

EVE-NG inside VMware Workstation. step-by-step full guide (installation + configuration) so you can get a working EVE-NG lab environment.

EVE-NG Installation on VMware Workstation – Full Guide

1. **Prerequisites**

Make sure you have:


- **VMware Workstation 16/17 Pro** installed.
- **EVE-NG ISO (Community or Pro edition)** → download from: <https://www.eve-ng.net/download>.
- **PC Hardware Requirements** (recommended):
 - CPU: Intel/AMD with virtualization enabled (VT-x/AMD-V).
 - RAM: 16 GB minimum (32 GB for large labs).
 - Disk: 100+ GB SSD.

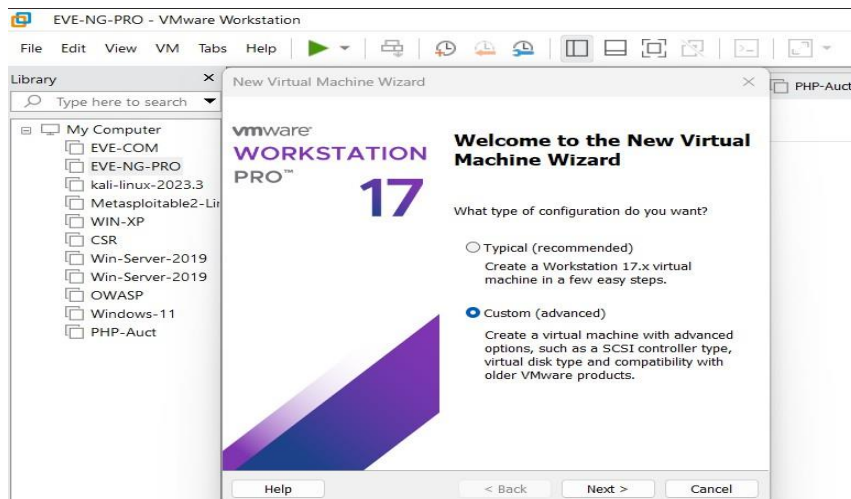
Download the Community Edition of EVE-NG. Use the MEGA/Google links Full ISO.

Free EVE Community Edition Version 6.2.0-4			
EVE-NG Community Full ISO: 3.2 Gb		ISO	Algorithm
• EVE-NG-PRO Full ISOs – MEGA Mirror			Checksum
• EVE-NG CE Full ISO – direct link			
		SHA1	32b189ab6570aed6fa61f202e090c3a4cf962077
		SHA256	a1c035135d618ea86975c9e8d03df549889999adbaecf

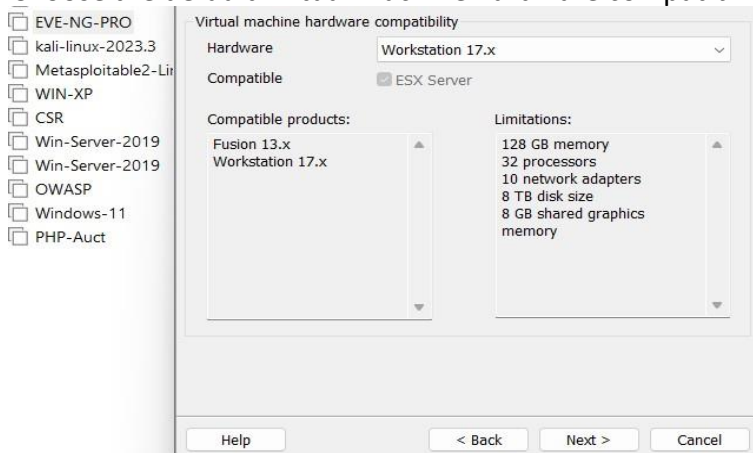
2. **Create a New Virtual Machine**

1. Open **VMware Workstation** → *Create a New Virtual Machine*.
2. Choose **Custom (Advanced)**.
3. Select **Installer disc image (ISO)** → Browse for **EVE-NG ISO**.
4. OS Type:
 - Guest OS: **Linux**
 - Version: **Ubuntu 64-bit**
5. Name VM → Example: EVE-NG-Server.
6. Set CPU & RAM (recommended):
 - CPUs: 4 (minimum) – better 8 if available.
 - RAM: 8 GB (minimum) – better 16 GB.
7. Network: Use **NAT**.
8. Virtual Disk:
 - Size: **200 GB**
 - Store as single file.

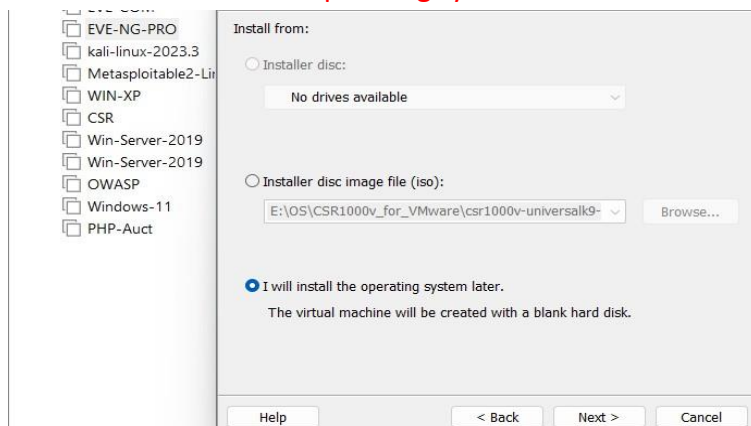
3.  **Install EVE-NG:** Create a New Virtual machine, click on File > New Virtual Machine choose Custom (Advanced) click Next.



