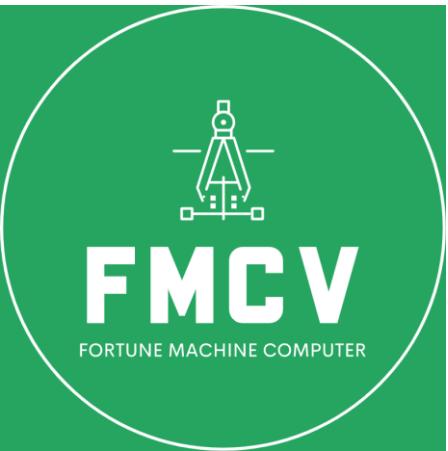


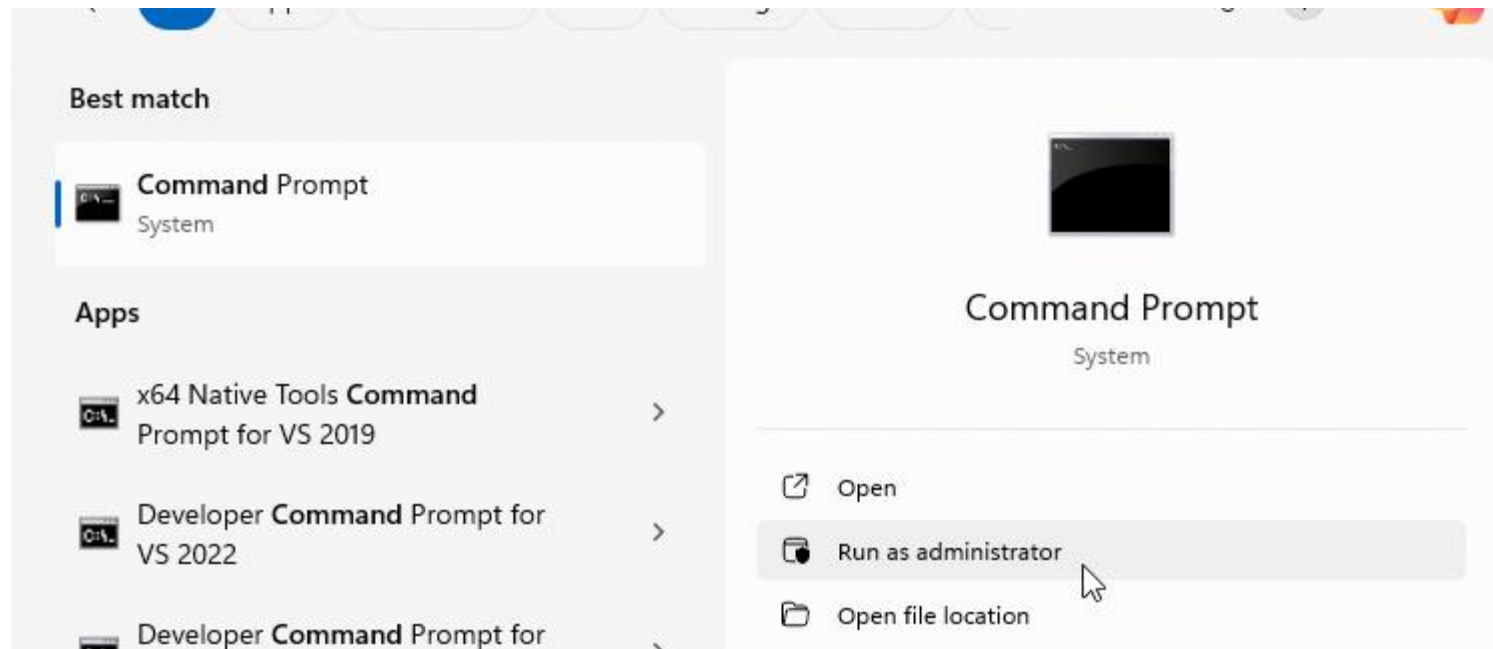
WSL 2 Setup

20240725 Windows Subsystem for Linux 2 Basic Setup



Installation for first time

- Open command prompt with Administrator right



Installation for first time

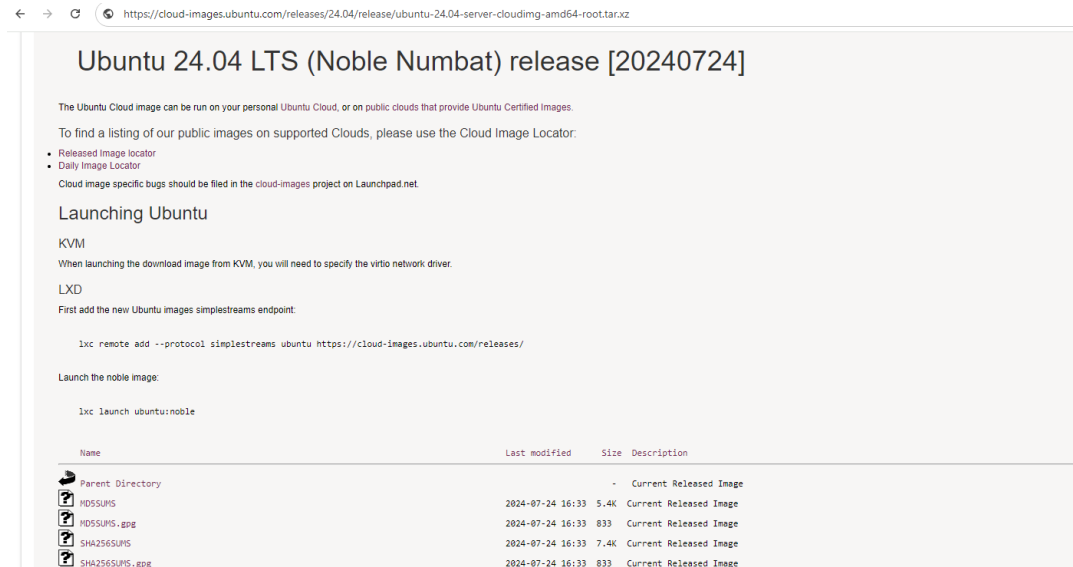
- `wsl --install`

```
Microsoft Windows [Version 10.0.22631.3880]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\user>wsl --install
```

- Restart computer

Customise deployment

- <https://cloud-images.ubuntu.com/releases/24.04/release/>



← → ↻ https://cloud-images.ubuntu.com/releases/24.04/release/ubuntu-24.04-server-cloudimg-amd64-root.tar.xz

Ubuntu 24.04 LTS (Noble Numbat) release [20240724]

The Ubuntu Cloud image can be run on your personal Ubuntu Cloud, or on public clouds that provide Ubuntu Certified Images.

To find a listing of our public images on supported Clouds, please use the Cloud Image Locator:

- Released Image locator
- Daily Image Locator

Cloud image specific bugs should be filed in the [cloud-images project on Launchpad.net](#).

Launching Ubuntu

KVM

When launching the download image from KVM, you will need to specify the virtio network driver.

LXD

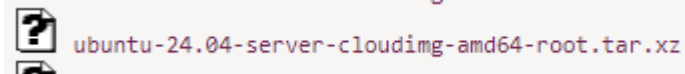
First add the new Ubuntu images simplestreams endpoint:

```
lxc remote add --protocol simplestreams ubuntu https://cloud-images.ubuntu.com/releases/
```

