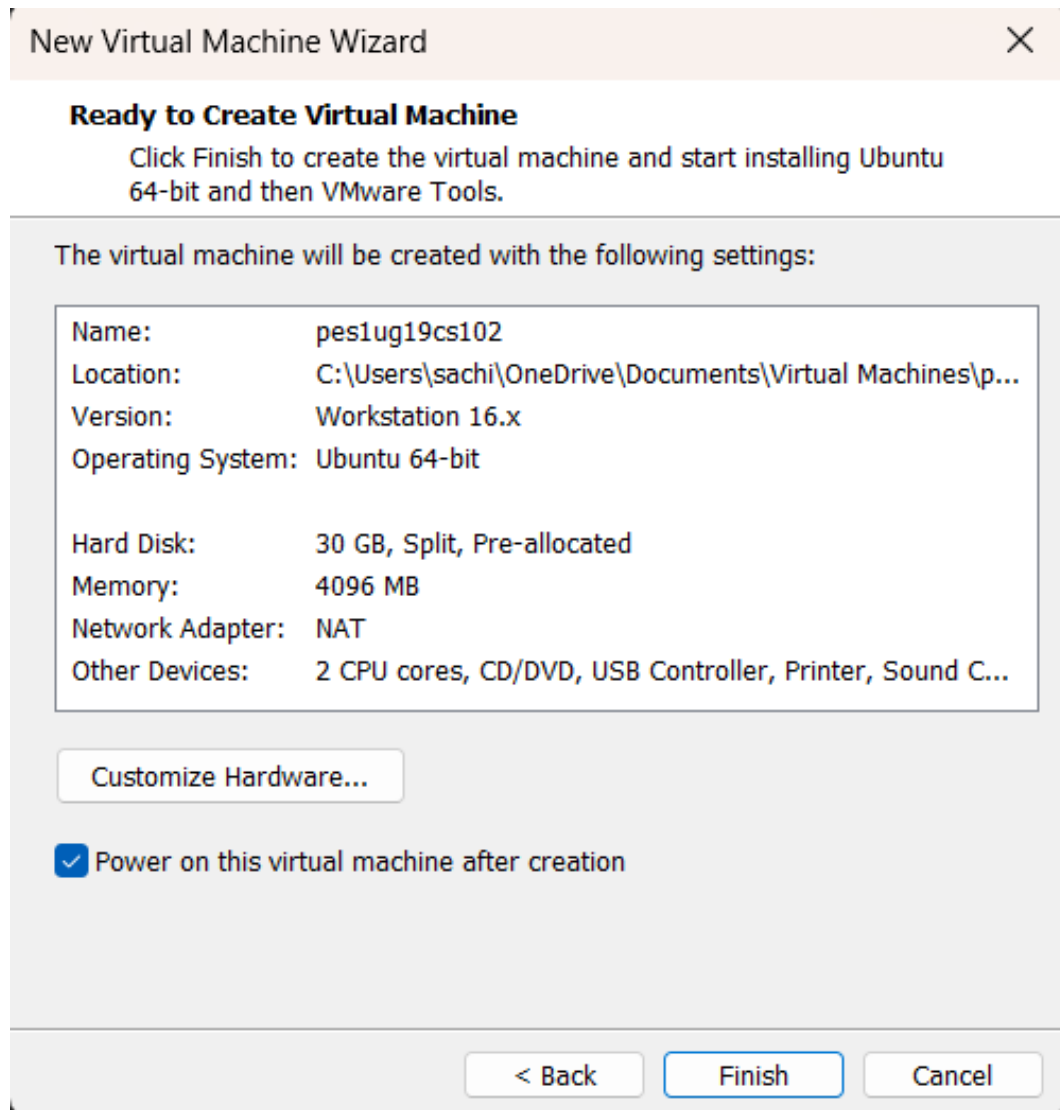
Guest OS recommended minimum:
2 GB

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Your final configuration should resemble the image given above if using VMWare.

Please ensure that your hostname is your SRN in lower case.

Step 3b - for VirtualBox users

Since VirtualBox does not allow the user to pre configure the hostname as well as the password before provisioning the VM, the user will have to manually add their hostname as well as password during the Ubuntu setup screen. Follow the screenshots below if using VirtualBox.

