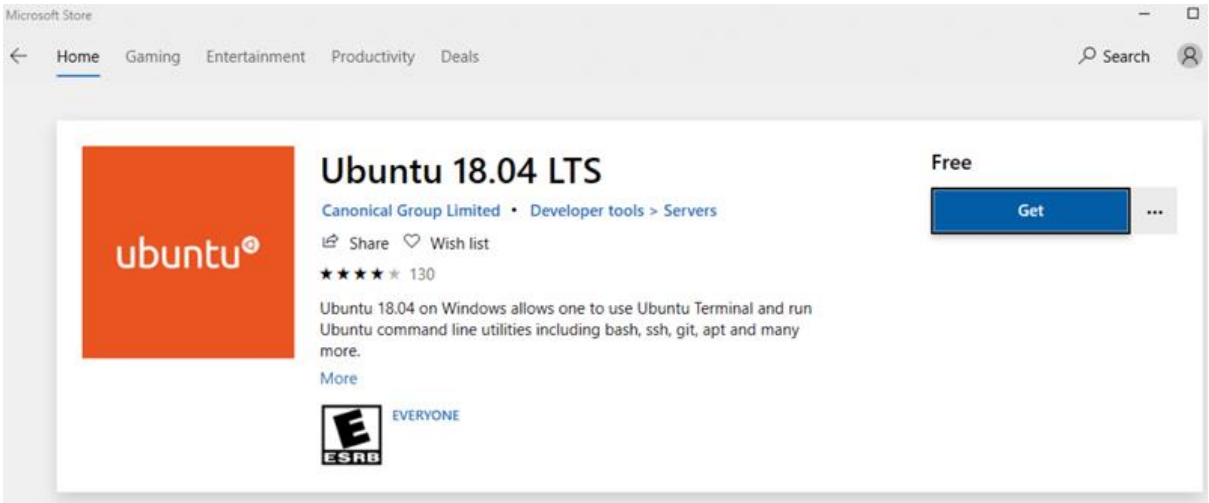
Step 1: Make sure your Windows 10 version is 2004 or later

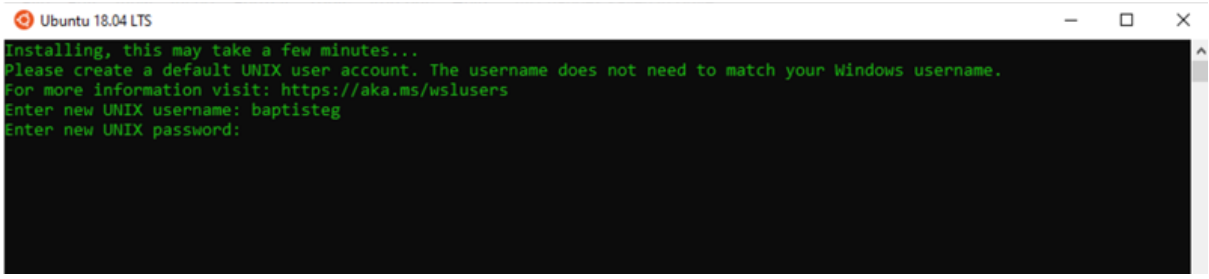
1. **Select the Start button** > Settings > System > About
2. Under Windows Specifications, you will see **which version of Windows 10 you're running**
3. If your version is lower than 2004, go to Windows Update in your settings and **update Windows**
4. If the v2004 update doesn't show up, you can use the **Update Assistant** to update Windows 10

Step 2: Getting your machine ready to use WSL 2

1. Search for ‘’**Turn Windows features on or off**’ in your search bar on the bottom left of your screen
2. Enable both ‘**Virtual Machine Platform**’ and ‘**Windows Subsystem for Linux**’
3. **Restart** your computer

Step 3: Installing a Linux distribution on Windows 10

1. You can install a Linux distribution from the Microsoft store, in this tutorial we will be using ‘**Ubuntu 18.04 LTS**’
2. 

3. Once the Linux distribution has been installed, **start it up**
4. You will be asked to **create a username and password** when you launch Linux for the first time, these have no bearing on your windows system so choose whatever you want!
5. 

