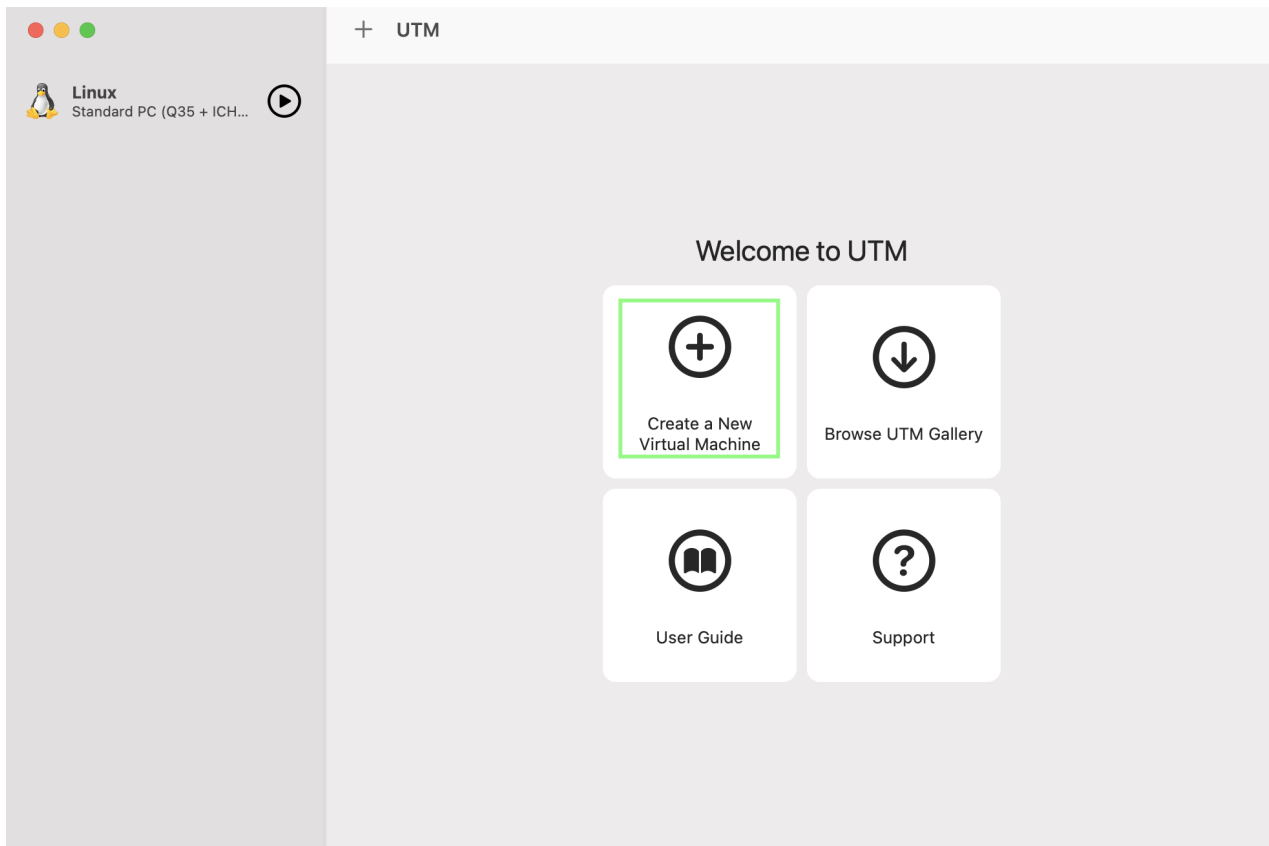


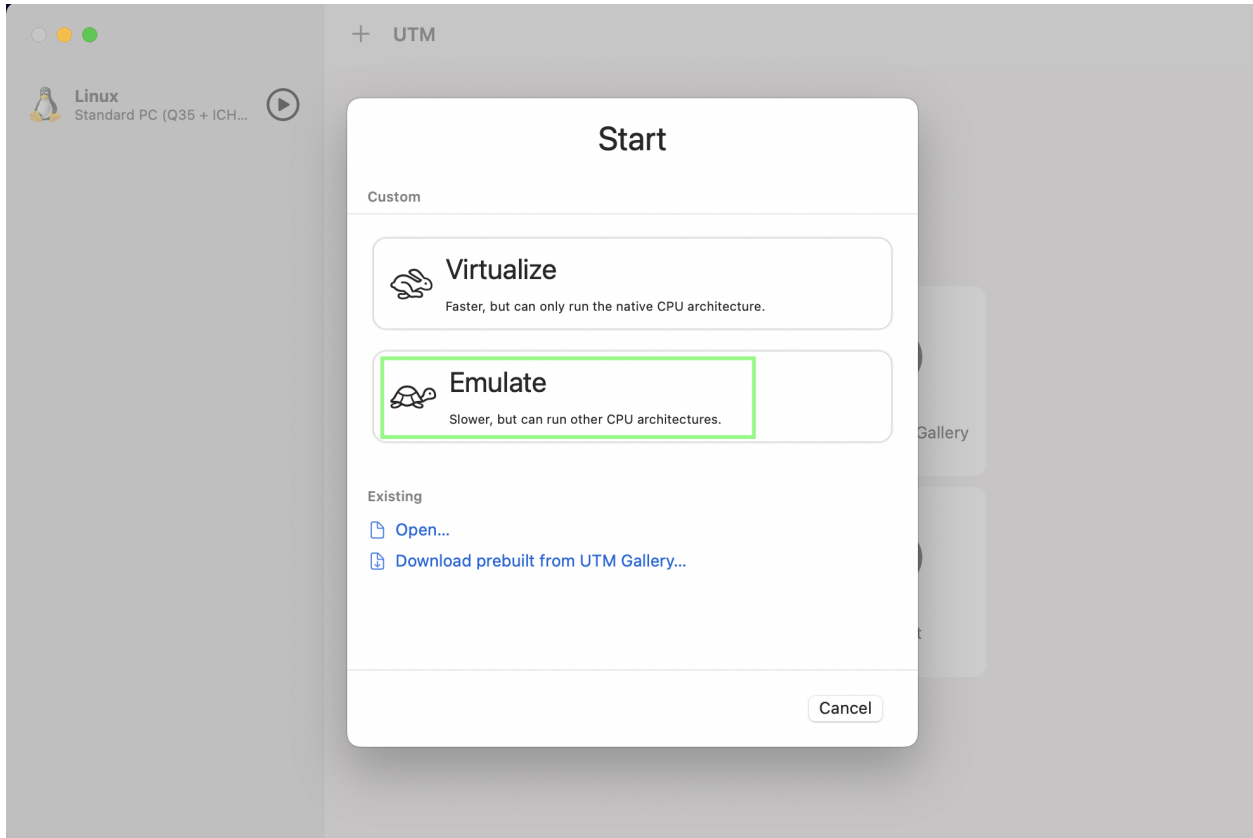
UTM can be used to emulate x86\_64 based OS on the M1 Apple Silicon Mac.  
Download from: <https://mac.getutm.app/>

Here are the steps to install an ubuntu VM on UTM:

1. Start a new VM instance with “Create a New Virtual Machine”



2. Select the ‘Emulate’ option when using the M1 Apple Silicon Mac



3. Select 'Linux' OS

# Operating System

## Preconfigured

---

 Windows

 Linux

## Custom

 Other

Cancel

Go Back

4. Select the ubuntu ISO image downloaded to the mac

# Linux

## Boot Image Type

---

Boot from kernel image

[🔗 Ubuntu Install Guide](#)

## Boot ISO Image

Path

Clear

Browse...

---

Cancel

Go Back

Continue

5. Update the 'Memory' and 'CPU Cores' as shown below.

# Hardware

## Architecture

x86\_64



## System

Standard PC (Q35 + ICH9, 2009) (alias of pc-q35-7.2) (q35)



## Memory



## CPU

CPU Cores



4

Cancel

Go Back

Continue

6. Update 'Storage' size to 40GB

# Storage

Size

---

Specify the size of the drive where data will be stored into.

