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

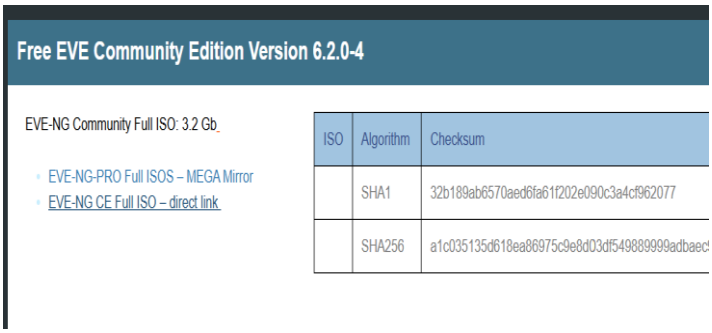
📘 EVE-NG Installation on VMware Workstation – Full Guide

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.

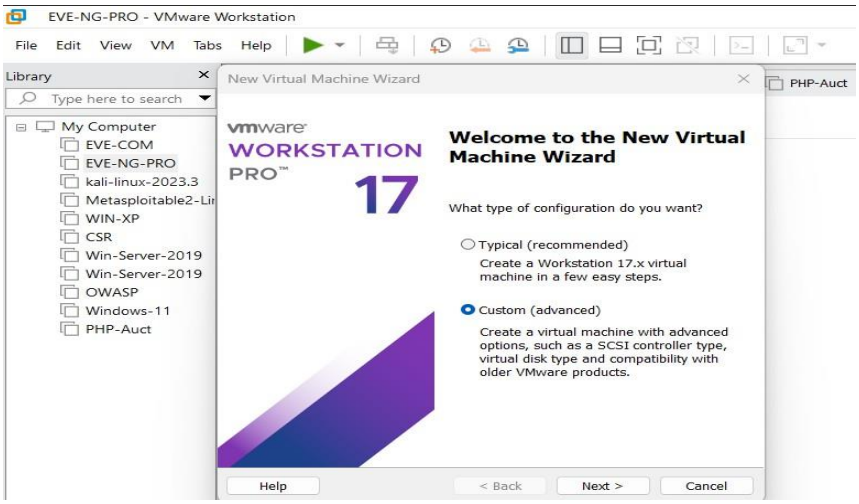
Download the Community Edition of EVE-NG. Use the MEGA/Google links Full ISO.



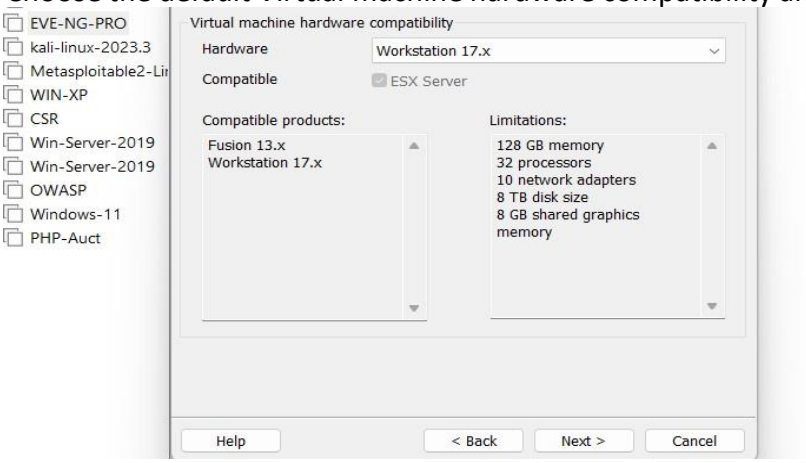
2. 💻 Create a New Virtual Machine

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.

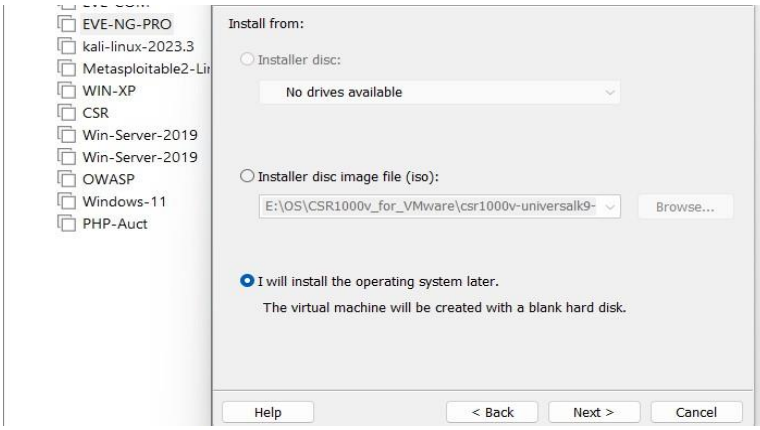
3. 🚀 Install EVE-NG: Create a New Virtual machine, click on File > New Virtual Machine choose Custom (Advanced) click Next.



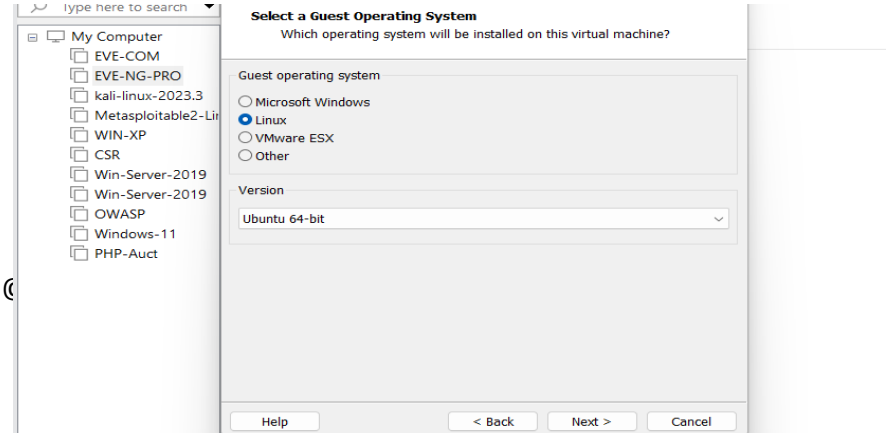
Choose the default Virtual machine hardware compatibility and click Next.