6. You can now **close the application**

Step 4: Using WSL2 to run your Linux distribution

1. Make sure you have the **latest version of WSL 2** installed by [running the update package found here](#);
2. **Open** WindowsPowerShell
3. Run `wsl -l` to list the Ubuntu distributions you currently have installed, you should see ‘Ubuntu-18.04’ in the list
4. Set the WSL version for Ubuntu 18.04 by running `wsl --set-version Ubuntu-18.04 2` (The 2 at the end is very important because it tells your machine you want to use WSL2)
5. You can check that you successfully switch to wsl 2 by running `wsl -l -v`

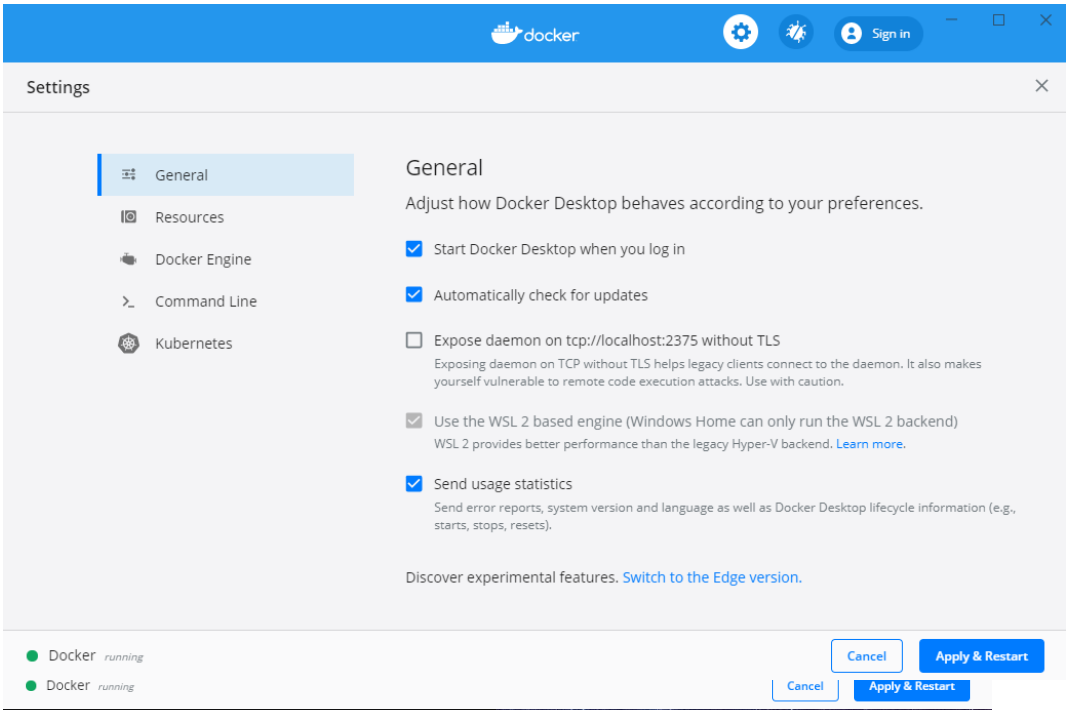
Additionally, if you want to make WSL 2 your default architecture you can do so with this command:

```
wsl --set-default-version 2
```

Step 5: Installing Docker on Windows 10

1. **Download** the latest release of [Docker Desktop](#)
2. Follow the usual installation instructions to **install Docker Desktop**
3. **Start Docker Desktop** from the Windows Start menu

4. From the Docker menu, select **Settings > General**
5. Make sure that ‘Use the WSL 2 base engine’ is selected. If it wasn’t, select it and click **Apply & Restart**
6. Now go to go to **Settings** > **Resources** > **WSL Integration** in Docker and select your Linux distribution (Ubuntu 18.04 in this tutorial)



7. Enable the Docker integration with the kernel you installed (Ubuntu 18.04) and click **Apply and restart**

Step 6: Using Docker in Windows 10

1. To use Docker in your distribution, Docker Desktop has to be running
2. **Launch your distribution** (Ubuntu 18.04 LTS in this tutorial)
3. **Run ‘docker version’** to check that Docker is running and accessible

Quick tip

The Docker team recommends that you avoid mounting from the Windows 10 file system (even on a WSL distro). For example, avoid docker run `-v /mnt/c/users:/users` and use docker run `-v ~/my-project:/sources <my-image>` instead.

This is very important because WSL 2 is fast when working within the Linux filesystem but it gets much slower when working with files located in your Windows filesystem.