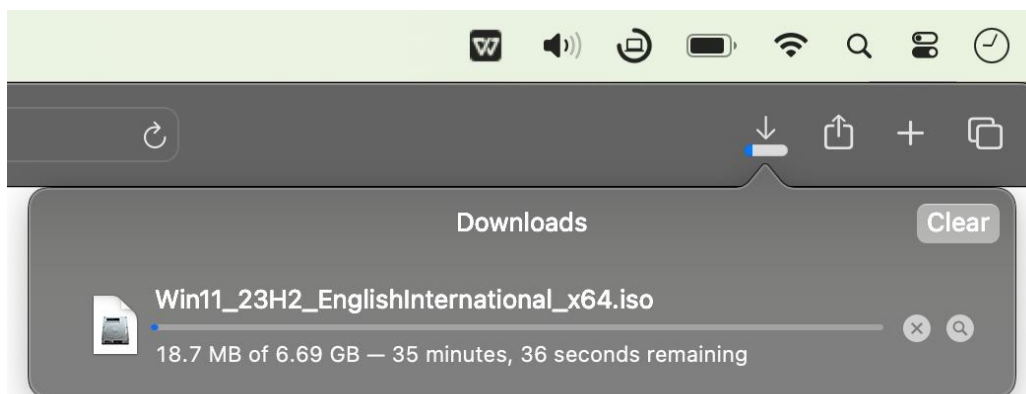
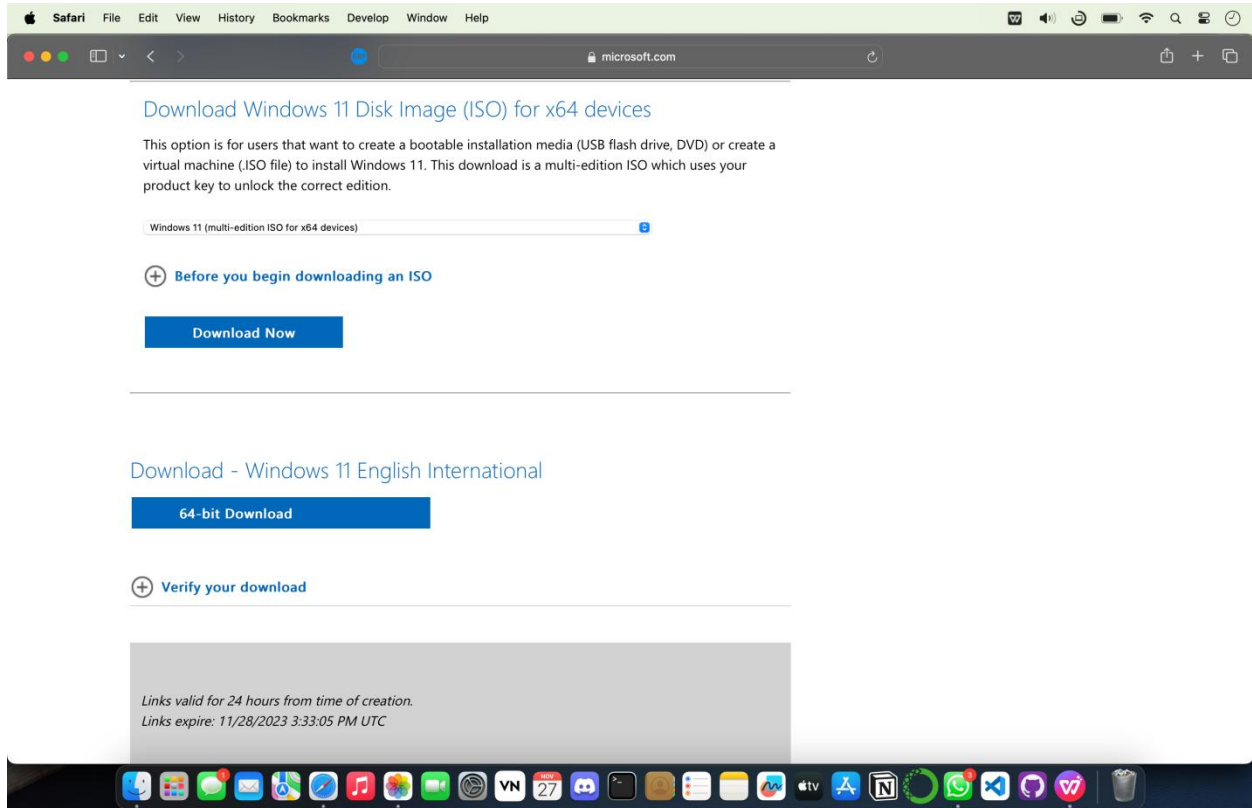