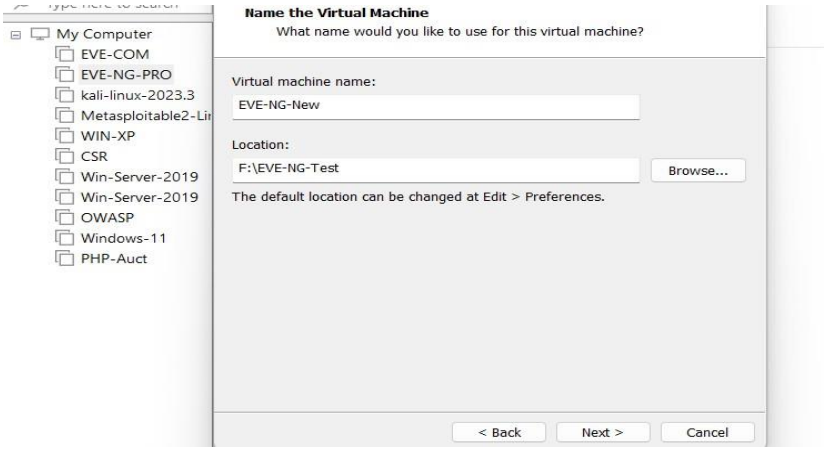
Select "I will install the operating system later" and click Next.



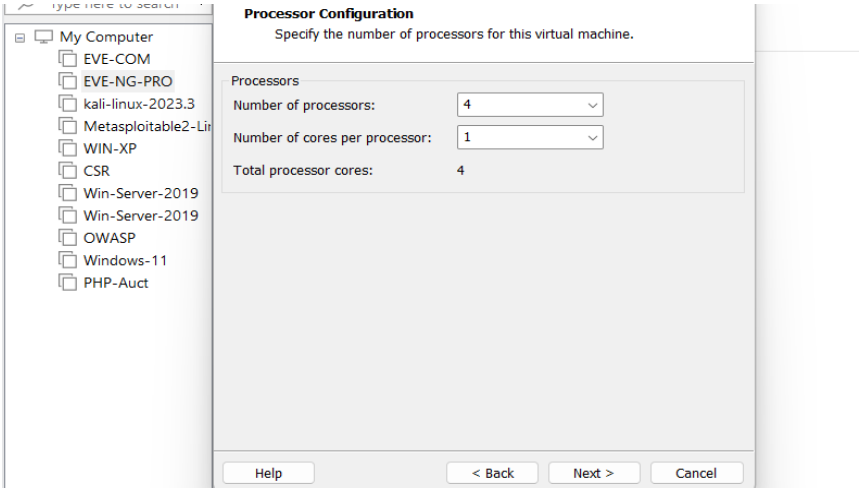
Select a Guest Operating system: Linux and select the version: Ubuntu 64-bit



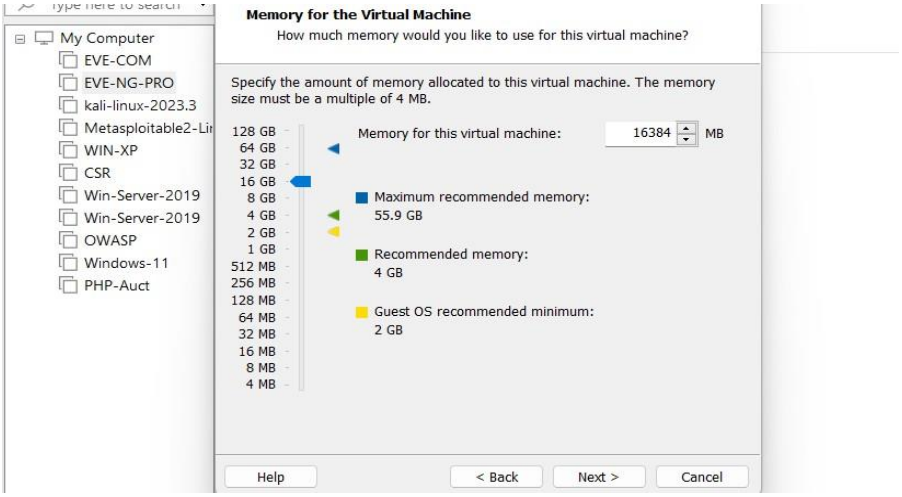
Enter the name for your EVE-COMM VM and select Location where your EVE VM will be stored on the host PC and click Next.



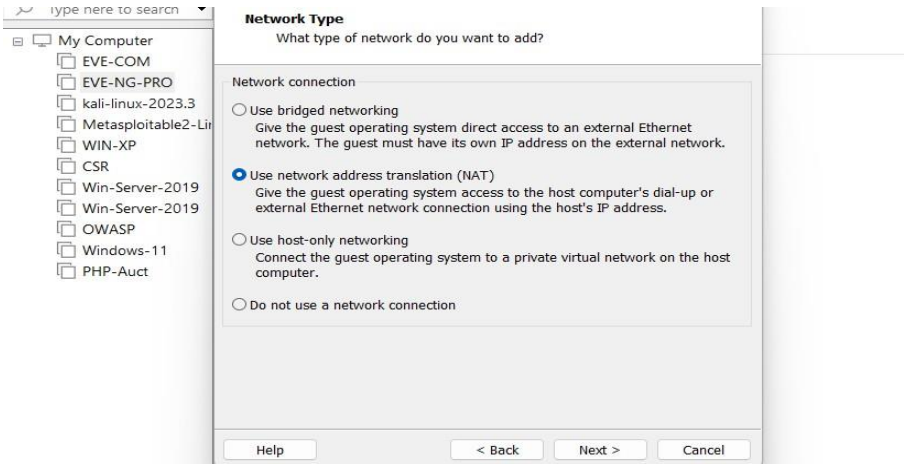
Select max Number of processors, and Number of cores per processor =1