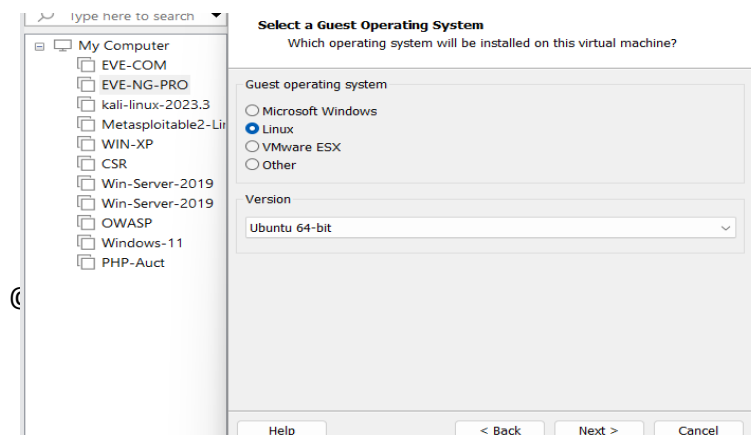
Choose the default Virtual machine hardware compatibility and click **Next**.



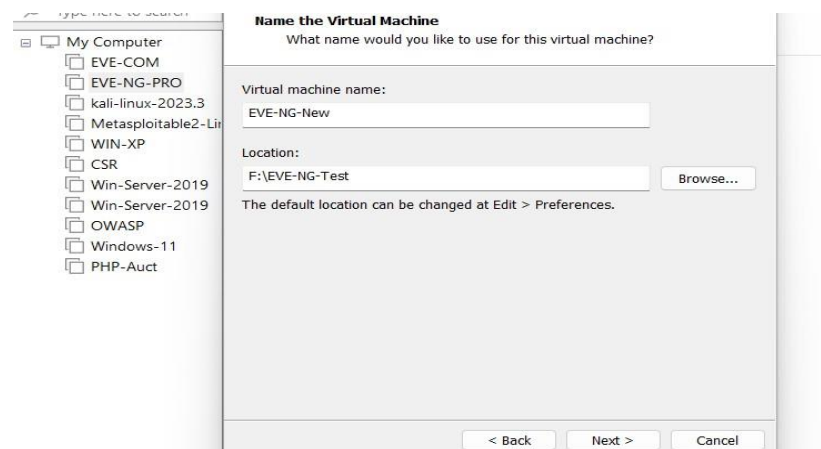
Select **"I will install the operating system later"** and click **Next**.



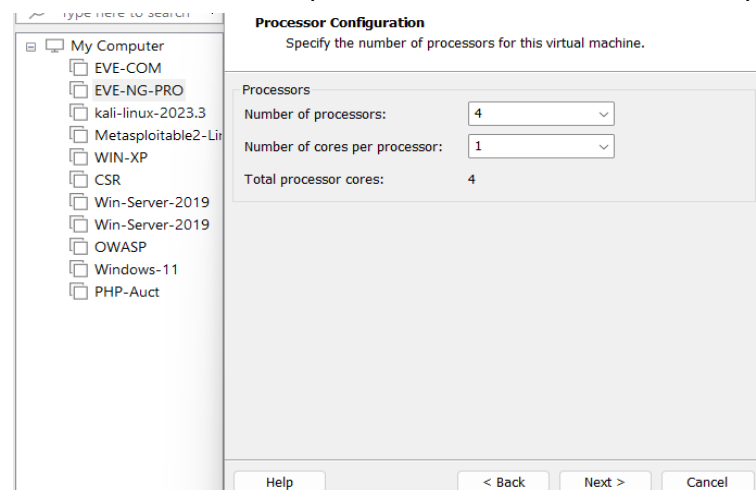
Select a Guest Operating system: **Linux** and select the version: **Ubuntu 64-bit**



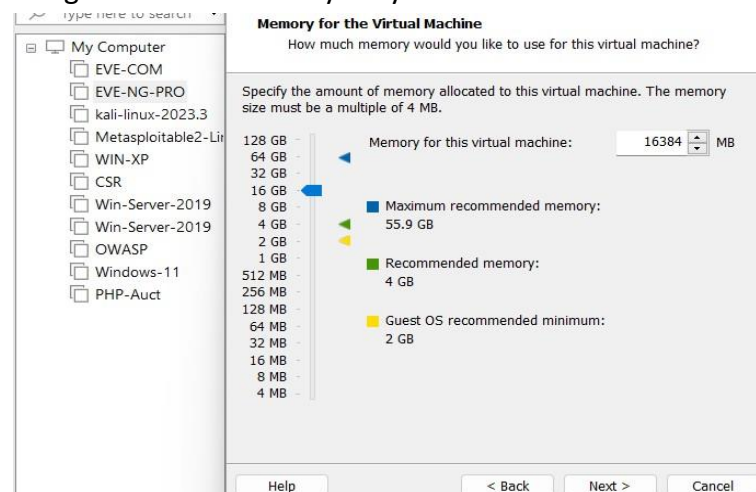
Enter the name for your EVE-COMM VM and select Location where your EVE VM will be stored on the host PC and click Next.



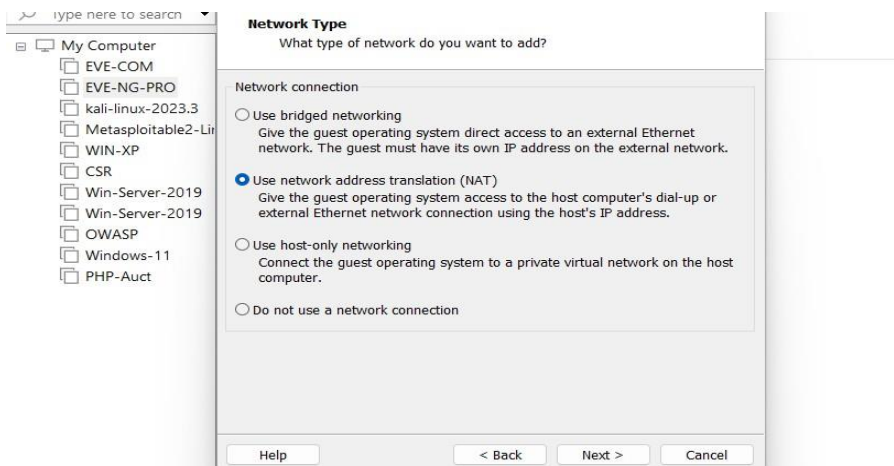
Select max Number of processors, and Number of cores per processor =1