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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: ▾

Expert Mode

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Memory size

Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.

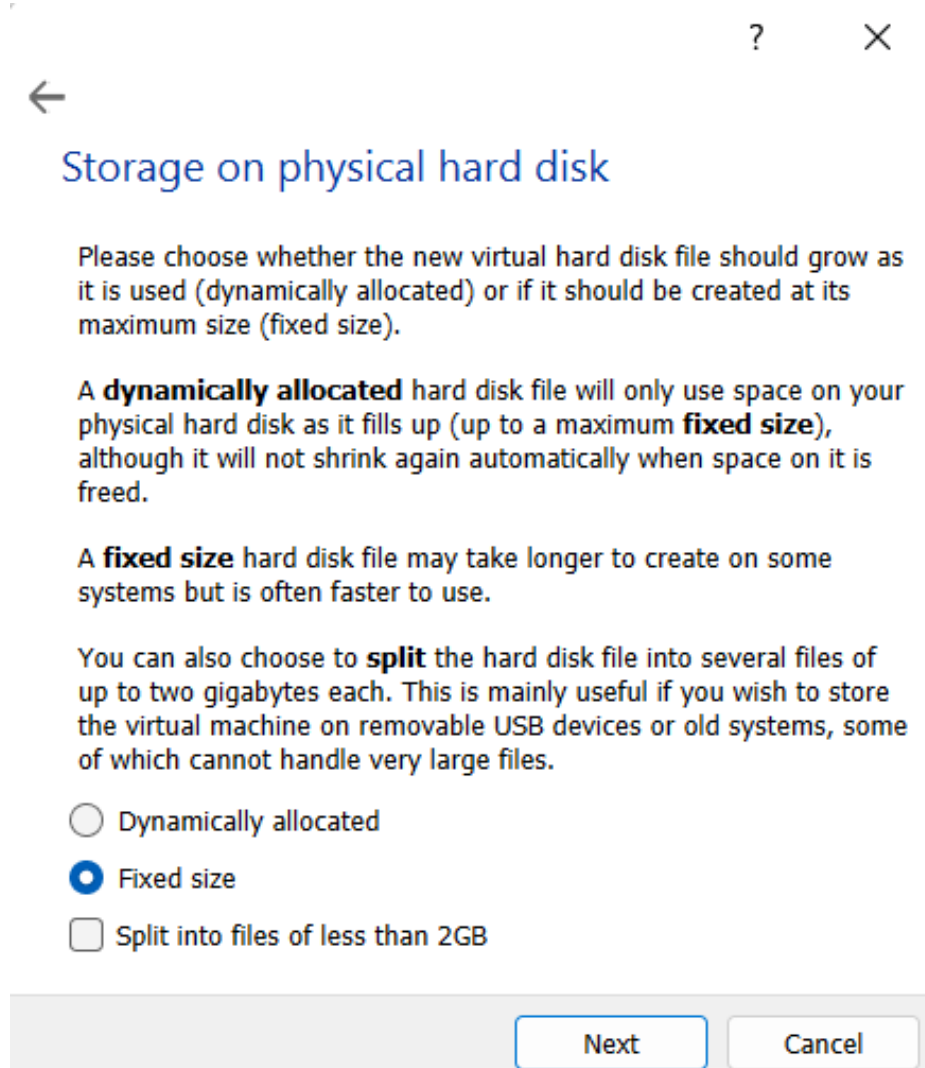
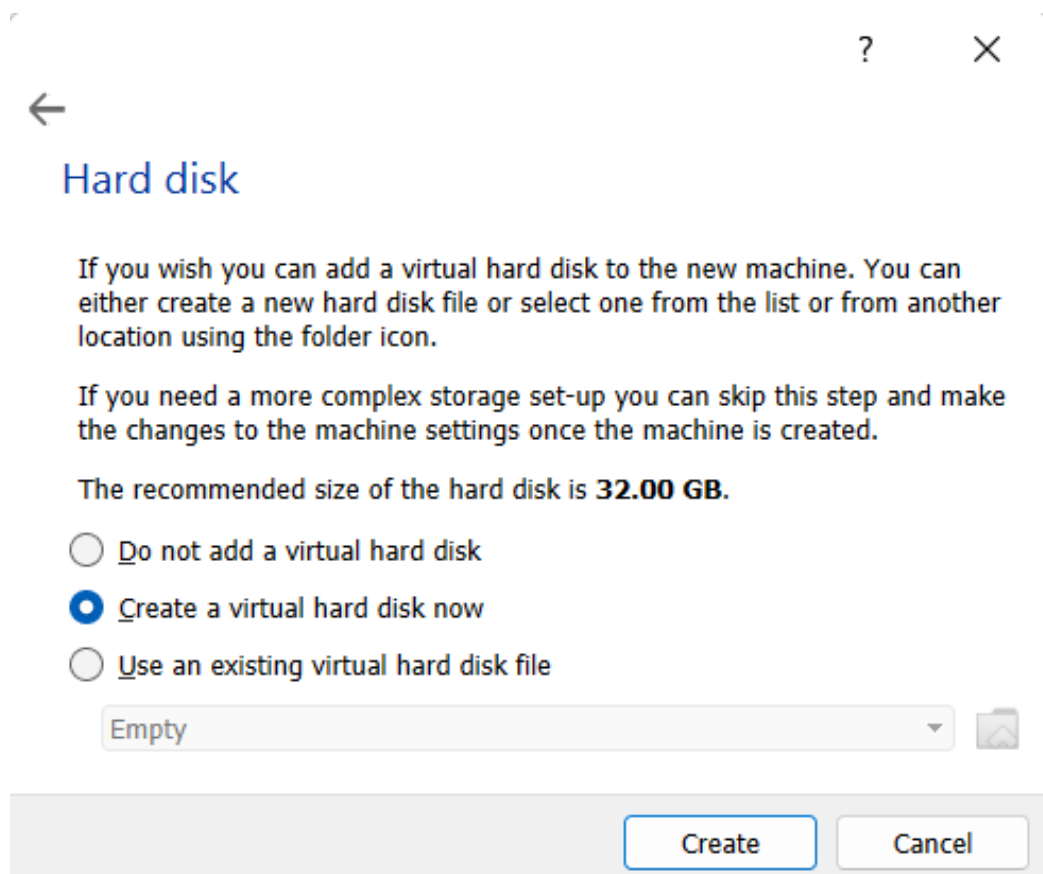
The recommended memory size is **2048 MB**.