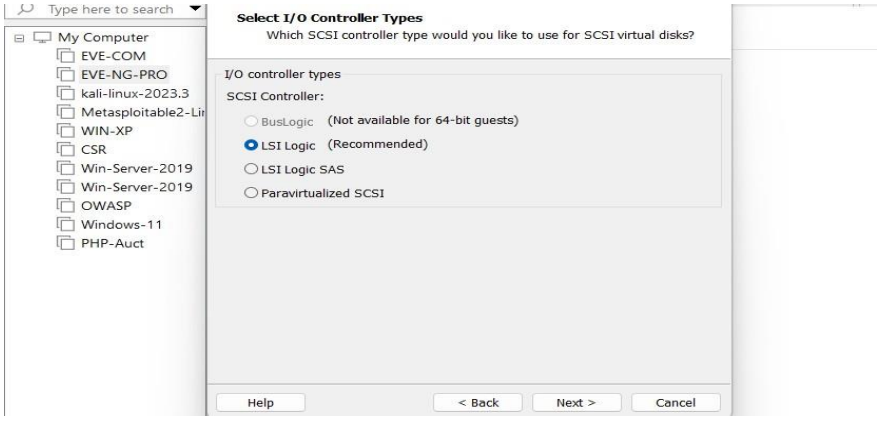
Assign desirable memory for your EVE VM and click Next



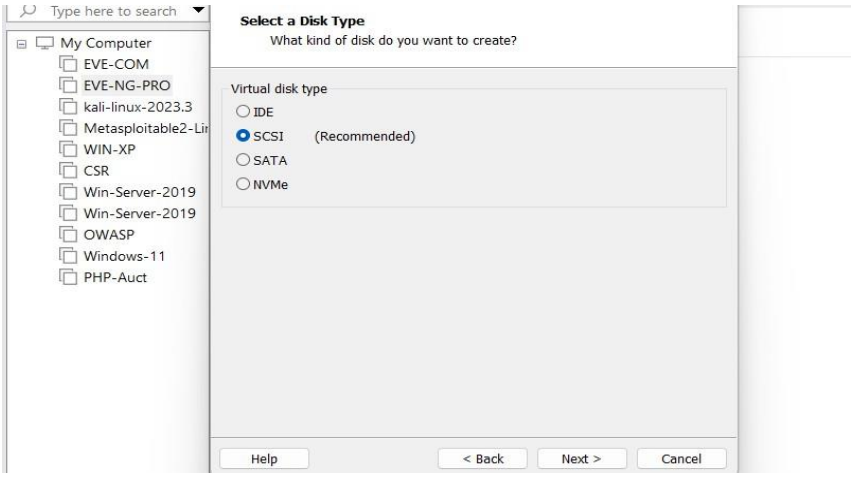
Select then network for your EVE VM. For Laptop it is recommended to use NAT Adaptor



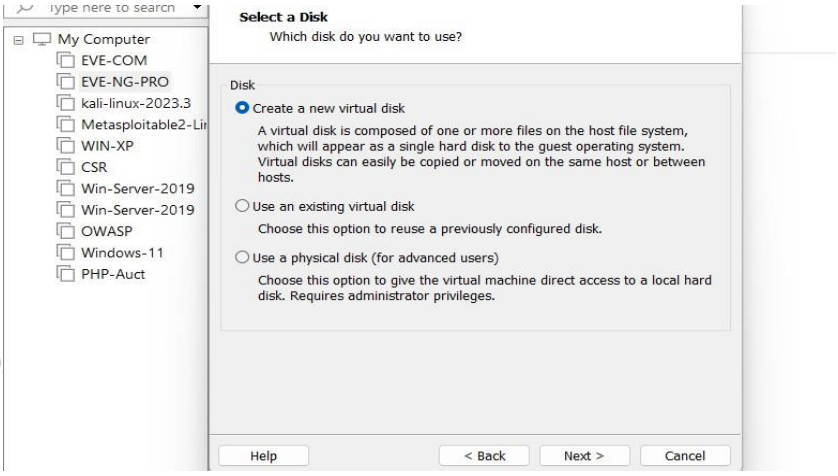
Leave recommended I/O settings, LSI Logic and click Next.



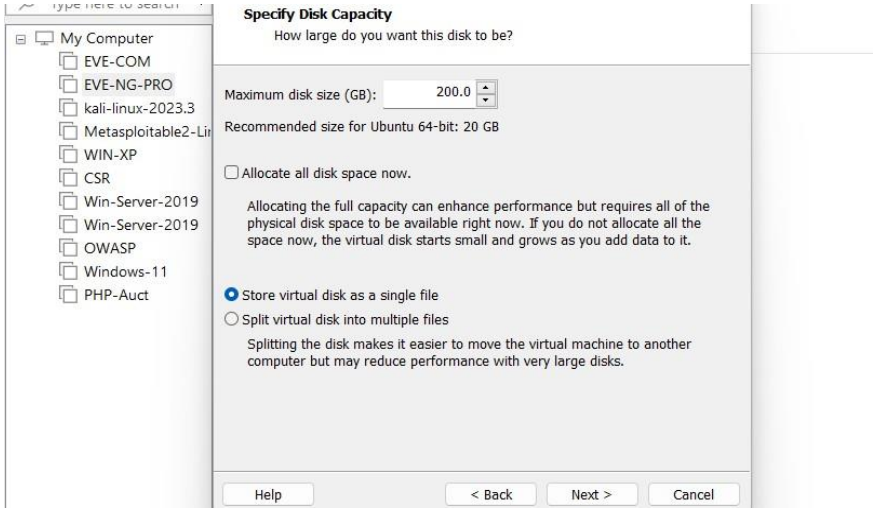
Leave recommended Disk Type (SCSI) settings and click Next.



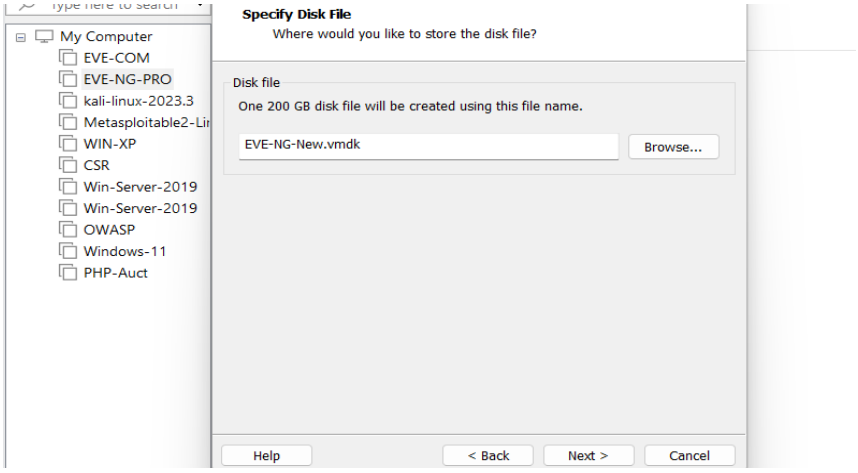
Select Create a new virtual disk and click Next.