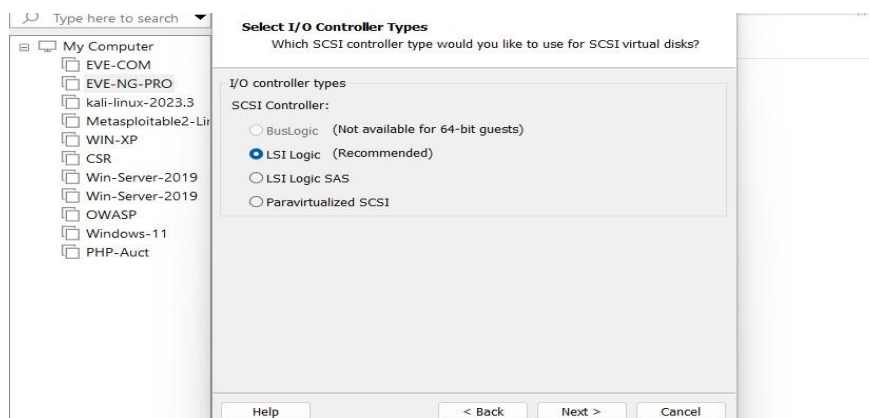
Assign desirable memory for your EVE VM and click Next



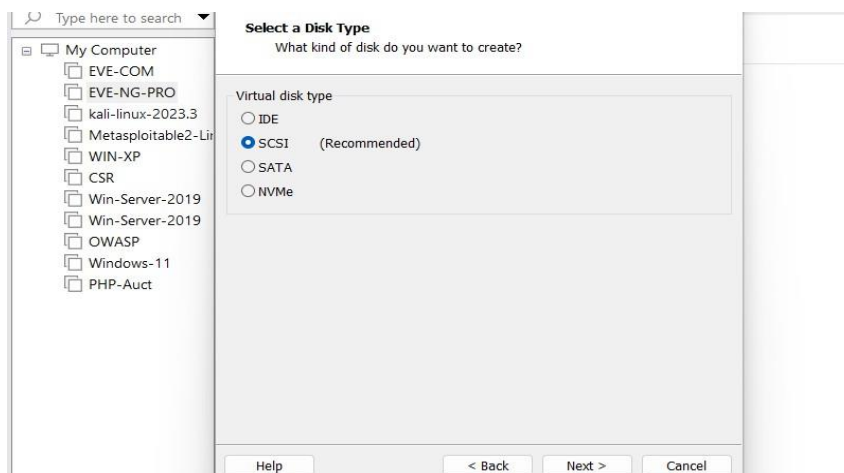
Select then network for your EVE VM. For Laptop it is recommended to use NAT Adaptor



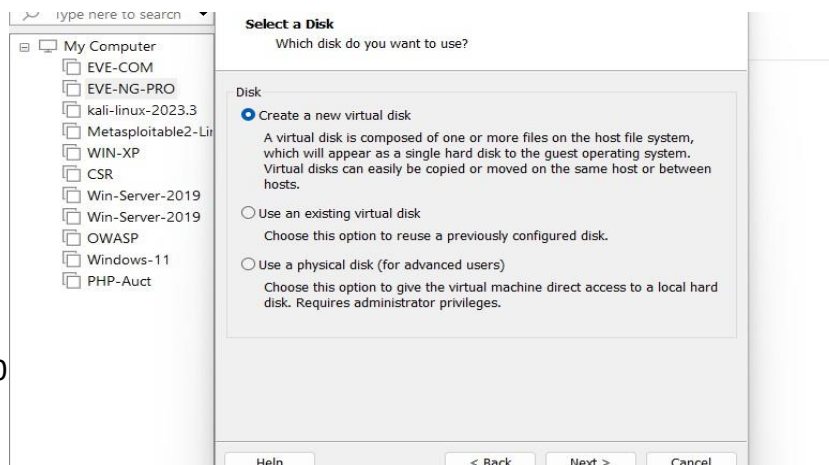
Leave recommended I/O settings, LSI Logic and click Next.



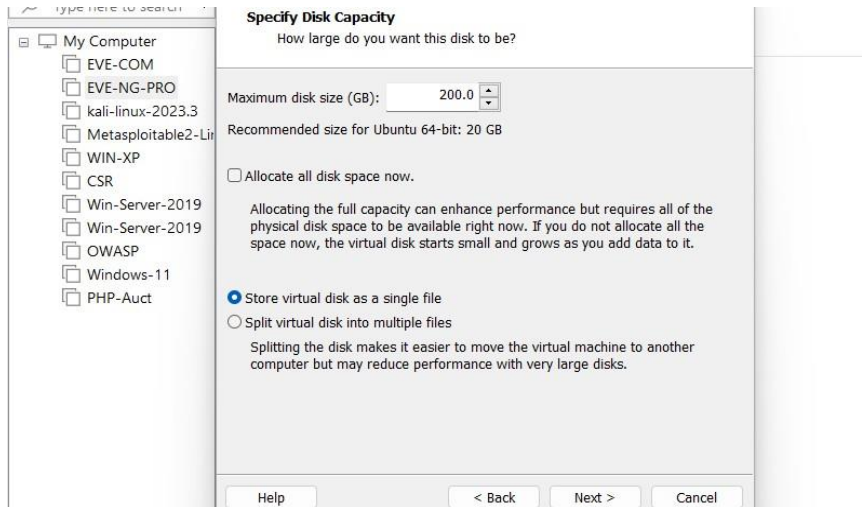
Leave recommended Disk Type (SCSI) settings and click Next.