Step 2: Obtain Guest OS ISO

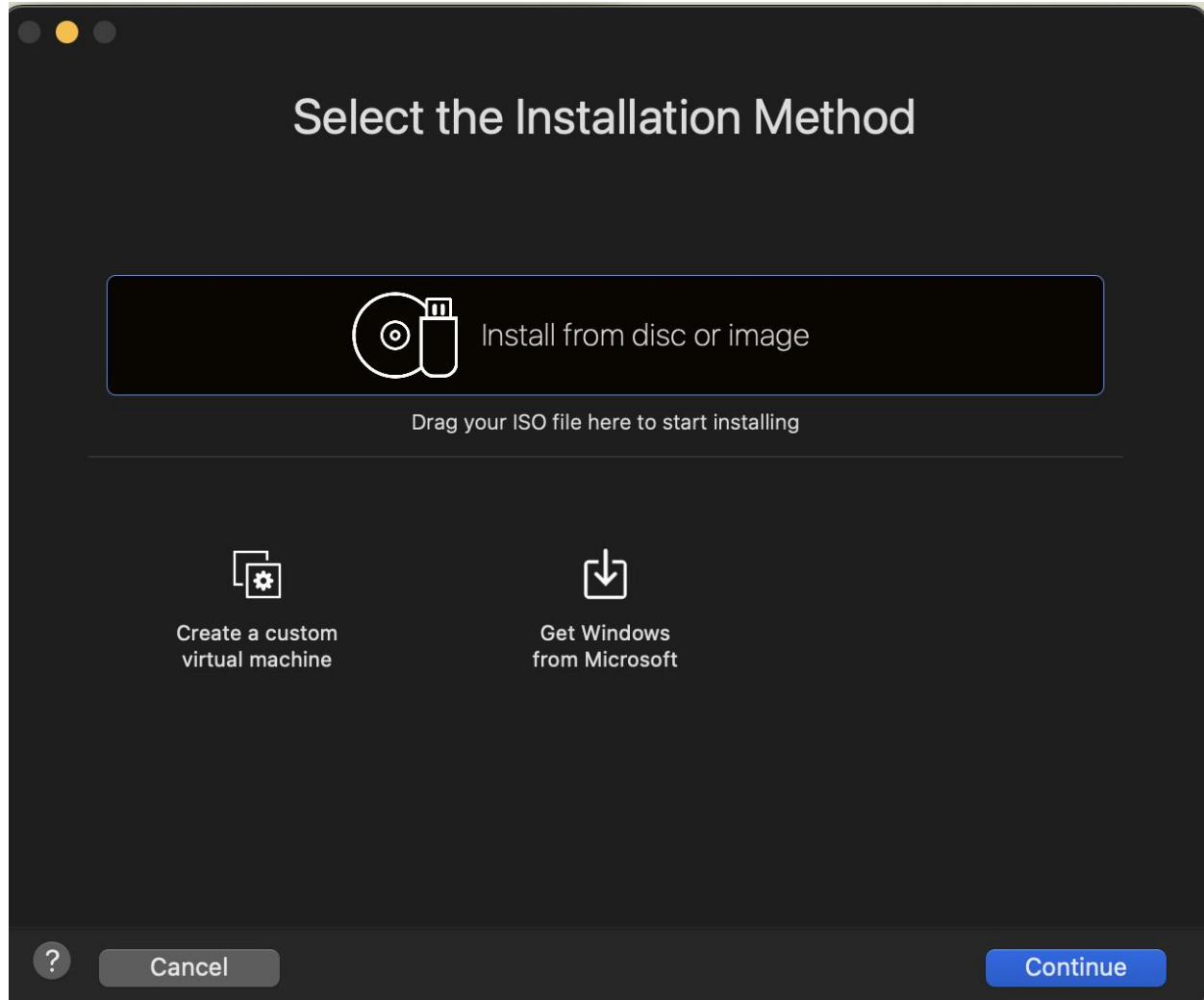
- Download the ISO file for the guest OS you intend to install on the VM. we will install windows 11 on macos, get ISO file from <https://www.microsoft.com/software-download/windows11>