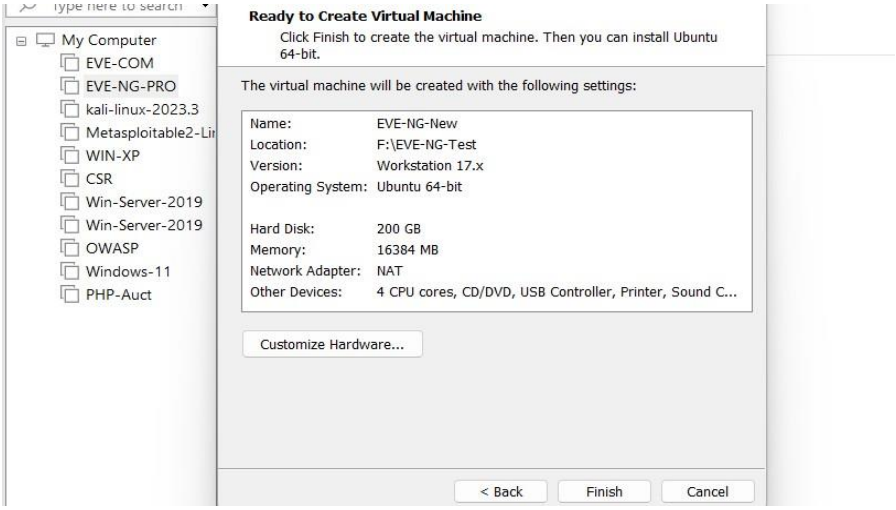
Select your desirable HDD size. It is recommended to set minimum 200GB or more.
Select Store virtual disk as single file and click Next.



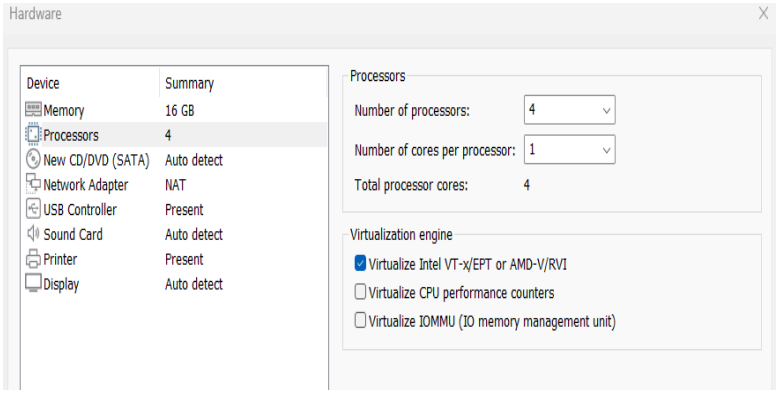
Specify Disk File location click Next.



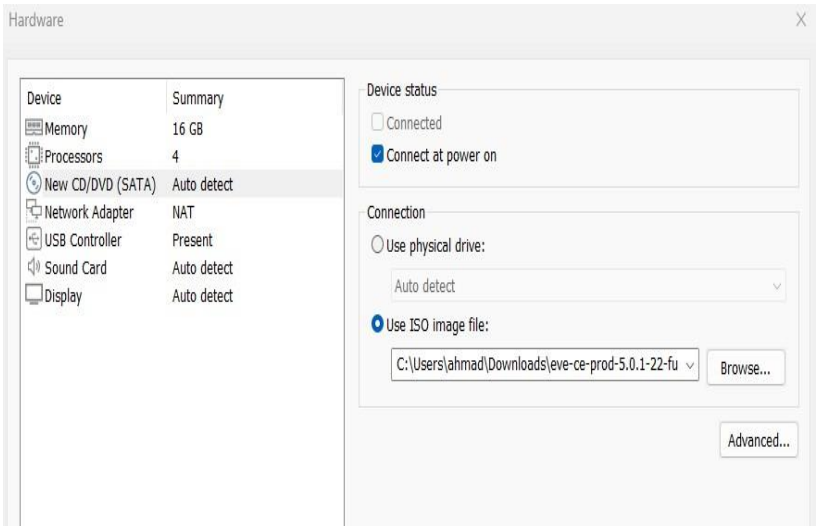
Select Customize Hardware



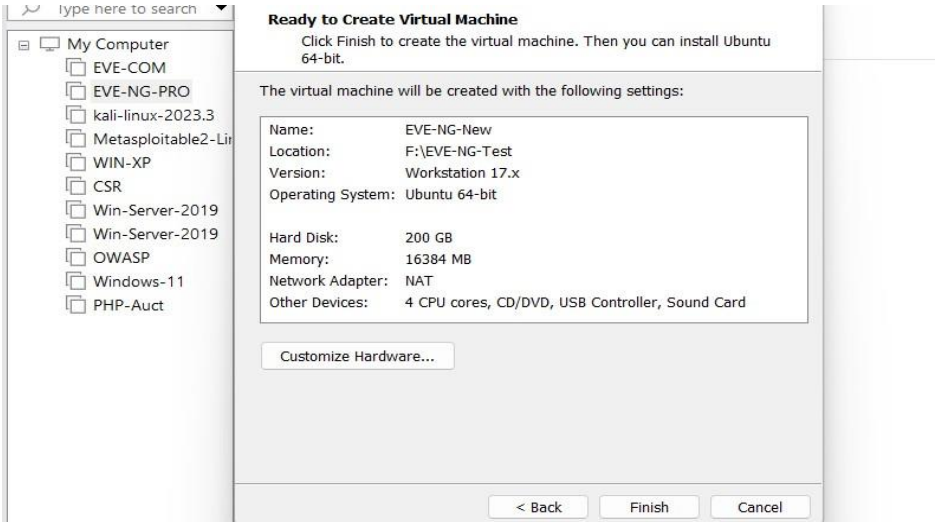
IMPORTANT! Select CPU and Enable **Virtualize Intel VT-x/EPT** option