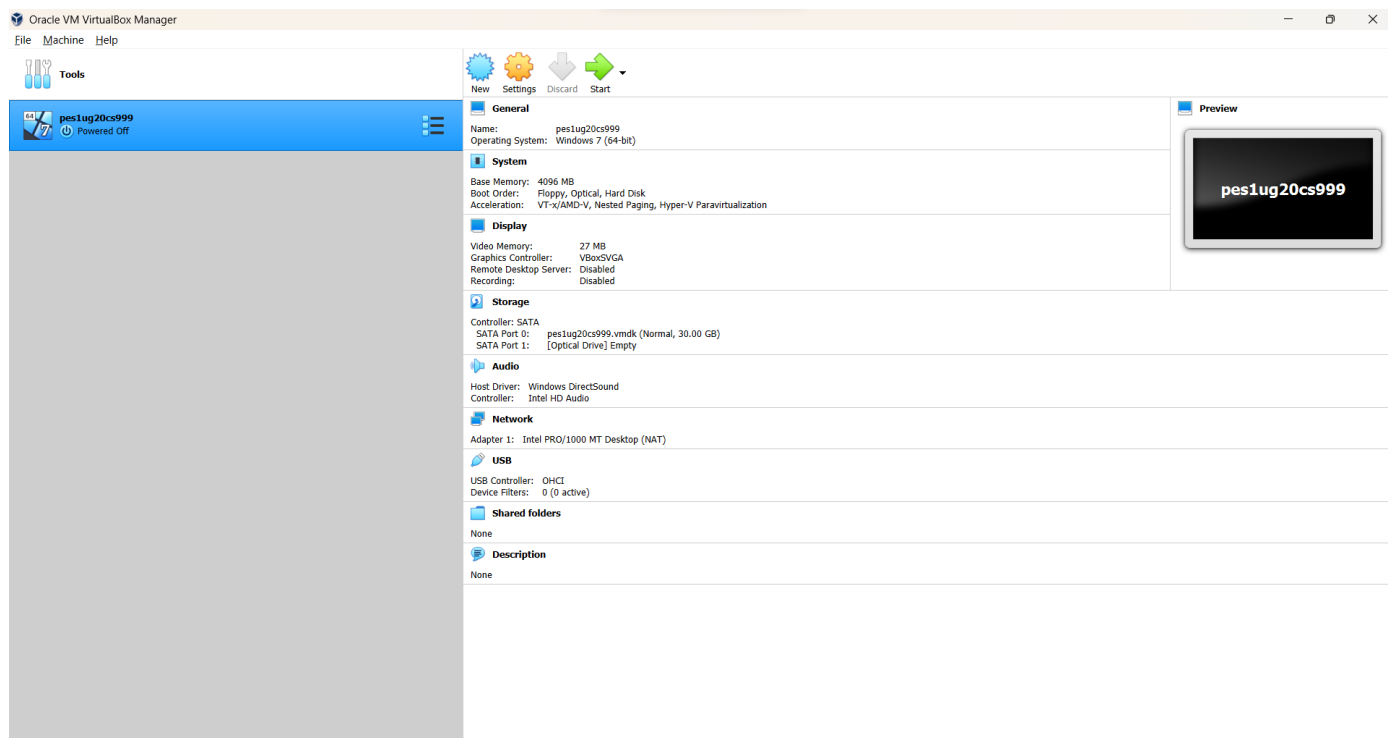