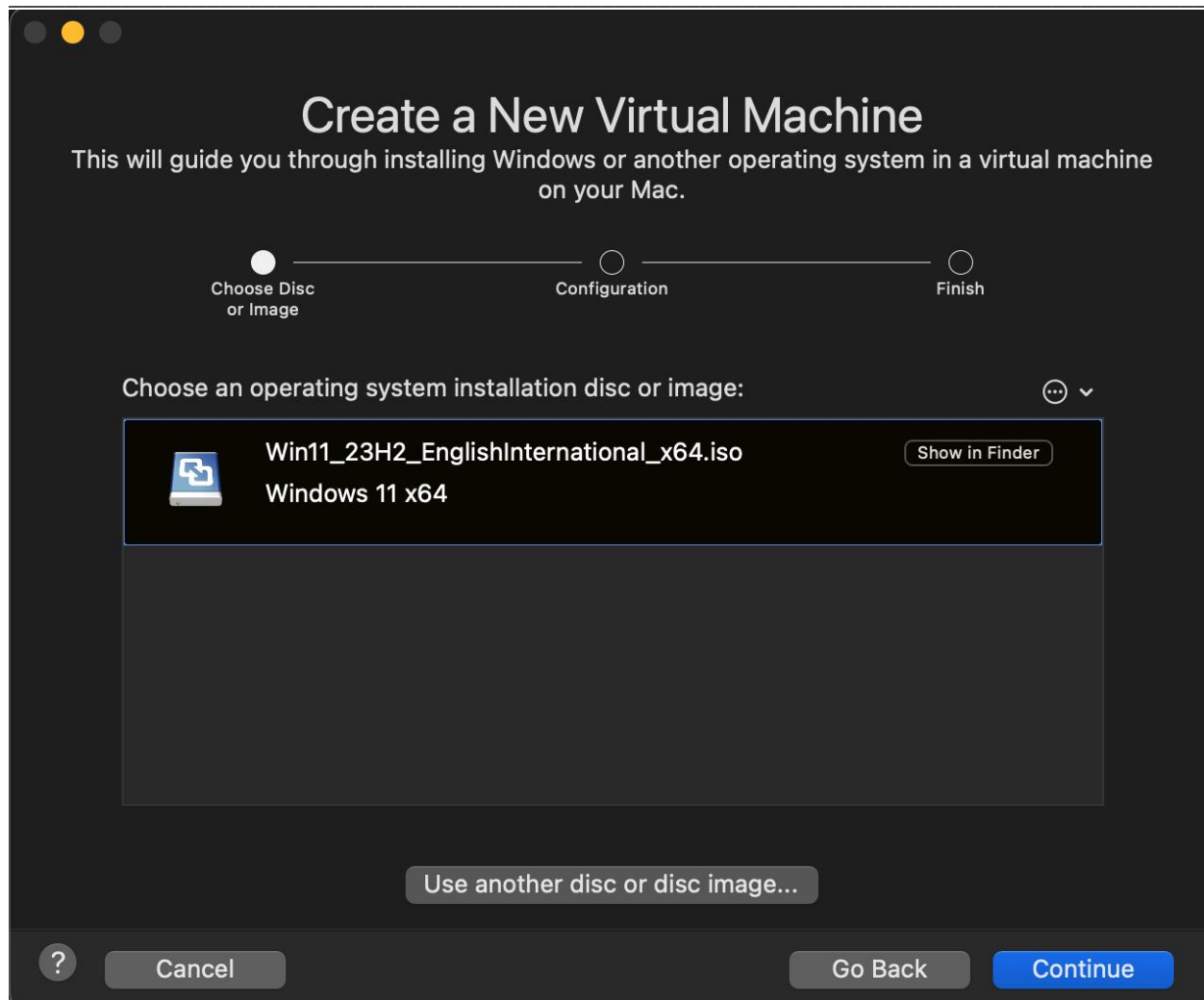




Step 3: Create a New VM

- Open VirtualBox or VMware Fusion.





- Create a new virtual machine using the software's interface.
- Name the VM.

- Select the type and version of the guest OS.



Choose Encryption
Key in the Password for Encrypting this virtual machine.

Progress: Choose Disc or Image (selected), Configuration, Finish

Key in the Password for Encryption

This Guest OS requires a virtualized TPM to function securely. The VM must be encrypted with either Full or Fast encryption to add a TPM device. The password must have atleast 8 characters.