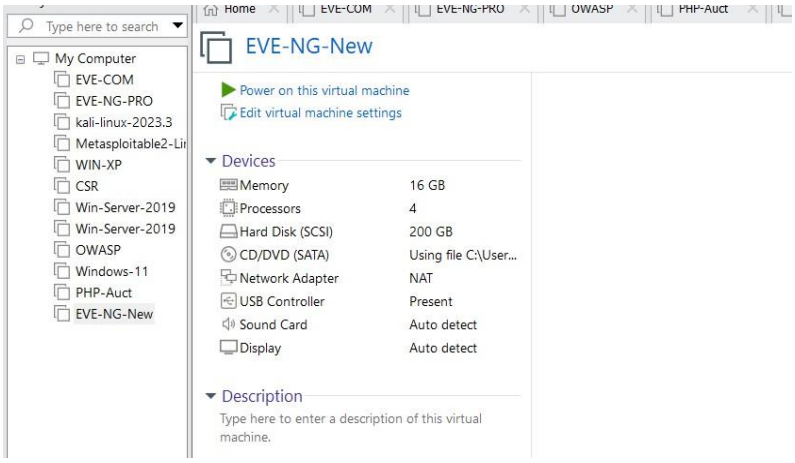
Select CD/DVD Option: “use ISO image file.” Browse to your downloaded eve-ce-prod-5.0.1-22- full.iso (actual name can be different) file.



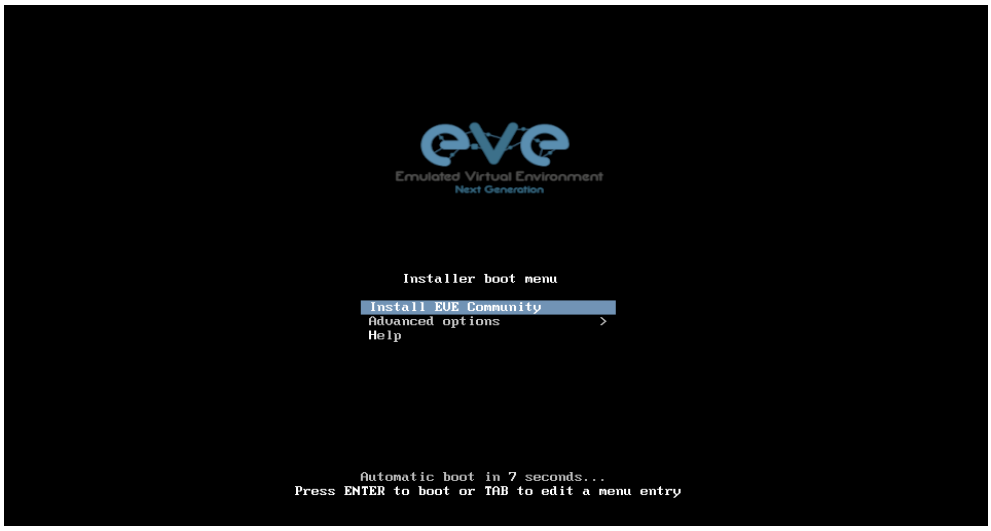
Click Finish to complete VM setup



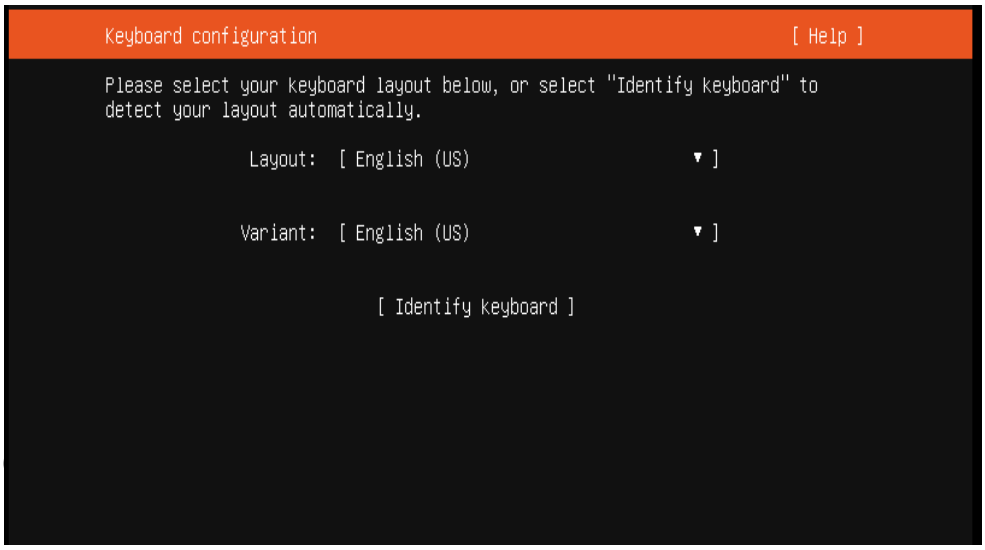
Power ON EVE VM.



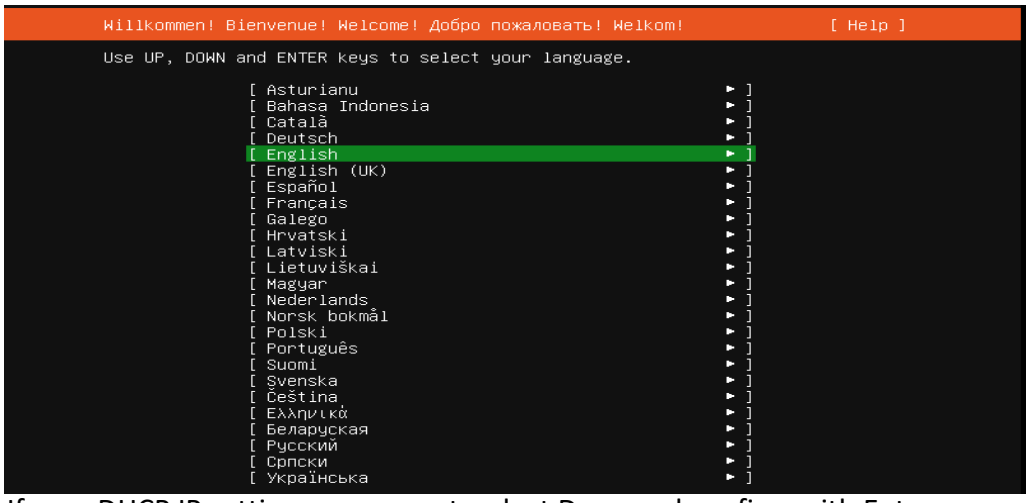
Chose Install EVE-NG Community Server and confirm with Enter.



