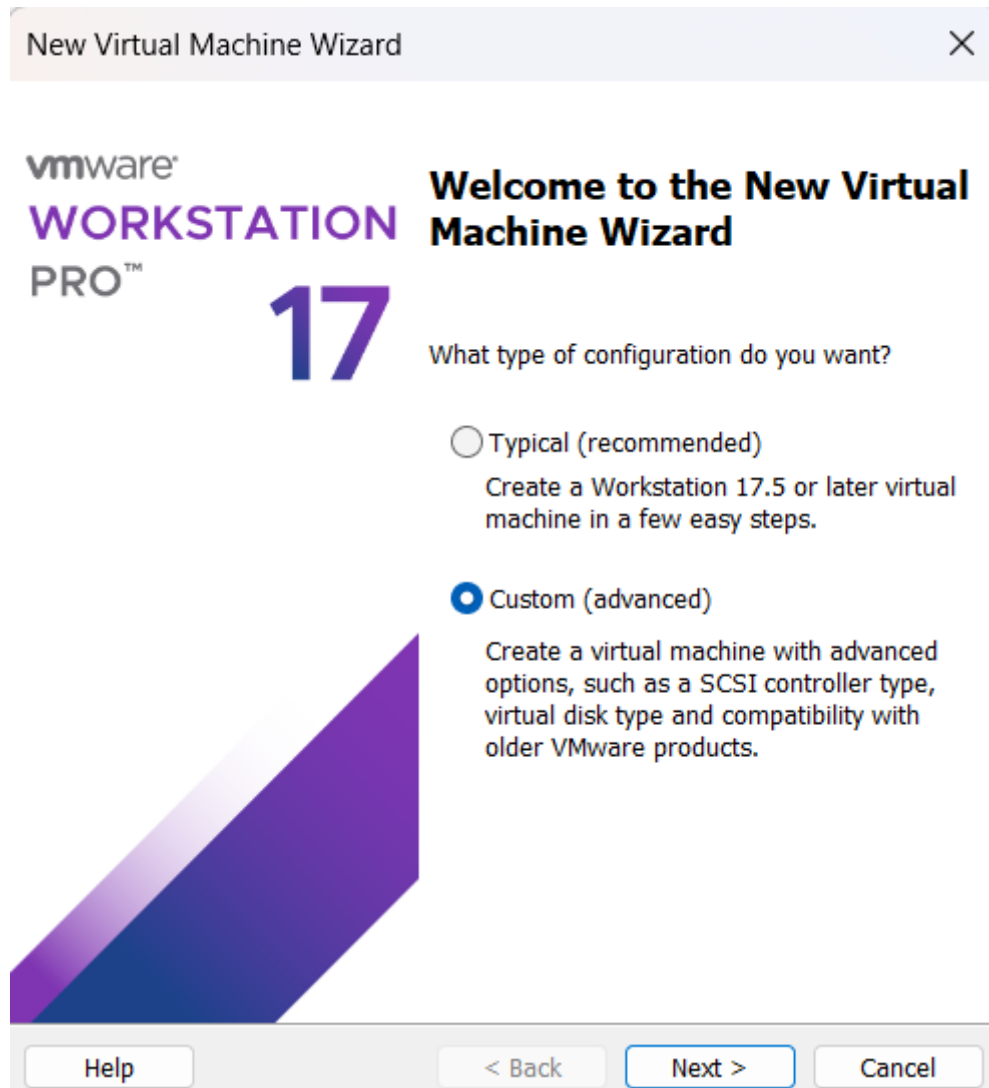# Ubuntu Server

Download Ubuntu Server, I used Ubuntu Server 22.04 Jammy Jellyfish.

1. **Create a New Virtual Machine** -> **Custom**

New Virtual Machine Wizard ✕

Choose the Virtual Machine Hardware Compatibility
Which hardware features are needed for this virtual machine?

Virtual machine hardware compatibility

Hardware   Workstation 17.x   ▾

Compatible   ☑ ESX Server

Compatible products: Limitations:

Fusion 13.5 or later ▲		128 GB memory ▲
Fusion 13.x		32 processors
Workstation 17.5 or later		10 network adapters
Workstation 17.x		8 TB disk size
		8 GB shared graphics
		memory
▼		▼

| Help | | < Back | Next > | Cancel |

New Virtual Machine Wizard ✕

Guest Operating System Installation

A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:

◯ Installer disc:

No drives available ⌄

◯ Installer disc image file (iso):

C:\Others\Splunk_Project\pfSense-CE-2.7.2-RELEASE ⌄   Browse...

🔘 I will install the operating system later.

The virtual machine will be created with a blank hard disk.

Help		< Back	Next >	Cancel

New Virtual Machine Wizard   ✕

Select a Guest Operating System
Which operating system will be installed on this virtual machine?

Guest operating system

- ◯ Microsoft Windows
- ⦿ Linux
- ◯ VMware ESX
- ◯ Other

Version

Ubuntu 64-bit	⌄

Help		< Back	Next >	Cancel

New Virtual Machine Wizard

Processor Configuration

Specify the number of processors for this virtual machine.

Processors

Number of processors: 2

Number of cores per processor: 1

Total processor cores: 2

Help   < Back   Next >   Cancel

New Virtual Machine Wizard   ✕

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.

128 GB	Memory for this virtual machine: 4096 ⬆⬇ MB
64 GB	◄
32 GB	
16 GB	
8 GB	■ Maximum recommended memory:
4 GB	◄ 55.9 GB
2 GB	◄
1 GB	■ Recommended memory:
512 MB	4 GB
256 MB	
128 MB	■ Guest OS recommended minimum:
64 MB	2 GB
32 MB	
16 MB	
8 MB	
4 MB	

Help   < Back   Next >   Cancel

New Virtual Machine Wizard

Network Type
What type of network do you want to add?