- ☐ All the files (.vmdk, .vmx, etc) for this virtual machine are encrypted.
- ☒ Only the files needed to support a TPM are encrypted. (.nvram, .vmss, .vmem, .vmx, .vmsn)

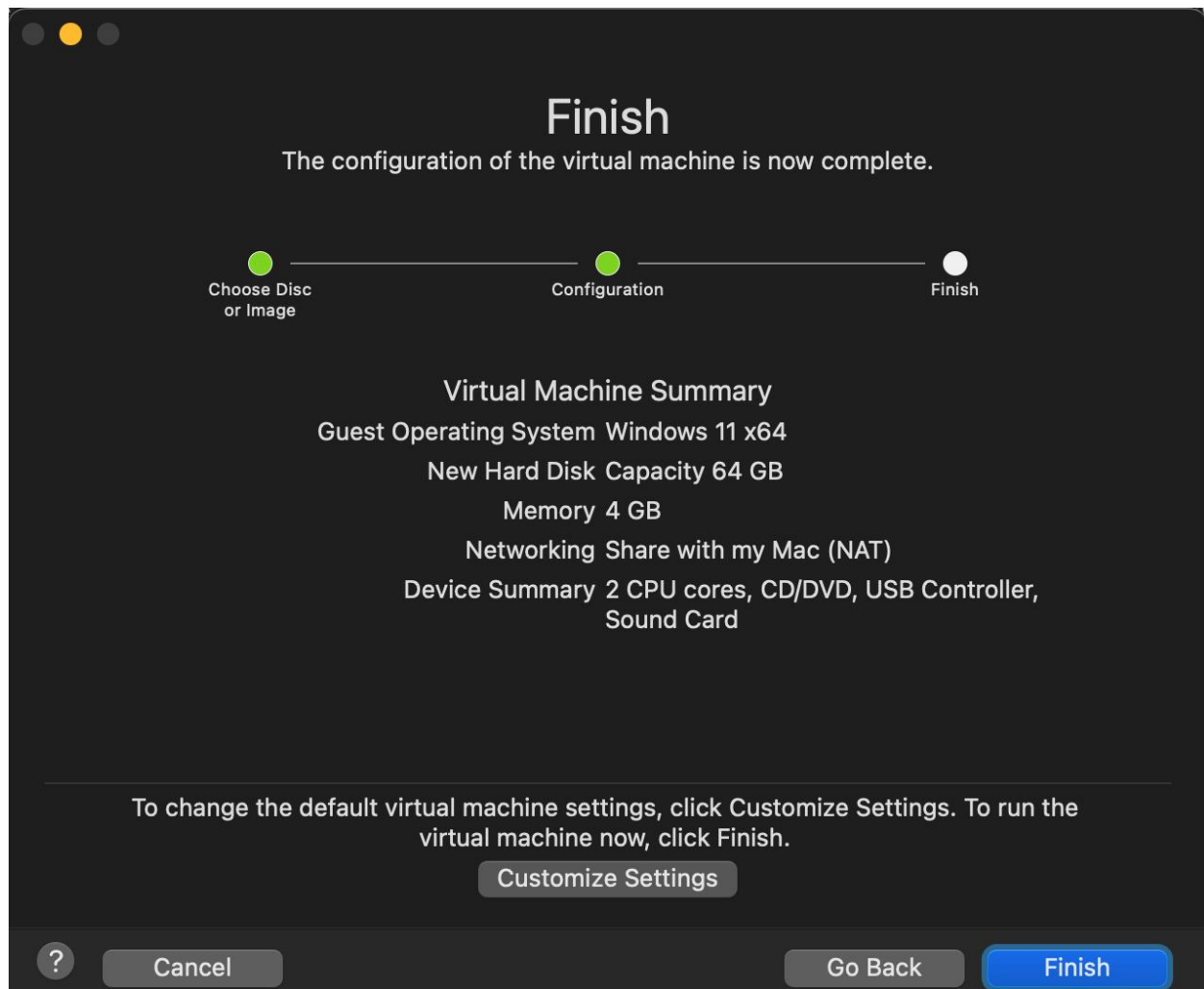
Password:

Verify:

☒ Remember Password and store it in Mac's Keychain

Buttons: ? Cancel Go Back Continue

- Allocate memory (RAM) and storage for the VM.