40 GB

---

Cancel

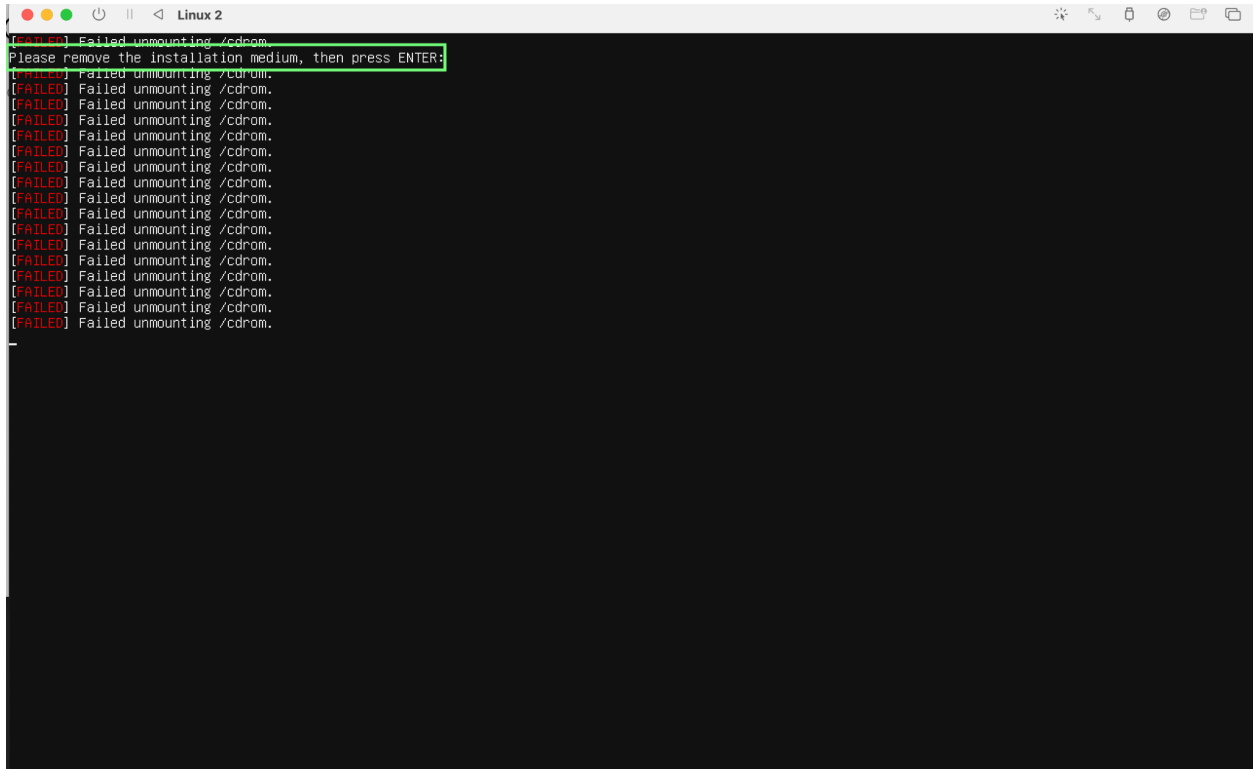
Go Back

Continue

7. Leave the rest of the prompts with the default selection and continue with the ubuntu installation



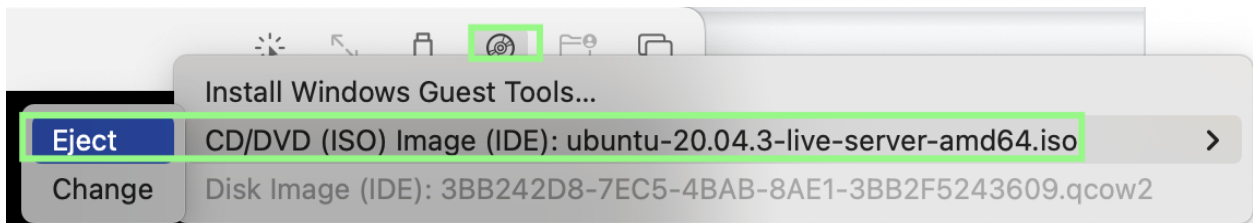
8. The installation process is exactly the same as the one described in “Expedition Installation Guide”. Once these steps are complete, select the “Reboot Now” option.
9. During the reboot process, a message prompts for removing the installation medium.



10. Before pressing ENTER in the above window, remove the installation medium by clicking the 'Drive image options' in the top-right option bar of the UTM window as highlighted.

Click 'CD/DVD (ISO) Image' and select eject.

Press Enter in the VM to continue booting ubuntu.



11. Once logged in, continue with the steps to install Expedition Application