Launch the noble image:

```
lxc launch ubuntu:noble
```

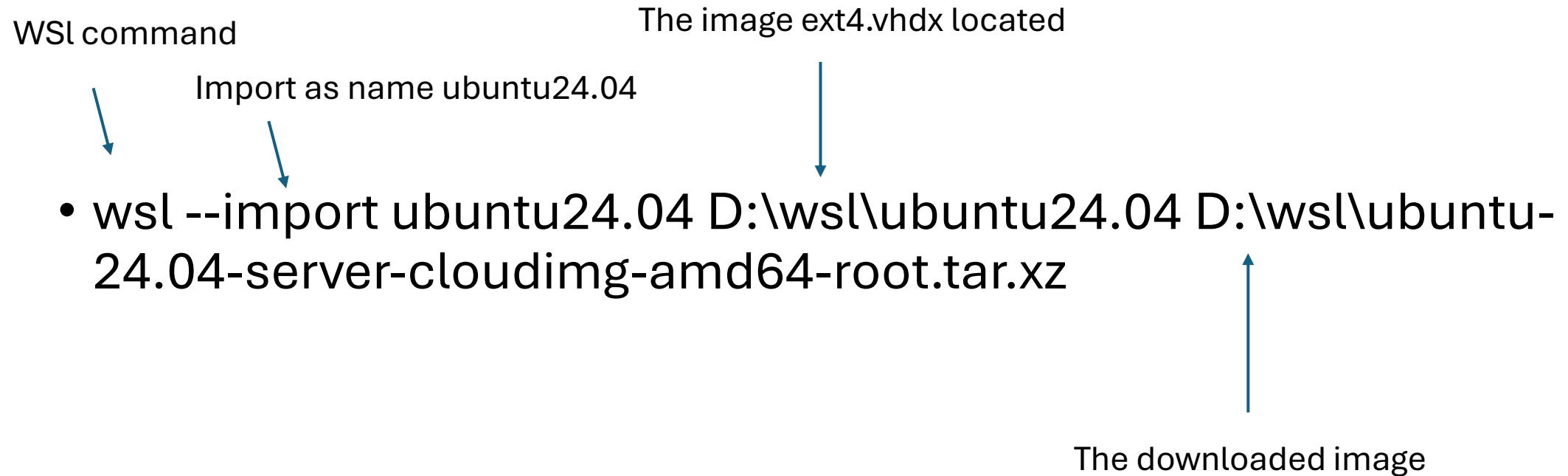
Name	Last modified	Size	Description
Parent Directory	-	-	Current Released Image
MD5SUMS	2024-07-24 16:33	5.4K	Current Released Image
MD5SUMS.gpg	2024-07-24 16:33	833	Current Released Image
SHA256SUMS	2024-07-24 16:33	7.4K	Current Released Image
SHA256SUMS.gpg	2024-07-24 16:33	833	Current Released Image



```
ubuntu-24.04-server-cloudimg-amd64-root.tar.xz
```

<https://cloud-images.ubuntu.com/releases/24.04/release/ubuntu-24.04-server-cloudimg-amd64-root.tar.xz>