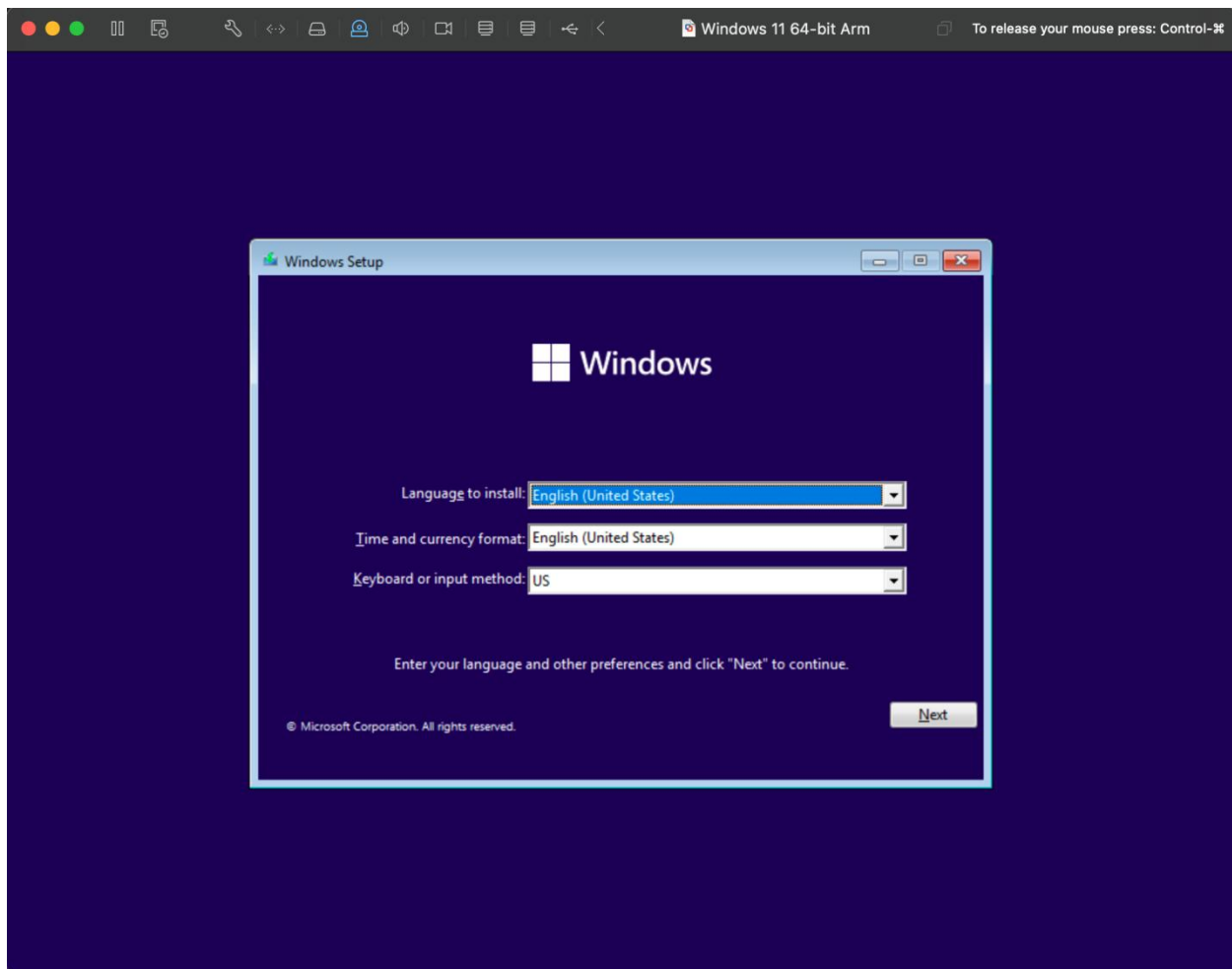


Step 4: Configure VM Settings

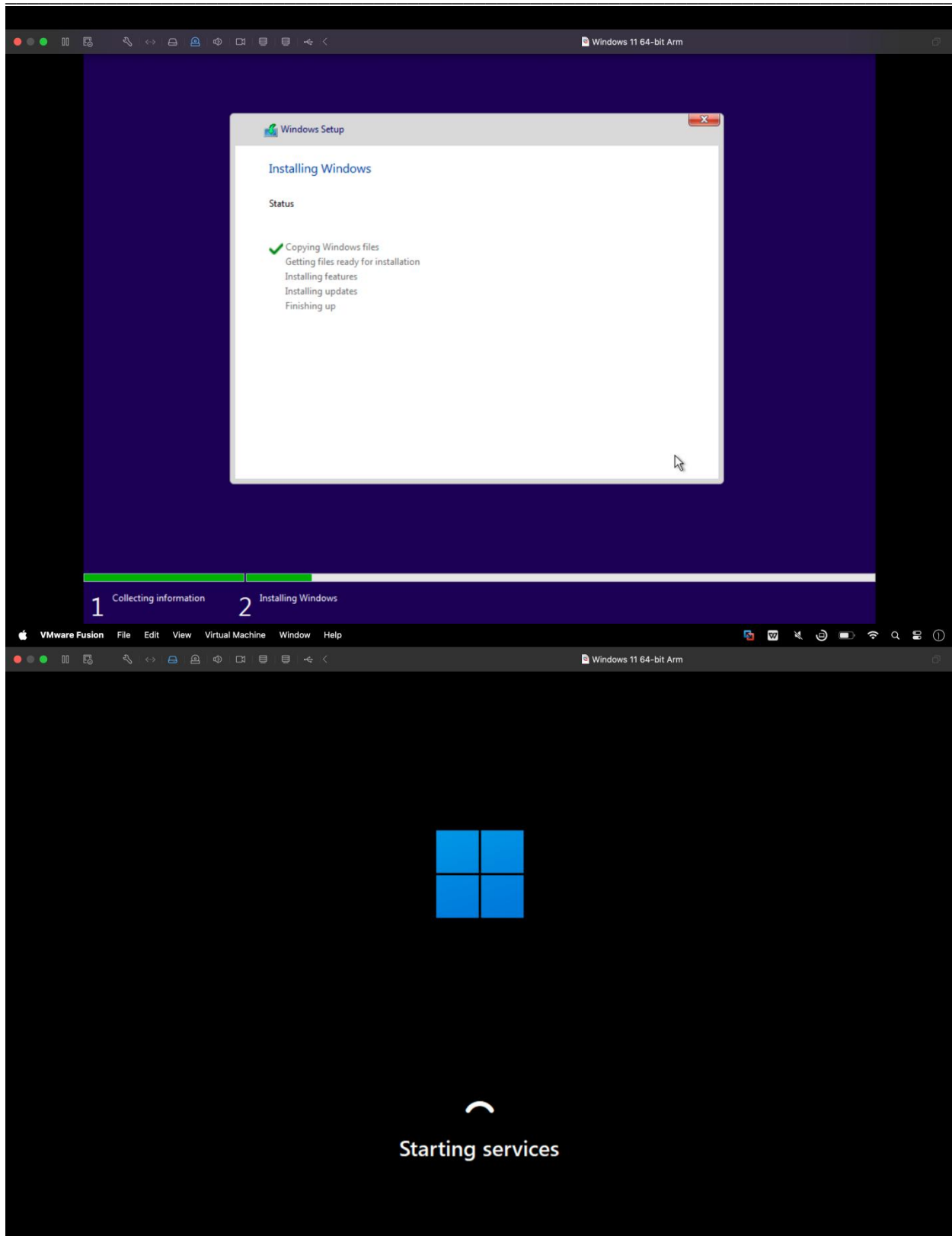
- Adjust settings like network configurations, display, and additional hardware settings as required.
- Attach the downloaded guest OS ISO file to the virtual optical drive.

