How to Check if WSL2 is Installed on Windows

# ✅ Step 1: Open PowerShell or Command Prompt as Administrator

Right-click on Start → Select 'Windows PowerShell (Admin)' or 'Command Prompt (Admin)'.

# ✅ Step 2: Check WSL Version

Run the following command:

wsl --list --verbose

If you see 'VERSION 2', you have WSL 2.  
If it shows 'VERSION 1', you're using WSL 1.

# ✅ Step 3: Check Installed WSL Kernel Version

Run:

wsl --status

Sample Output:  
Default Version: 2  
WSL version: 1.2.5.0  
Kernel version: 5.10.102.1

# ✅ Step 4: Check if WSL Feature is Enabled

To check if the WSL feature is enabled:

dism.exe /online /get-feature /featurename:Microsoft-Windows-Subsystem-Linux

Look for: State : Enabled

To check if Virtual Machine Platform is enabled (required for WSL 2):

dism.exe /online /get-feature /featurename:VirtualMachinePlatform

# ⚠️ If WSL2 is Not Installed

You can install or upgrade to WSL 2 using the following command:

wsl --install

Or set WSL 2 as the default version manually:

wsl --set-default-version 2