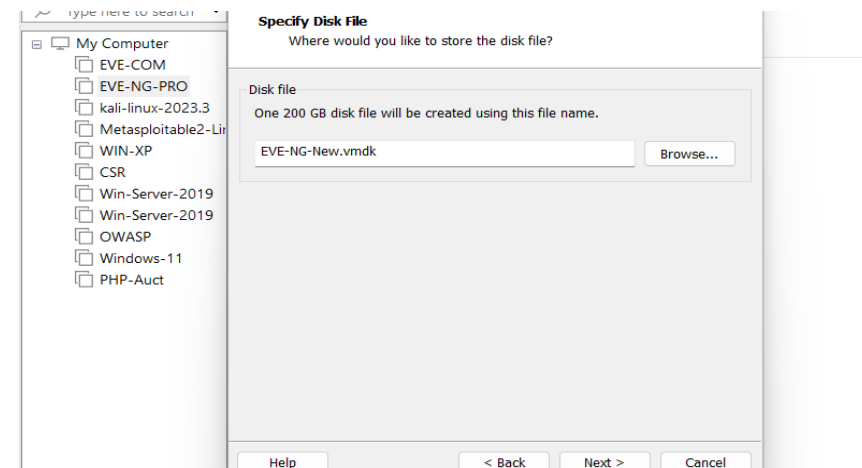
Select Create a new virtual disk and click Next.



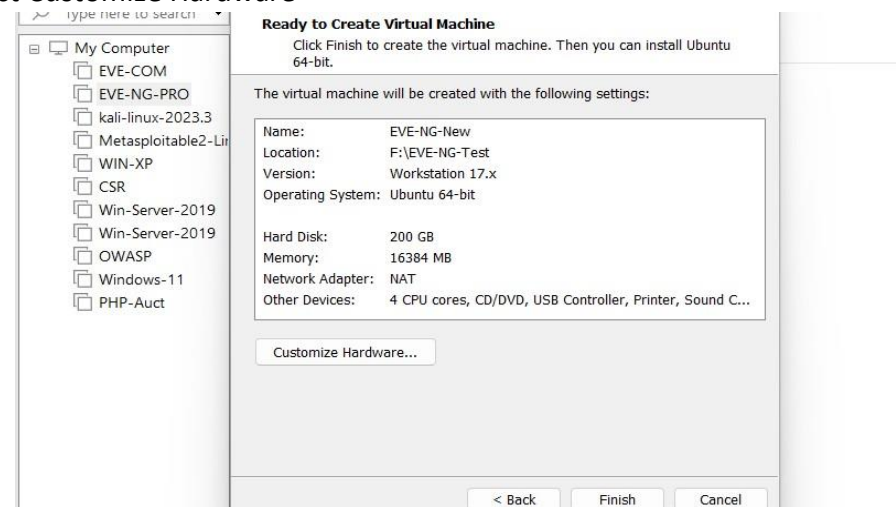
Select your desirable HDD size. It is recommended to set minimum 200GB or more.
Select Store virtual disk as single file and click Next.



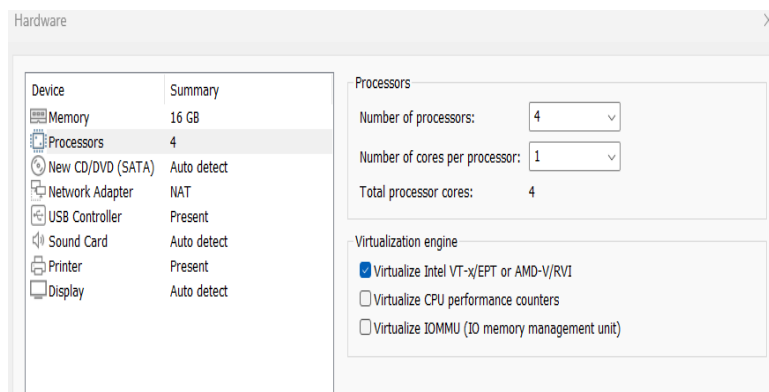
Specify Disk File location click Next.



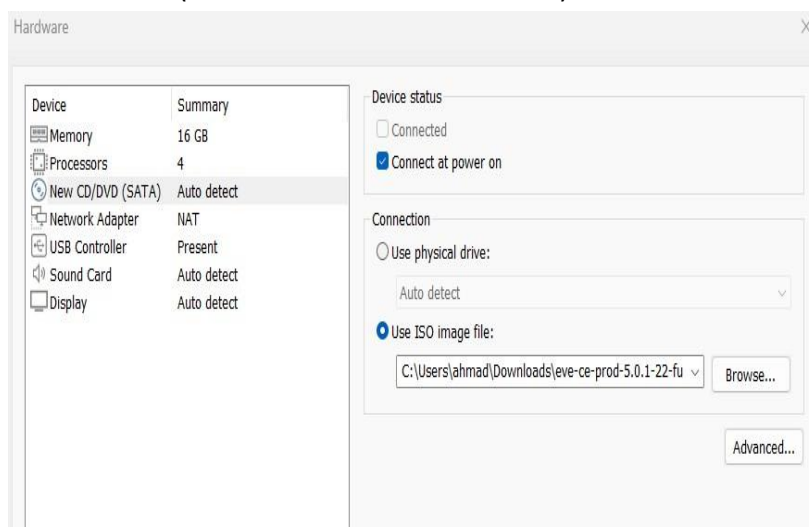
Select Customize Hardware



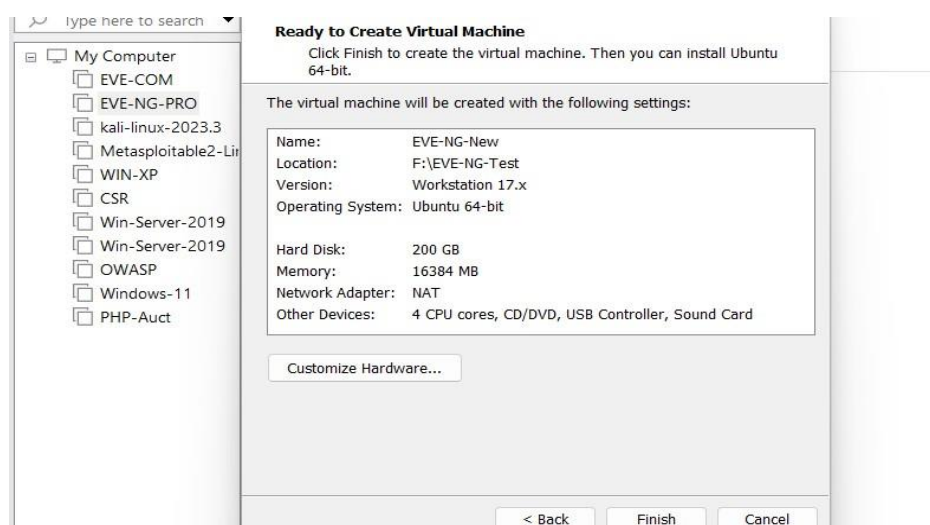
IMPORTANT! Select CPU and Enable **Virtualize Intel VT-x/EPT option**