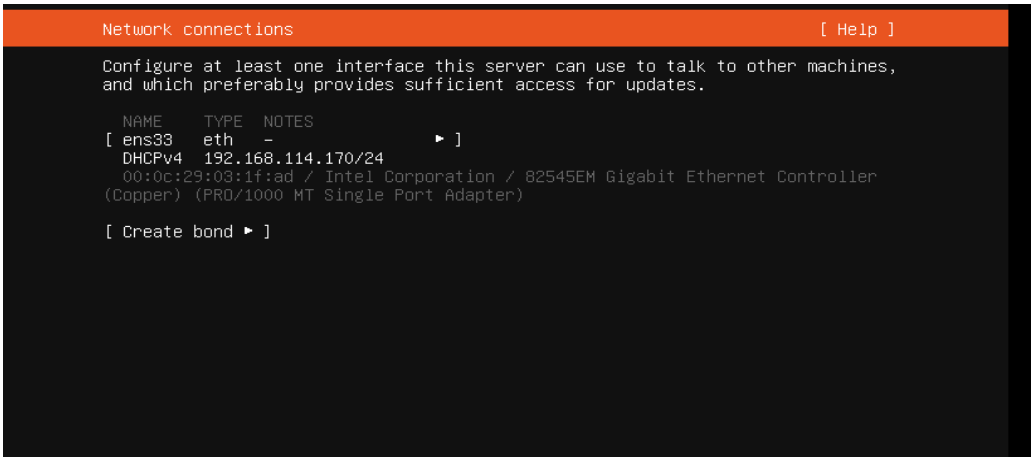
Select English language. Confirm with Enter.



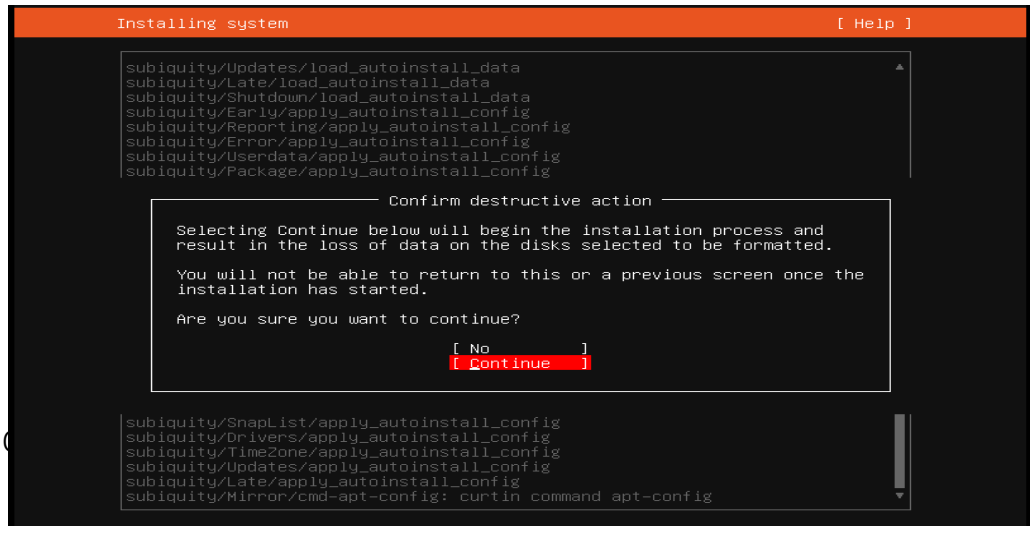
Make sure if English US keyboard is selected and confirm with Enter.



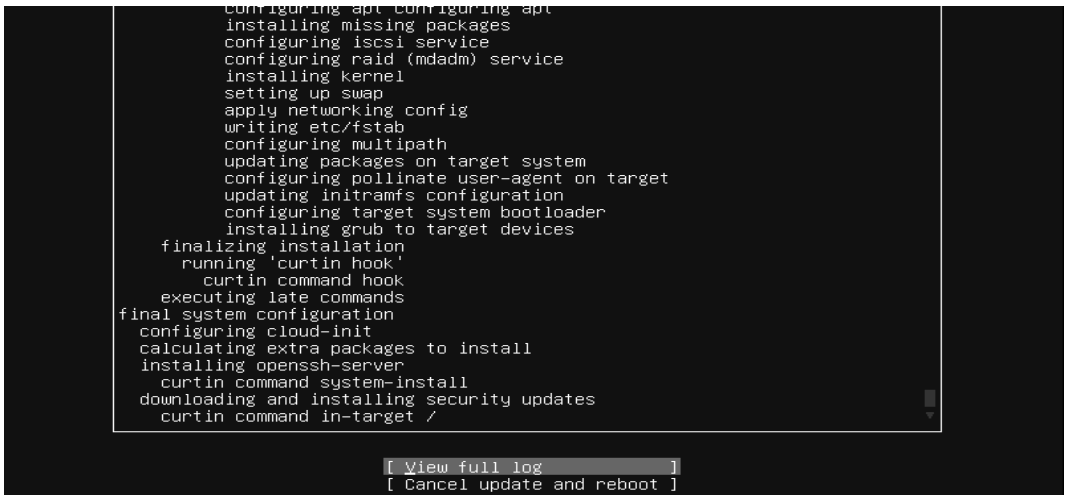
If your DHCP IP settings are correct, select Done and confirm with Enter.
If you have proxy in use for your internet, assign your network proxy settings. If no proxy in use, with Tab key select Continue and confirm with Enter.



