

# SOC HOME LAB



## Pre Requestees

To setup our lab we need to have some sort of pre requirements. If you are planning to setup this lab on your own computer you must at least have 16GB of RAM and 100GB of disk space.

In this demo I will setup entire lab on my laptop. If you are using an Apple silicon you can use cloud option other wise you will be face some difficulties.



You can try VMware Fusion or Parallels

I have already installed the Oracle VM VirtualBox in my laptop. For this lab setup we need,

1. Ubuntu VM
2. Windows 10 or 11 VM

You can download the above images form below links.

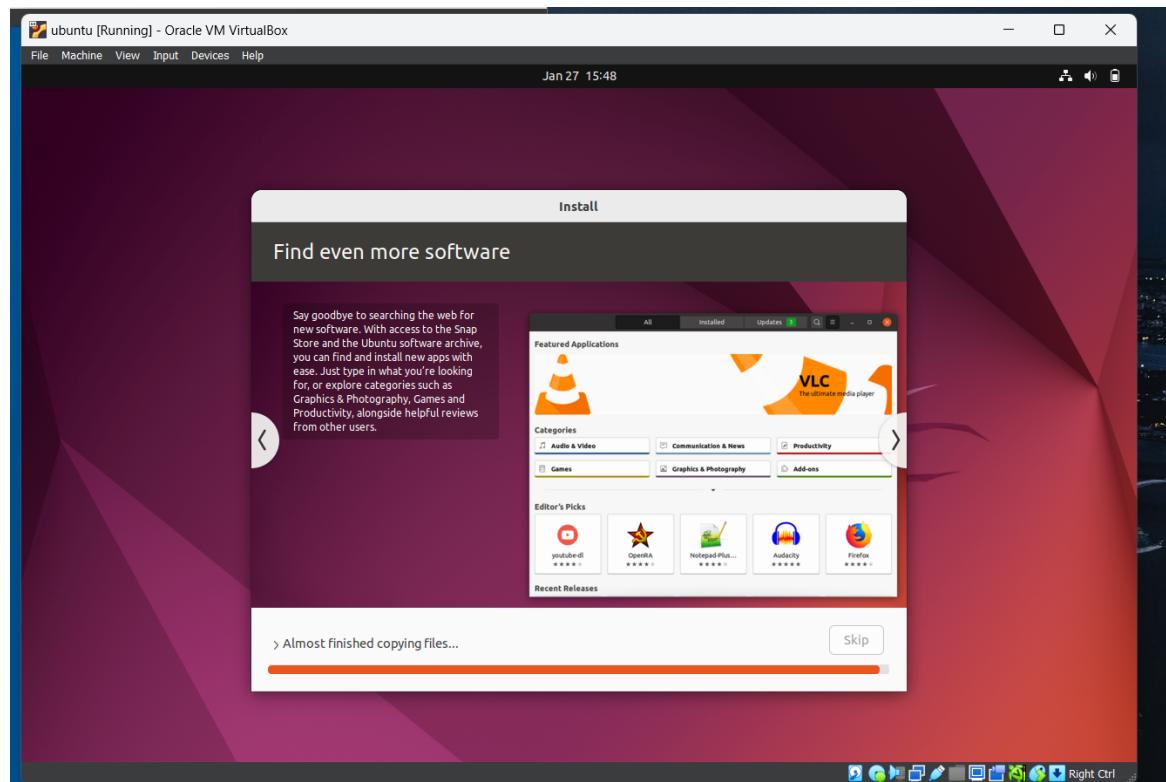
## [Download Ubuntu Desktop | Download | Ubuntu](#)

Ubuntu is an open source software operating system that runs from the desktop, to the cloud, to all your internet connected things.

🔗 <https://ubuntu.com/download/desktop>

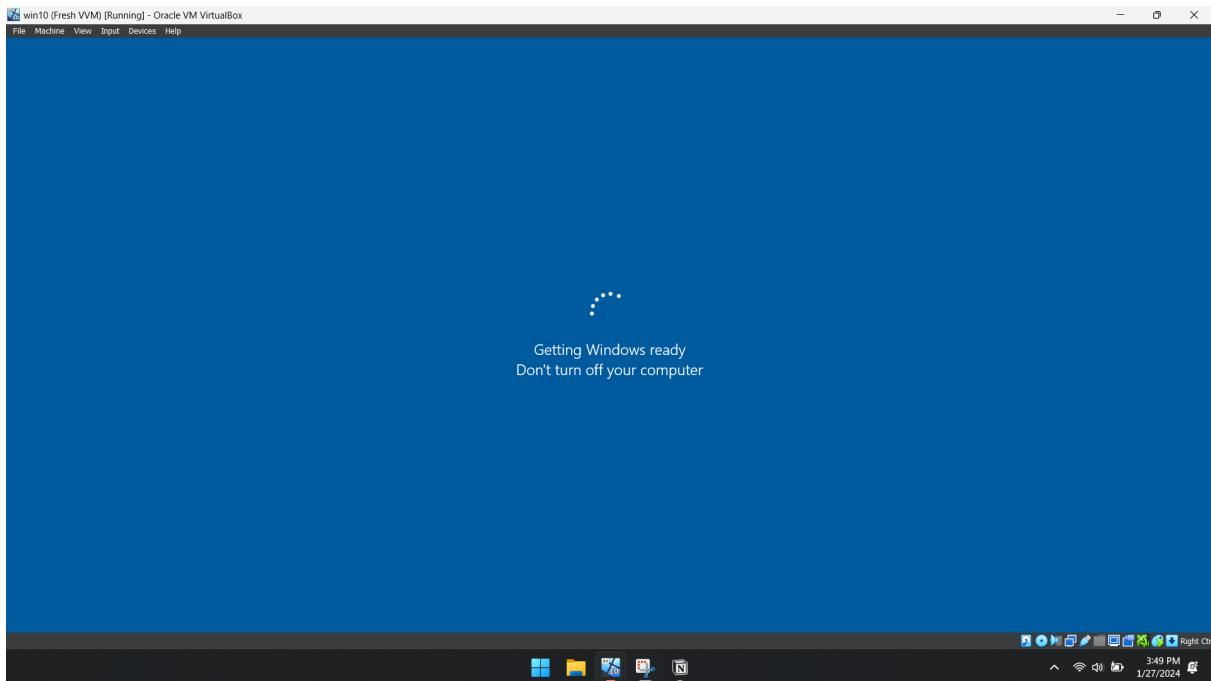
<https://ubuntu.com/download/desktop>

I have already installed the Ubuntu on Oracle VM box.



Installing Ubuntu

Also I have installed the Windows 10 VM for this lab.



Installing windows 10



```
curl -sO https://packages.wazuh.com/4.7/wazuh-install.sh && sudo  
bash ./wazuh-install.sh -a
```

Here are more details about how to install each components before we install the hive.

### Install Java

```
wget -qO- https://apt.corretto.aws/corretto.key | sudo gpg --dearmor -o  
/usr/share/keyrings/corretto.gpg
```

```
echo "deb [signed-by=/usr/share/keyrings/corretto.gpg]  
https://apt.corretto.aws stable main" | sudo tee -a  
/etc/apt/sources.list.d/corretto.sources.list
```

```
sudo apt update  
sudo apt install java-common java-11-amazon-corretto-jdk  
echo JAVA_HOME="/usr/lib/jvm/java-11-amazon-corretto" | sudo tee -a  
/etc/environment  
export JAVA_HOME="/usr/lib/jvm/java-11-amazon-corretto"
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