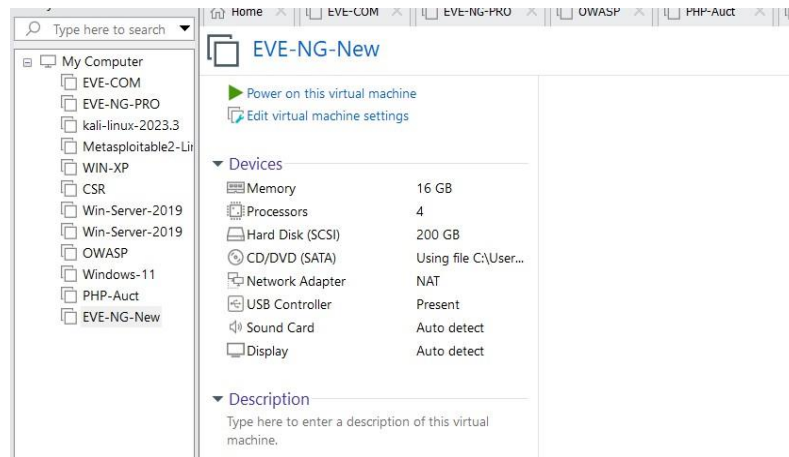
Select CD/DVD Option: “use ISO image file.” Browse to your downloaded eve-ce-prod-5.0.1-22- full.iso (actual name can be different) file.



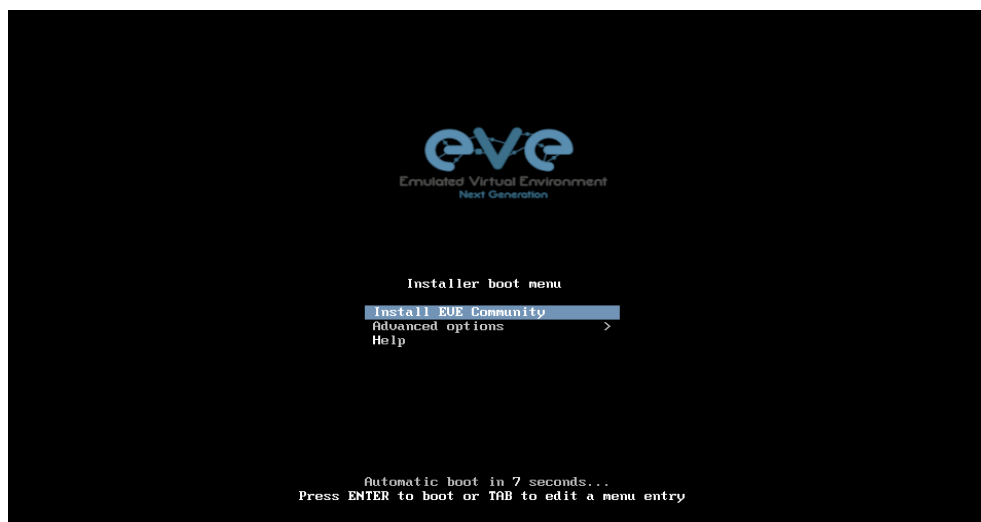
Click Finish to complete VM setup



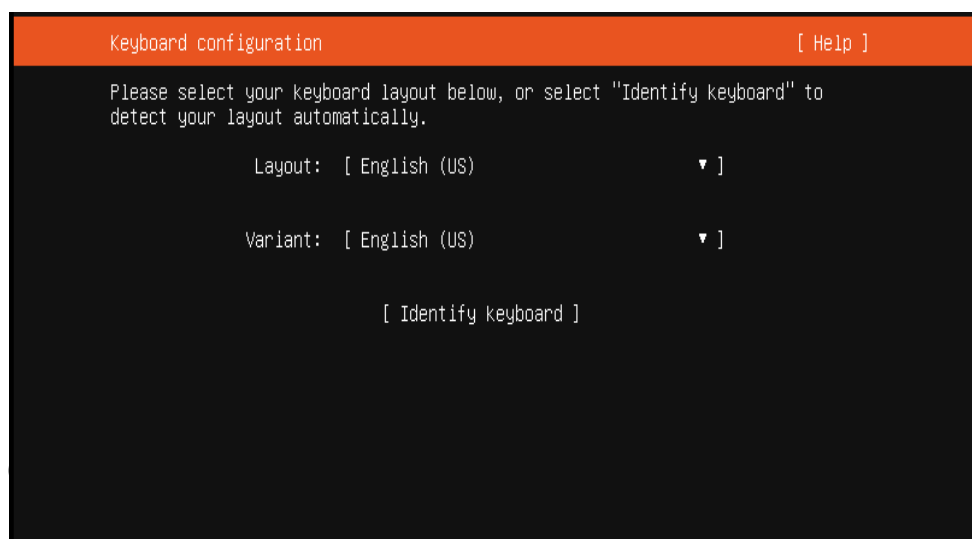
Power ON EVE VM.