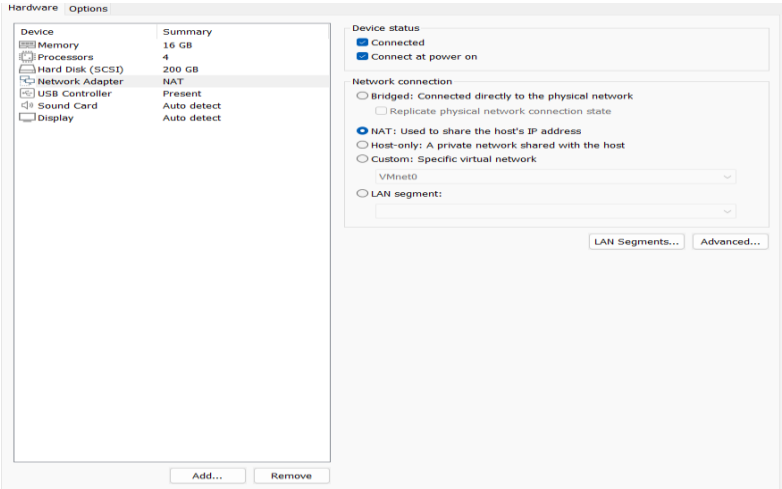
Select “Continue” and confirm with Enter.



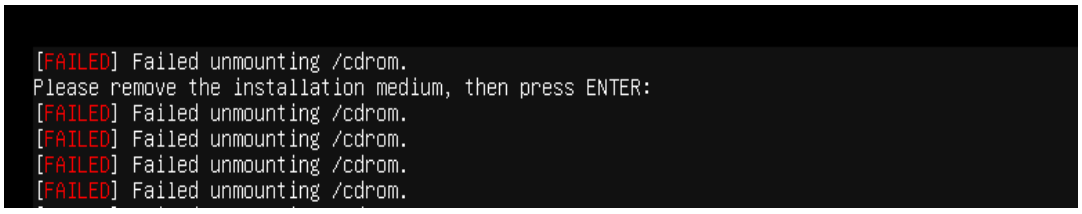
After the Ubuntu “Install Complete” select “Reboot Now” and hit Enter to continue. Save VM Settings.



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

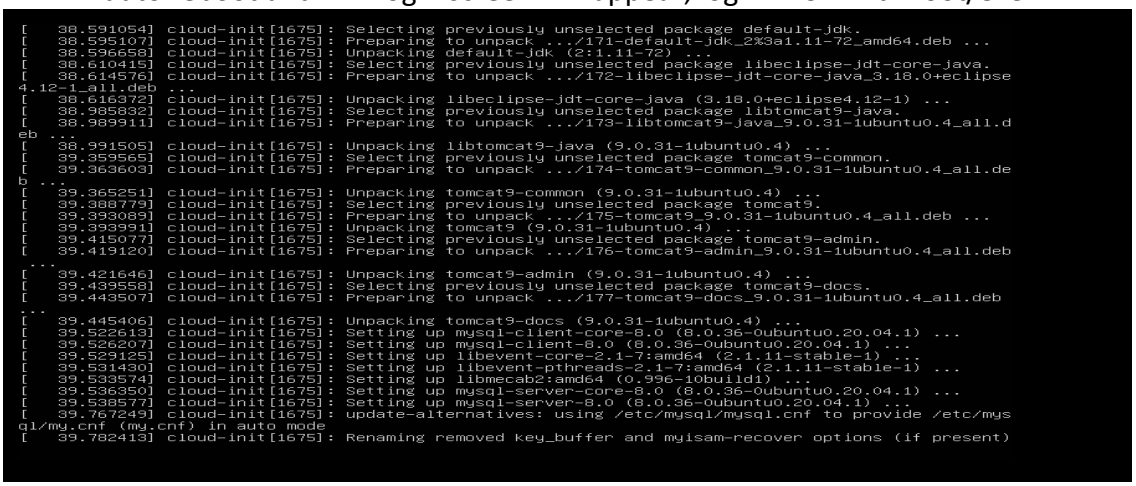


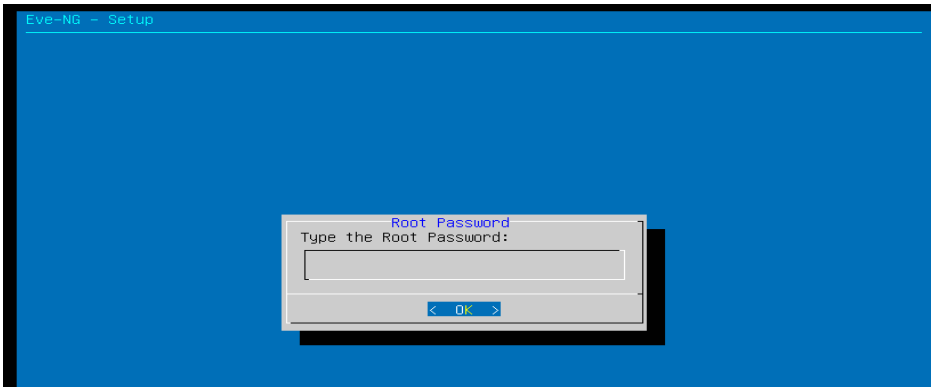
Return back to EVE console screen and confirm Continue with Enter, EVE VM will reboot and continue installation



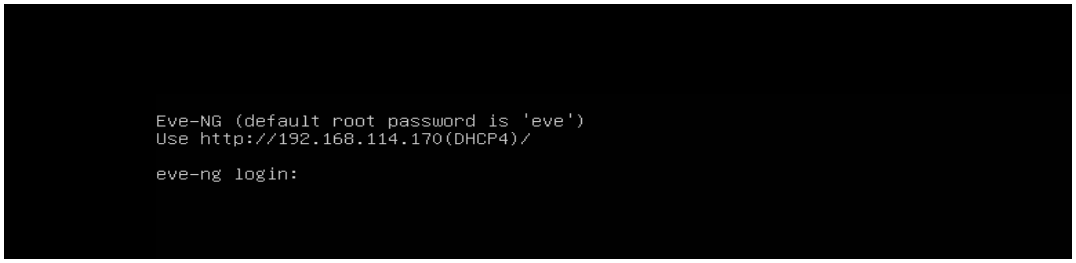
Depending on your internet speed EVE installation will take some time. After installation EVE.