Network connection

○ Use bridged networking
Give the guest operating system direct access to an external Ethernet network. The guest must have its own IP address on the external network.

● Use network address translation (NAT)
Give the guest operating system access to the host computer's dial-up or external Ethernet network connection using the host's IP address.

○ Use host-only networking
Connect the guest operating system to a private virtual network on the host computer.

○ Do not use a network connection

Help   < Back   Next >   Cancel

New Virtual Machine Wizard   ✕

Select I/O Controller Types
Which SCSI controller type would you like to use for SCSI virtual disks?

I/O controller types

SCSI Controller:

- ○ BusLogic   (Not available for 64-bit guests)
- ● LSI Logic   (Recommended)
- ○ LSI Logic SAS
- ○ Paravirtualized SCSI

| Help | | < Back | Next > | Cancel |

New Virtual Machine Wizard

Select a Disk Type
What kind of disk do you want to create?

Virtual disk type

- ○ IDE
- ◉ SCSI   (Recommended)
- ○ SATA
- ○ NVMe

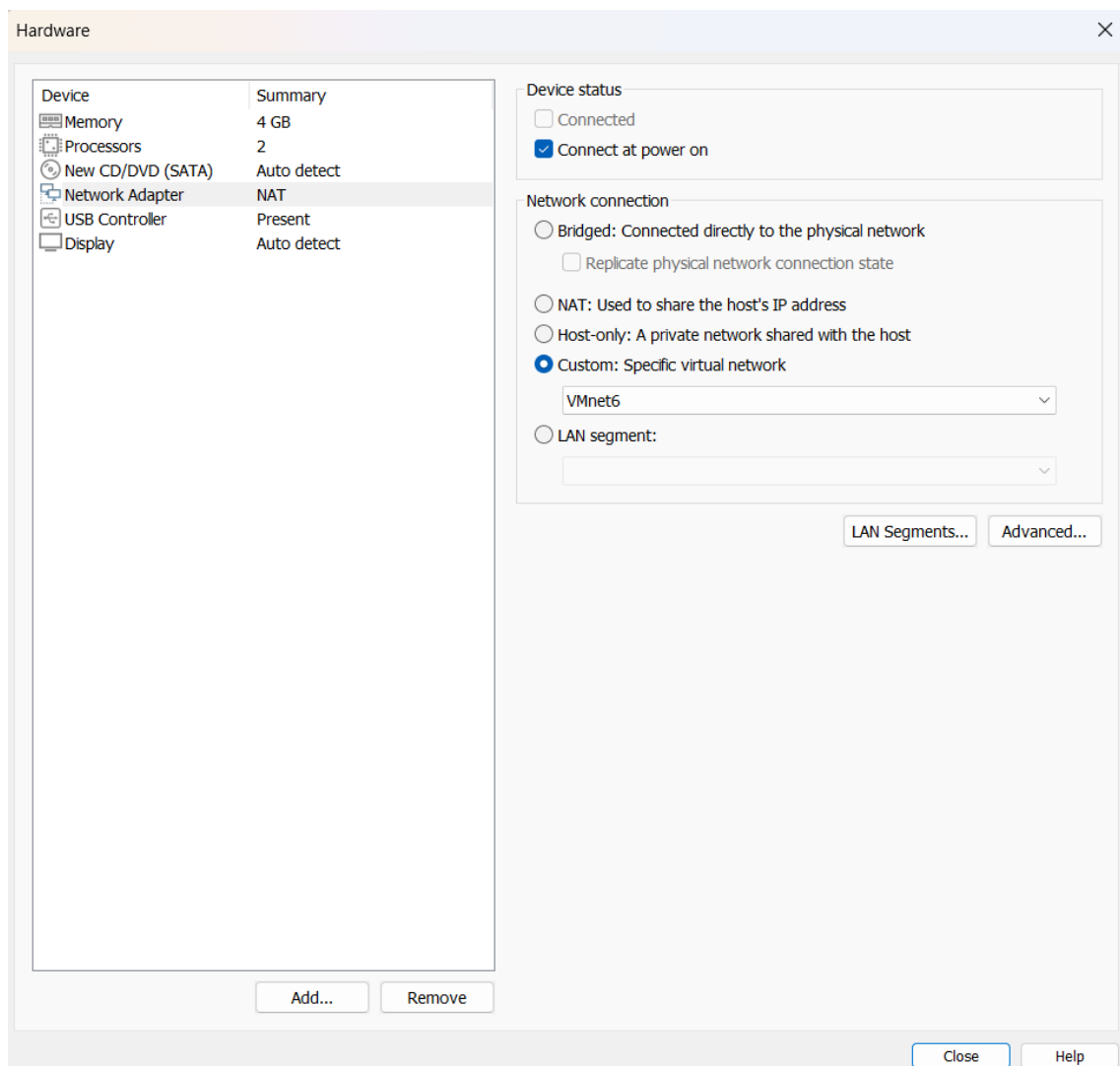| Help		< Back	Next >	Cancel

Browse downloaded **Ubuntu Server 23.04 (64bit).vmdk**

Configure Network Adapter to **VMnet6**

2. Once everything is set up, use the following command to install the GUI. This will make it easier to use Splunk afterward.

sudo apt update && sudo apt upgrade
sudo apt install ubuntu-desktop
sudo reboot
sudo apt install net-tools