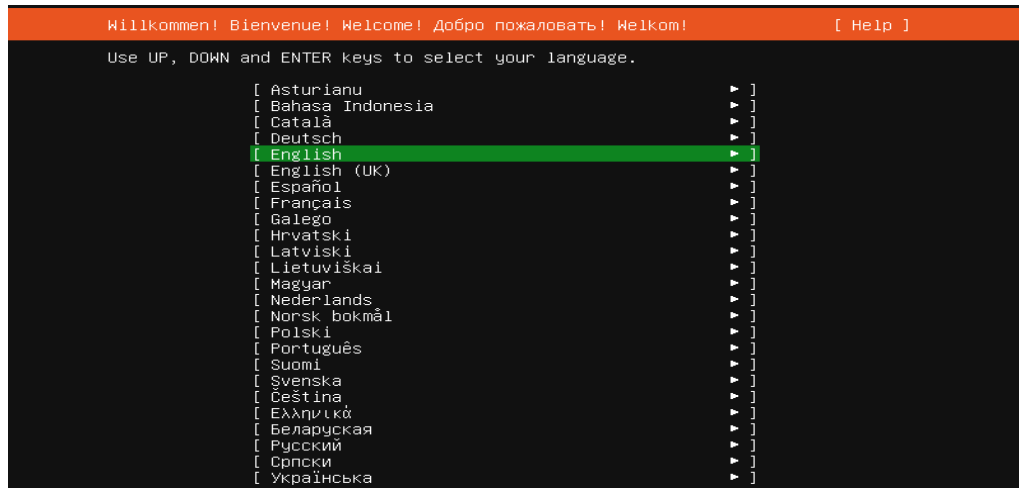
Chose Install EVE-NG Community Server and confirm with Enter.



Select English language. Confirm with Enter.

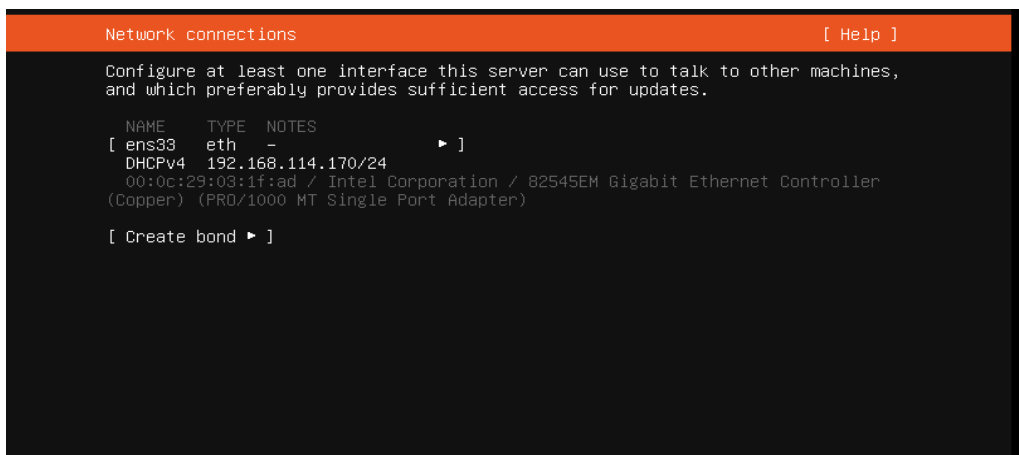


Make sure if English US keyboard is selected and confirm with Enter.

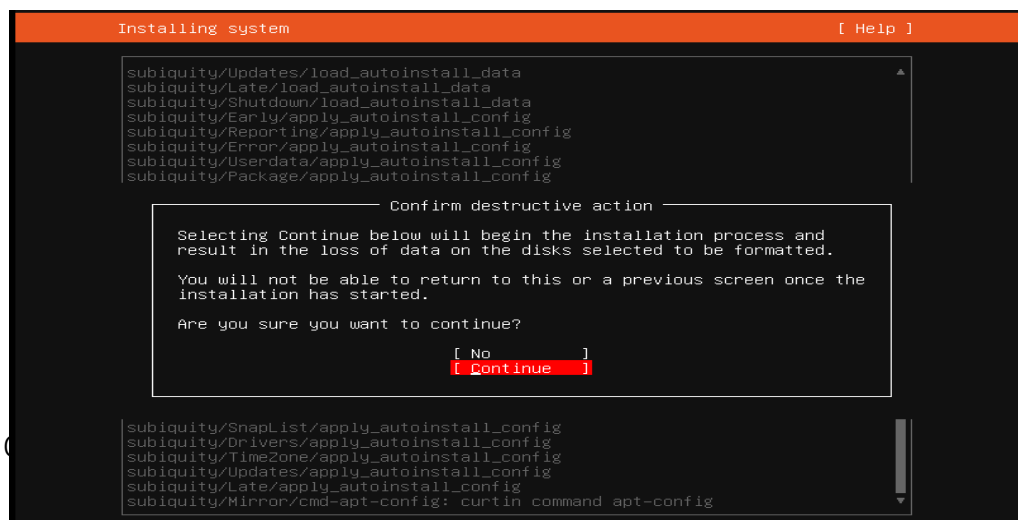


If your DHCP IP settings are correct, select Done and confirm with Enter.

If you have proxy in use for your internet, assign your network proxy settings. If no proxy in use, with Tab key select Continue and confirm with Enter.



Select "Continue" and confirm with Enter.