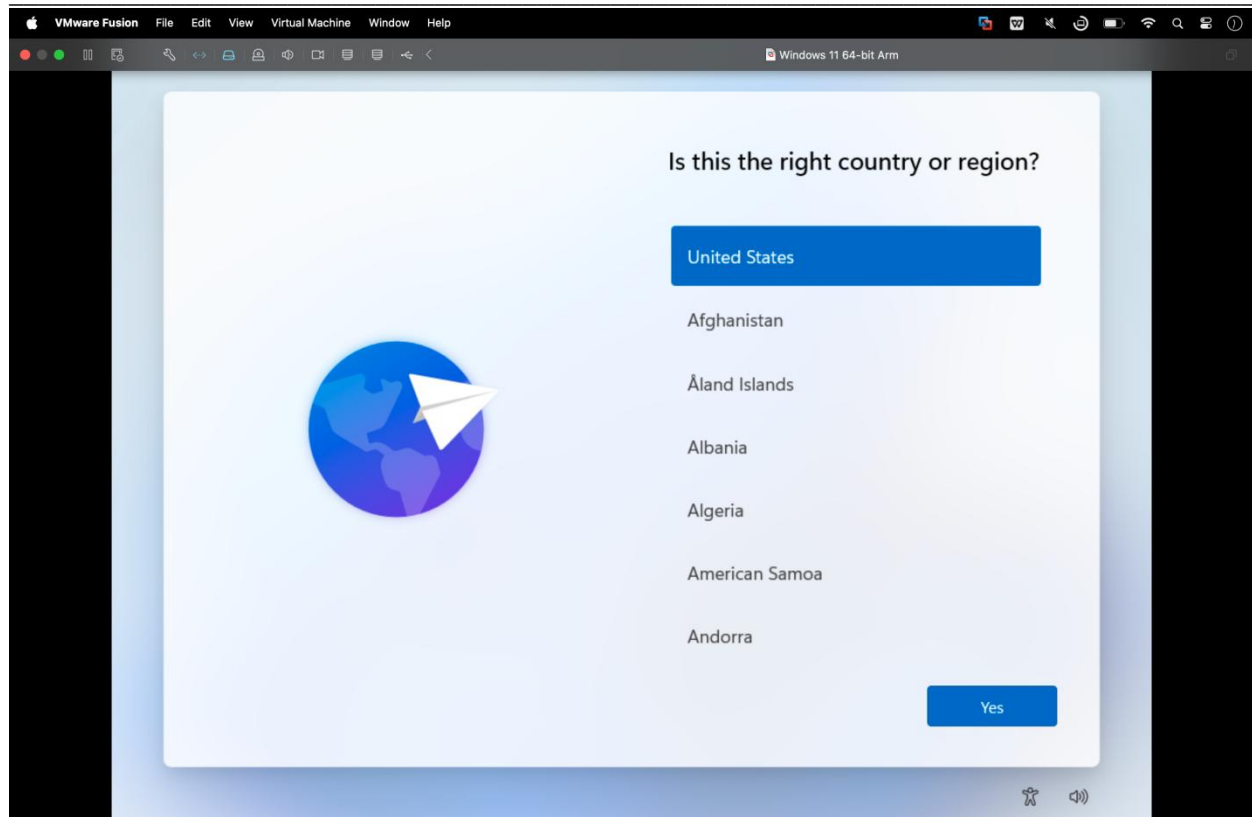
Step 5: Install Guest OS

- Start the VM and boot from the attached ISO file.