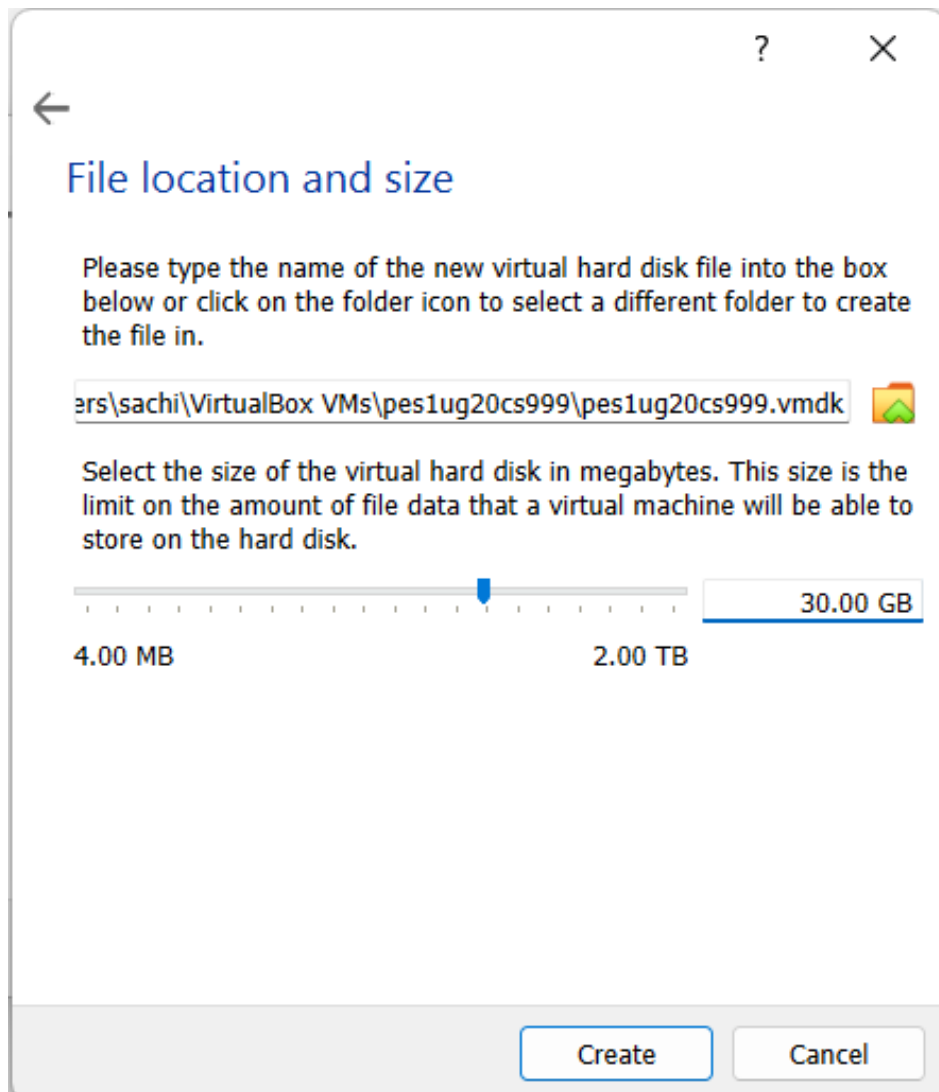
 MB