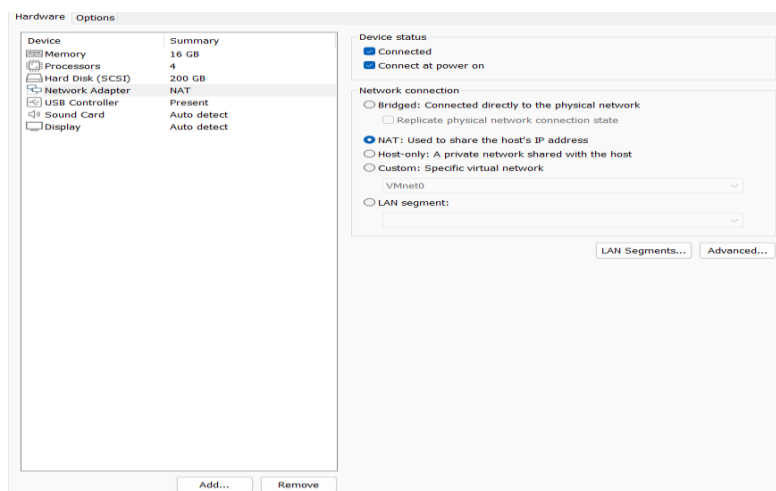


After the Ubuntu “Install Complete” select “Reboot Now” and hit Enter to continue.
Save VM Settings.

```
configuring apt configuring apt
installing missing packages
configuring iscsi service
configuring raid (mdadm) service
installing kernel
setting up swap
apply networking config
writing etc/fstab
configuring multipath
updating packages on target system
configuring pollinate user-agent on target
updating initramfs configuration
configuring target system bootloader
installing grub to target devices
finalizing installation
running 'curtin hook'
curtin command hook
executing late commands
final system configuration
configuring cloud-init
calculating extra packages to install
installing openssh-server
curtin command system-install
downloading and installing security updates
curtin command in-target /

[ View full log ]
[ Cancel update and reboot ]
```

Without powering off the EVE VM, open the EVE VM settings and remove CD/DVD ISO Device



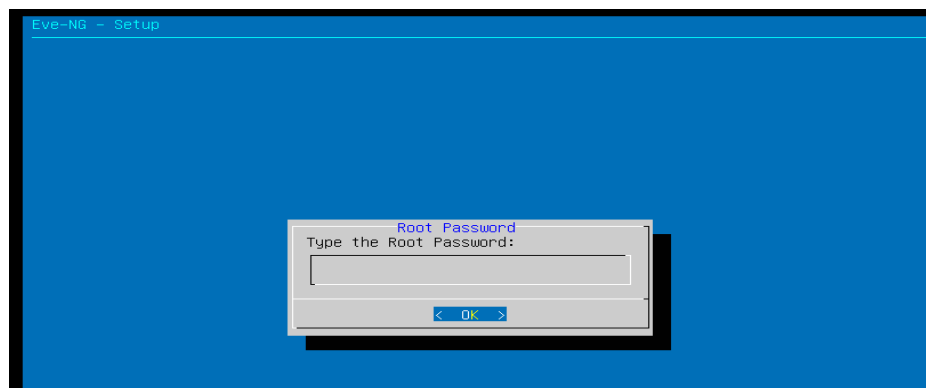
Return back to EVE console screen and confirm Continue with Enter, EVE VM will reboot and continue installation

```
[FAILED] Failed unmounting /cdrom.
Please remove the installation medium, then press ENTER:
[FAILED] Failed unmounting /cdrom.
[FAILED] Failed unmounting /cdrom.
[FAILED] Failed unmounting /cdrom.
[FAILED] Failed unmounting /cdrom.
```

Depending on your internet speed EVE installation will take some time. After installation EVE.

VM will auto reboot and EVE login screen will appear, login in CLI with root/eve

```
[ 38.591054] cloud-init[1675]: Selecting previously unselected package default-jdk.
[ 38.595107] cloud-init[1675]: Preparing to unpack .../171-default-jdk_2%3a1.11-72_amd64.deb ...
[ 38.596658] cloud-init[1675]: Unpacking default-jdk (2:1.11-72) ...
[ 38.610415] cloud-init[1675]: Selecting previously unselected package libecjclipse-jdt-core-java.
[ 38.614576] cloud-init[1675]: Preparing to unpack .../172-libecjclipse-jdt-core-java_3.18.0+ecjclipse
4.12-1_all.deb ...
[ 38.616872] cloud-init[1675]: Unpacking libecjclipse-jdt-core-java (3.18.0+ecjclipse4.12-1) ...
[ 38.985832] cloud-init[1675]: Selecting previously unselected package libtomcat9-java.
[ 38.989911] cloud-init[1675]: Preparing to unpack .../173-libtomcat9-java_9.0.31-1ubuntu0.4_all.d
eb ...
[ 38.991505] cloud-init[1675]: Unpacking libtomcat9-java (9.0.31-1ubuntu0.4) ...
[ 38.995665] cloud-init[1675]: Selecting previously unselected package tomcat9-common.
[ 38.996603] cloud-init[1675]: Preparing to unpack .../174-tomcat9-common_9.0.31-1ubuntu0.4_all.de
b ...
[ 39.365251] cloud-init[1675]: Unpacking tomcat9-common (9.0.31-1ubuntu0.4) ...
[ 39.388779] cloud-init[1675]: Selecting previously unselected package tomcat9.
[ 39.393089] cloud-init[1675]: Preparing to unpack .../175-tomcat9_9.0.31-1ubuntu0.4_all.deb ...
[ 39.393991] cloud-init[1675]: Unpacking tomcat9 (9.0.31-1ubuntu0.4) ...
[ 39.415077] cloud-init[1675]: Selecting previously unselected package tomcat9-admin.
[ 39.419120] cloud-init[1675]: Preparing to unpack .../176-tomcat9-admin_9.0.31-1ubuntu0.4_all.deb
...
[ 39.421646] cloud-init[1675]: Unpacking tomcat9-admin (9.0.31-1ubuntu0.4) ...
[ 39.439558] cloud-init[1675]: Selecting previously unselected package tomcat9-docs.
[ 39.443507] cloud-init[1675]: Preparing to unpack .../177-tomcat9-docs_9.0.31-1ubuntu0.4_all.deb
...
[ 39.445406] cloud-init[1675]: Unpacking tomcat9-docs (9.0.31-1ubuntu0.4) ...
[ 39.522613] cloud-init[1675]: Setting up mysql-client-core-8.0 (8.0.36-0ubuntu0.20.04.1) ...
[ 39.526207] cloud-init[1675]: Setting up mysql-client-8.0 (8.0.36-0ubuntu0.20.04.1) ...
[ 39.529125] cloud-init[1675]: Setting up libevent-core-2.1-7:amd64 (2.1.11-stable-1) ...
[ 39.531430] cloud-init[1675]: Setting up libevent-pthreads-2.1-7:amd64 (2.1.11-stable-1) ...
[ 39.533574] cloud-init[1675]: Setting up libmecab2:amd64 (0.996-10build1) ...
[ 39.536350] cloud-init[1675]: Setting up mysql-server-core-8.0 (8.0.36-0ubuntu0.20.04.1) ...
[ 39.538577] cloud-init[1675]: Setting up mysql-server-8.0 (8.0.36-0ubuntu0.20.04.1) ...
[ 39.767249] cloud-init[1675]: update-alternatives: using /etc/mysql/mysql.cnf to provide /etc/mys
ql/my.cnf (my.cnf) in auto mode
[ 39.782419] cloud-init[1675]: Renaming removed key_buffer and myisam-recover options (if present)
```