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

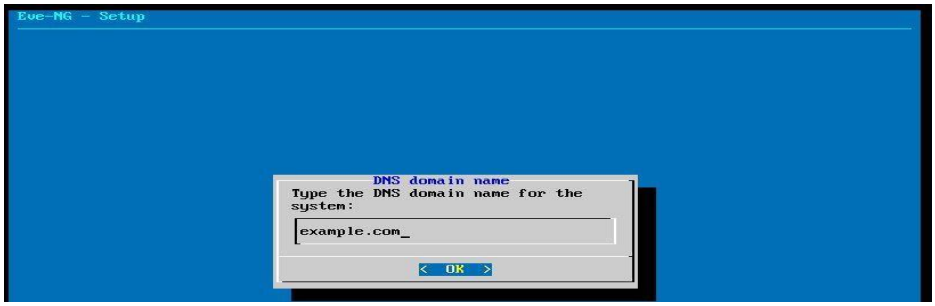




After your EVE is rebooted, Login to EVE CLI

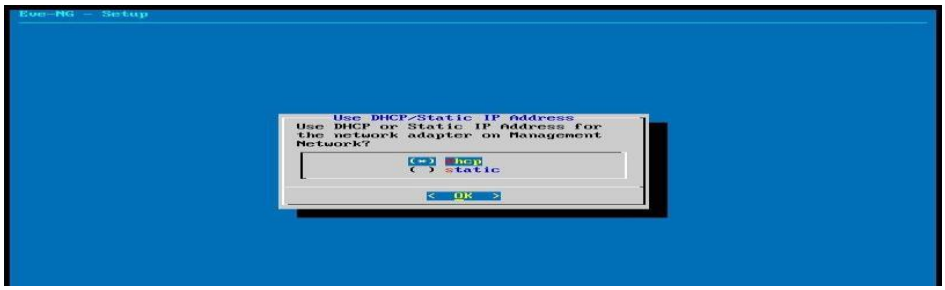


Type the domain name (default is example.com):

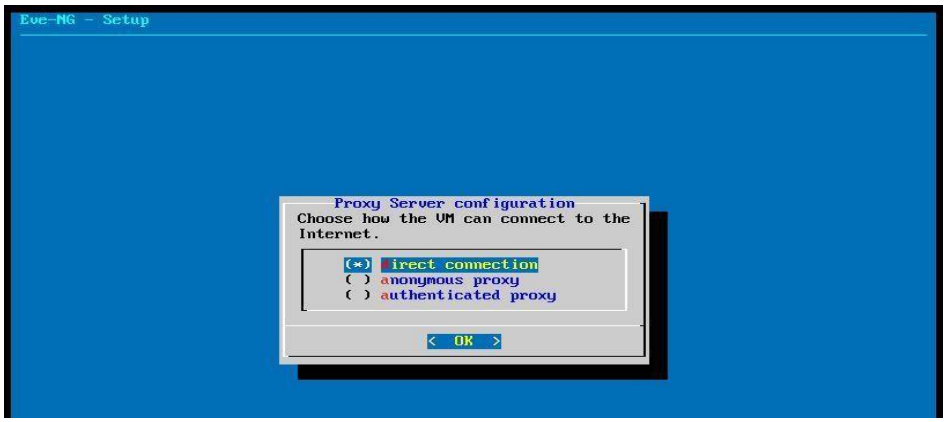


Select if management IP address should be static or configured by DHCP (default is DHCP, use arrow keys and space to select, then enter to confirm):

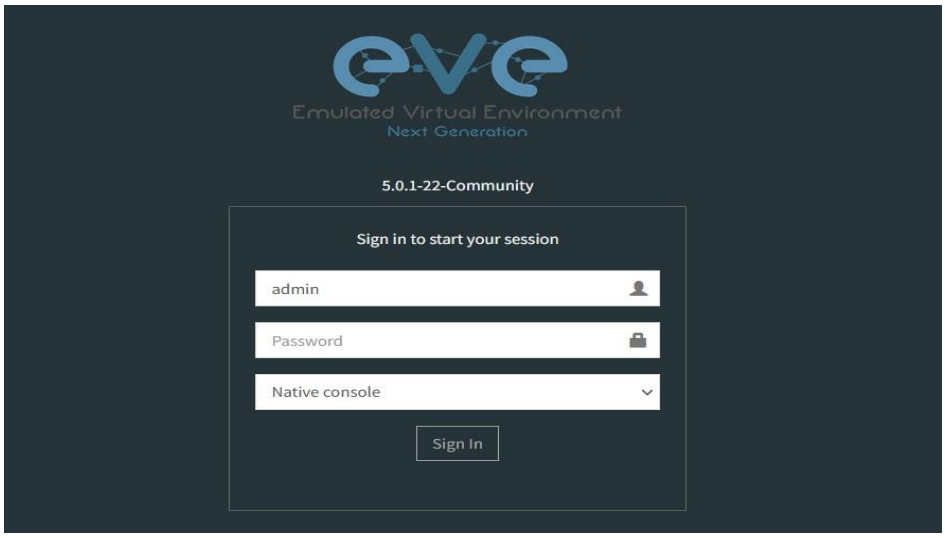
Static IP address will ask for IP address, netmask, default gateway, primary and secondary DNS servers.



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.



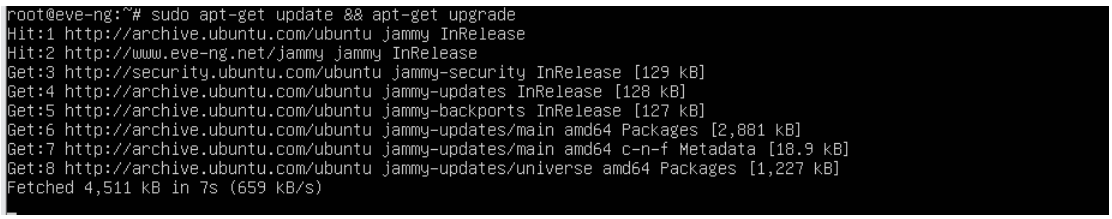
2. Access EVE-NG Web Interface

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



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