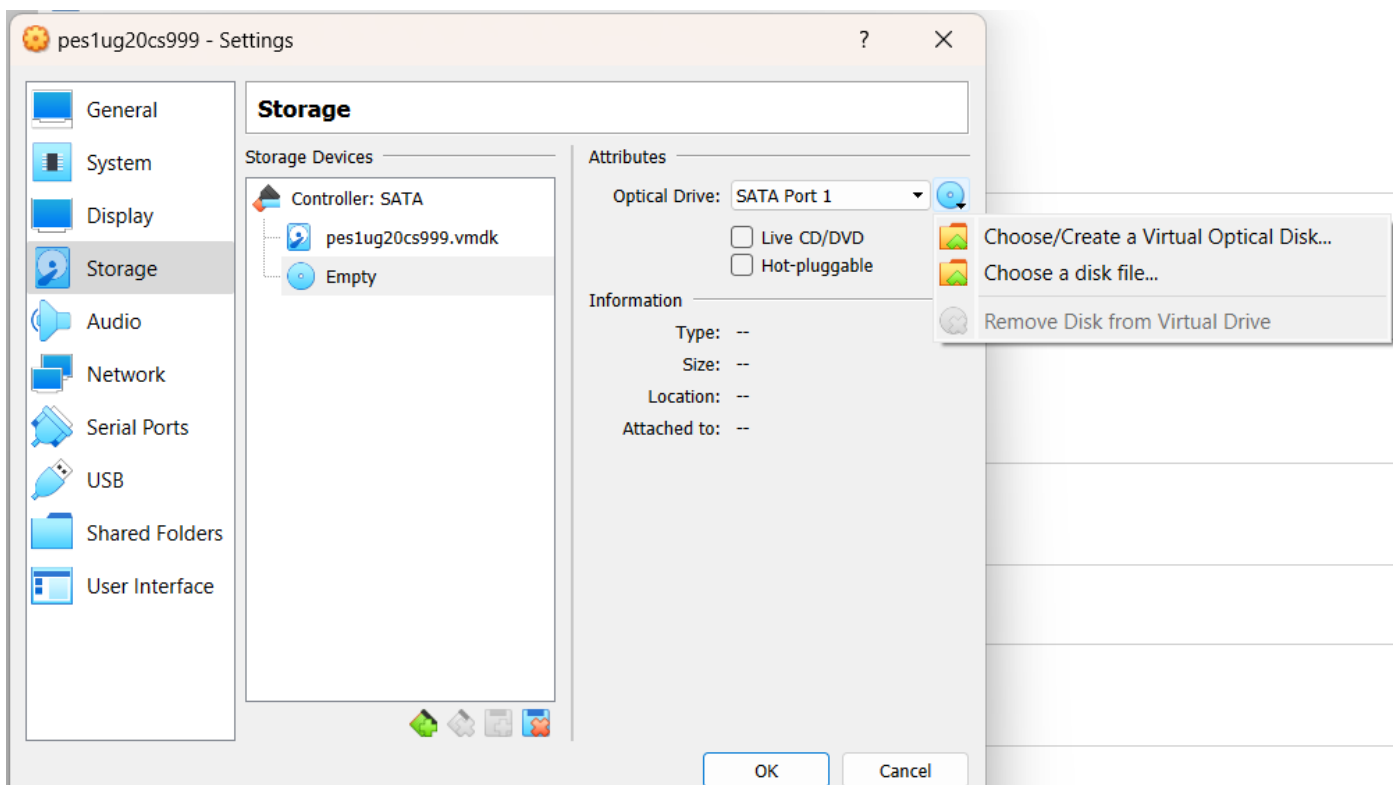
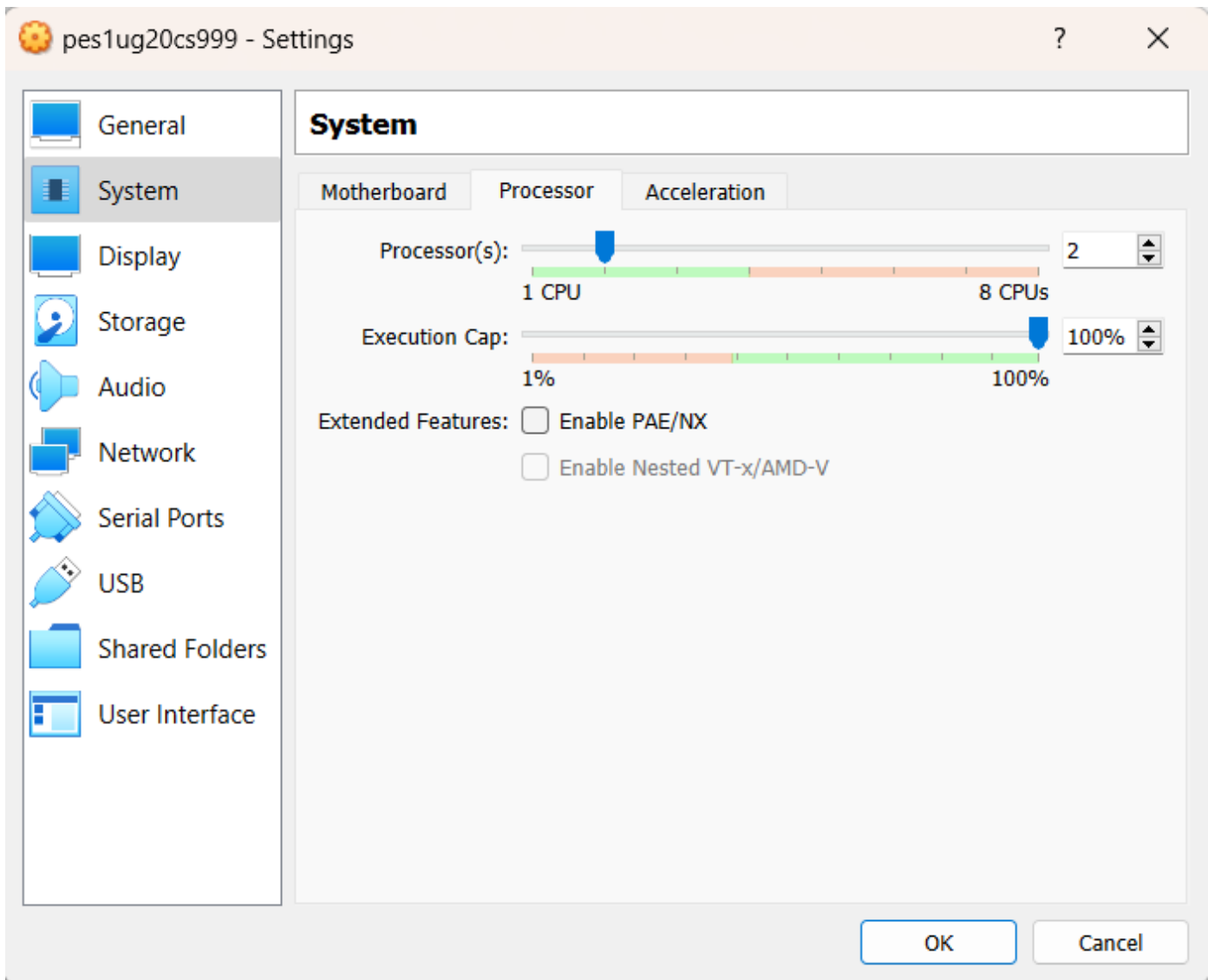
4 MB 16384 MB

Next

Cancel







Install

Who are you?

Your name:

Han



Your computer's name:

pes1ug20cs999



The name it uses when it talks to other computers.

Pick a username:

pes1ug20cs999



Choose a password:

●●●●●●●●●●●●●●●●



Good password

Confirm your password:

●●●●●●●●●●●●●●●●

☐ Log in automatically☒ Require my password to log in☐ Use Active Directory

You'll enter domain and other details in the next step.

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