**WSL 2 Installation :** [**ClickHere**](https://docs.microsoft.com/en-us/windows/wsl/install-win10)

## **Step 1 - Enable the Windows Subsystem for Linux**

**Open PowerShell as Administrator and run:**

dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart

## **Step 2 - Check requirements for running WSL 2**

To update to WSL 2, you must be running Windows 10.

* For x64 systems: Version 1903 or higher, with Build 18362 or higher.
* For ARM64 systems: Version 2004 or higher, with Build 19041 or higher.
* Builds lower than 18362 do not support WSL 2. Use the [Windows Update Assistant](https://www.microsoft.com/software-download/windows10) to update your version of Windows.

To check your version and build number, select Windows logo key + R, type winver, select OK. Update to the latest Windows version in the Settings menu.

## **Step 3 - Enable Virtual Machine feature**

**Open PowerShell as Administrator and run:**

dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart

**Restart your machine to complete the WSL install and update to WSL 2.**

## **Step 4 - Download the Linux kernel update package**

1. **Download the latest package:**
   * [**WSL2 Linux kernel update package for x64 machines**](https://wslstorestorage.blob.core.windows.net/wslblob/wsl_update_x64.msi)
2. **Run the update package downloaded in the previous step. (Double-click to run - you will be prompted for elevated permissions, select ‘yes’ to approve this installation.)**

## **Step 5 - Set WSL 2 as your default version**

Open PowerShell and run this command to set WSL 2 as the default version when installing a new Linux distribution:

wsl --set-default-version 2

## **Step 6 - Install your Linux distribution of choice**

Open the [Microsoft Store](https://aka.ms/wslstore) and select your favorite Linux distribution.

From the distribution's page, select "Get".

The first time you launch a newly installed Linux distribution, a console window will open and you'll be asked to wait for a minute or two for files to de-compress and be stored on your PC. All future launches should take less than a second.

You will then need to [create a user account and password for your new Linux distribution](https://docs.microsoft.com/en-us/windows/wsl/user-support).

CONGRATULATIONS! You've successfully installed and set up a Linux distribution that is completely integrated with your Windows operating system!

**Error:**

### **"Error: 0x80370102 The virtual machine could not be started because a required feature is not installed."**

**Troubleshooting:**

<https://docs.microsoft.com/en-us/windows/wsl/troubleshooting#error-0x80370102-the-virtual-machine-could-not-be-started-because-a-required-feature-is-not-installed>