Setup the customise deployment



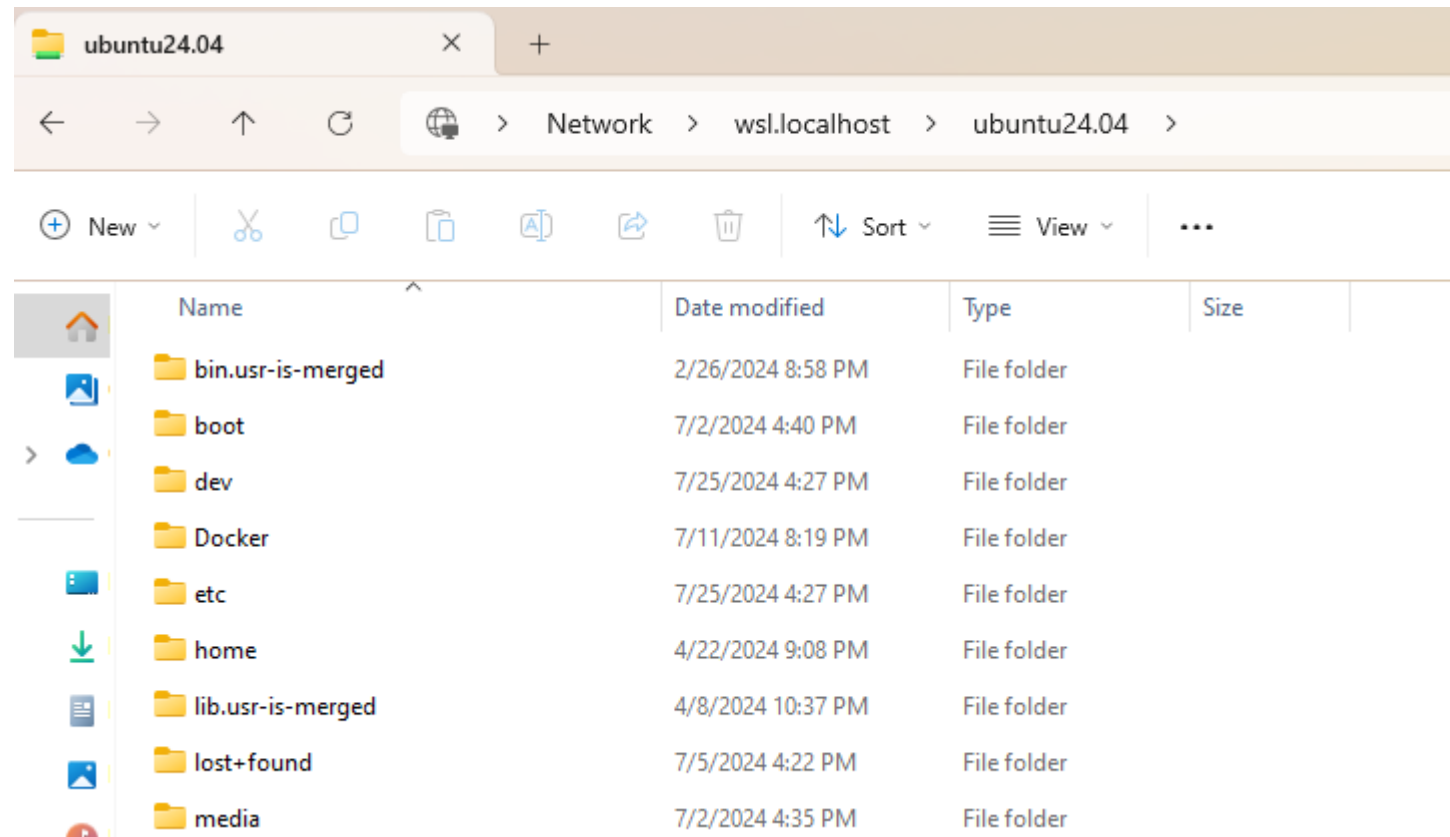
List installed and Set as default

- `wsl --list`
- `wsl --set-default ubuntu24.04`
- `wsl --set-default-version 2`

Exchange or explore files with linux

- [\\wsl.localhost\ubuntu24.04\](#)
- explorer.exe .

```
root@DESKTOP-EE4GT45: /  
D:\>wsl --list  
Windows Subsystem for Linux Distributions:  
ubuntu24.04 (Default)  
docker-desktop  
D:\>wsl -d ubuntu24.04  
root@DESKTOP-EE4GT45:/mnt/d# cd /  
root@DESKTOP-EE4GT45:/# explorer.exe .  
root@DESKTOP-EE4GT45:/# |
```



Export or Remove

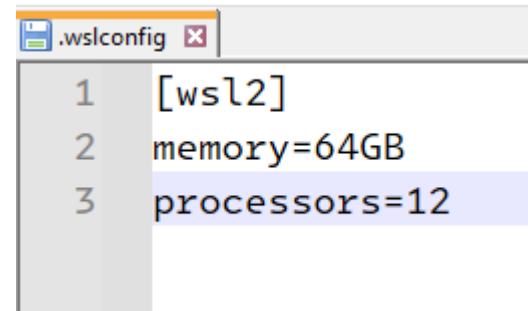
- `wsl --export Ubuntu D:\wsl\Ubuntu.tar`
- `wsl --unregister Ubuntu`

Shutdown

- `wsl --shutdown`
- `wsl --terminate <distroName>`

WSL Config

- <https://learn.microsoft.com/en-us/windows/wsl/wsl-config>
- To control the wsl configuration like RAM and Processor available
- `C:\Users\\.wslconfig`



```
.wslconfig
1 [wsl2]
2 memory=64GB
3 processors=12
```