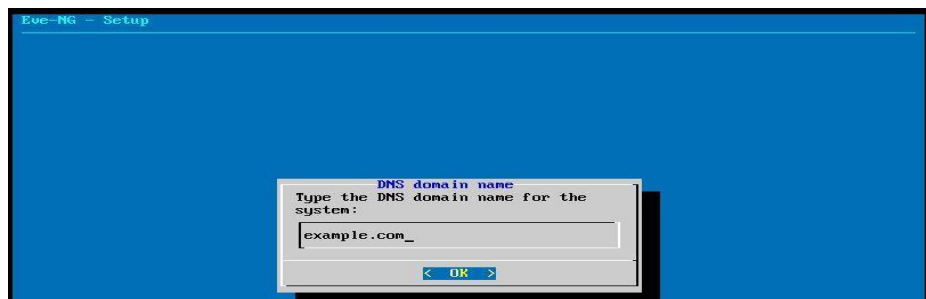


After your EVE is rebooted, Login to EVE CLI

```
Eve-NG (default root password is 'eve')
Use http://192.168.114.170(DHCP4)/

eve-ng login:
```

Type the domain name (default is example.com):

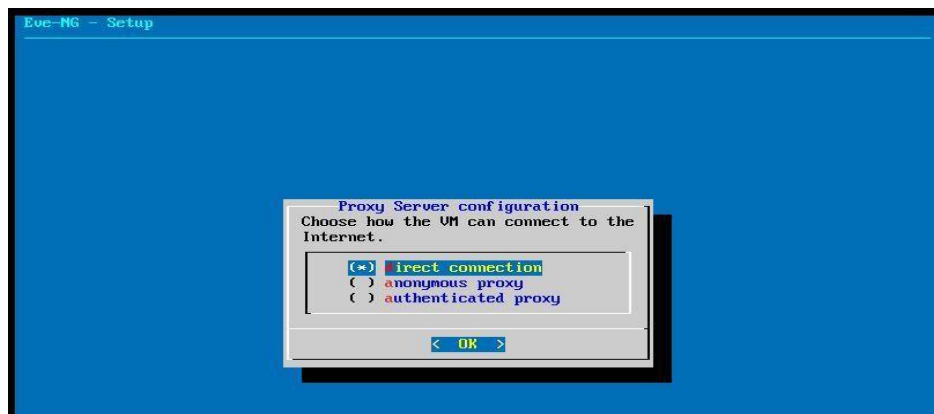


Select if management IP address should be static or configured by DHCP (default is DHCP, use arrow keys and space to select, then enter to confirm):

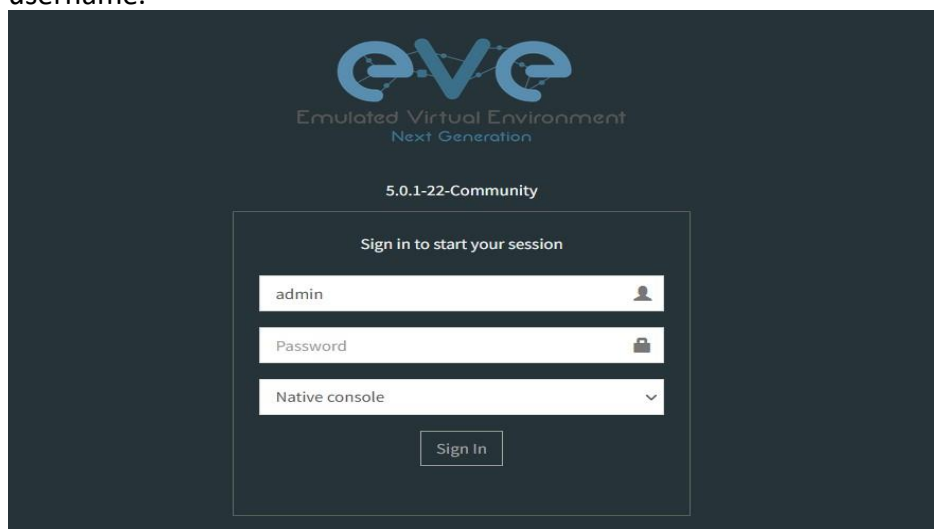
Static IP address will ask for IP address, netmask, default gateway, primary and secondary DNS servers.



Configure how the EVE VM can access Internet (default is direct connection, use arrow keys and space to select, then enter to confirm):



After the last confirm EVE will reboot. Once you see the login prompt, the system is successfully configured. Then click go or press enter. The following page will load. The username is admin and password are eve. Which is different from CLI Console username.



2. 🌐 Access EVE-NG Web Interface

1. Open your browser and go to:
2. <https://192.168.142.100> (e.g)
3. Default login:

4. Username: admin

5. Password: eve

3. Post-Installation Setup

- Update EVE-NG:
- `apt-get update && apt-get upgrade -y`

```
root@eve-ng:~# sudo apt-get update && apt-get upgrade
Hit:1 http://archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://www.eve-ng.net/jammy jammy InRelease
Get:3 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [127 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [2,881 kB]
Get:7 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [18.9 kB]
Get:8 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1,227 kB]
Fetched 4,511 kB in 7s (659 kB/s)
```

- `/opt/unetlab/wrappers/unl_wrapper -a fixpermissions`

```
root@eve-ng:~# /opt/unetlab/wrappers/unl_wrapper -a fixpermissions
root@eve-ng:~# _
```