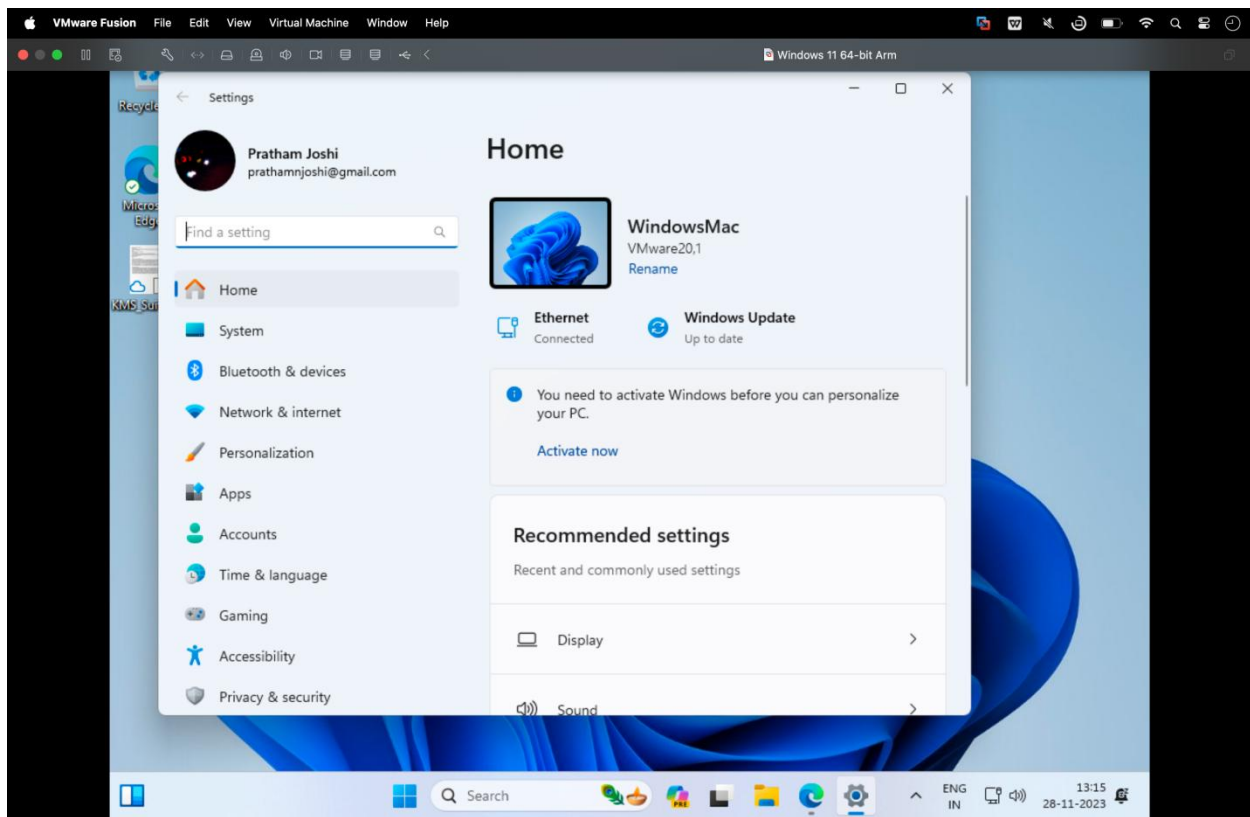


- Follow the installation prompts to install the guest OS within the VM.

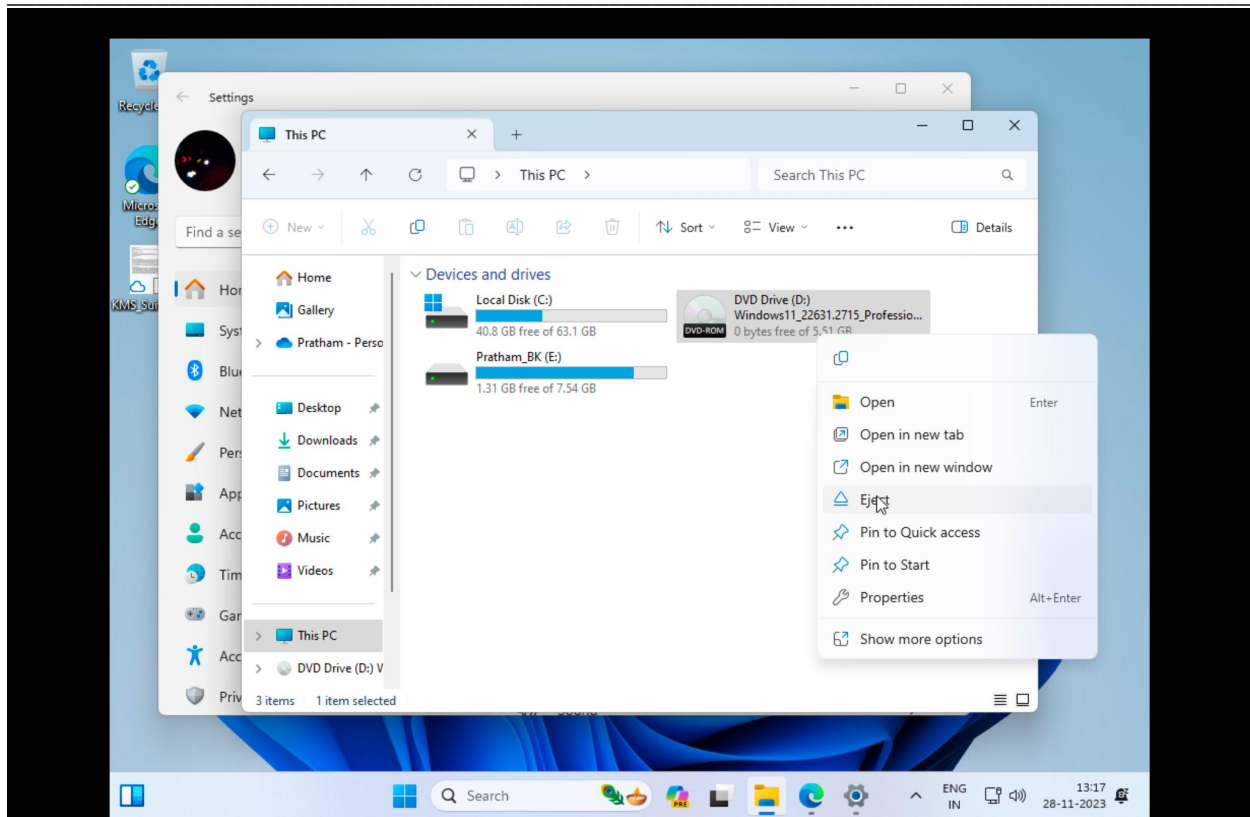




Step 6: Complete Installation



- Eject the ISO file from the virtual optical drive after the guest OS installation is complete.



- Restart the VM and configure any additional settings within the guest OS.

Conclusion:

Successfully set up and configured a virtual machine with a guest operating system on a macOS environment using VirtualBox or VMware Fusion. This experiment illustrated the process of creating a virtual environment and installing a guest OS, allowing for testing and running different operating systems on a single machine.