Docker on Ubuntu WSL2 - Step-by-Step PowerShell Guide

Step 1: Enable WSL & Virtual Machine Platform (Step1-EnableWSL.ps1)

Run this PowerShell script as Administrator.

This step enables the required Windows features for WSL.

You must restart your computer after running this script.

Step 2: Install WSL2 Kernel & Set Default Version (Step2-WSL2Kernel.ps1)

After the restart, run this PowerShell script to install the WSL2 kernel update

and set WSL 2 as the default version.

Step 3: Install Ubuntu via WSL (Step3-InstallUbuntu.ps1)

Run this PowerShell script to install Ubuntu in WSL.

Once installed, open Ubuntu from the Start Menu and complete the user setup.

Step 4: Set Up Docker Inside Ubuntu (Step4-SetupDocker.sh)

Run the Bash script inside Ubuntu.

This installs Docker and dependencies, sets iptables to legacy, and configures the Docker daemon.

Step 5: Set Windows Docker Environment Variable (Step5-SetDockerEnv.ps1)

Run this PowerShell script to set the DOCKER_HOST environment variable.

This allows Docker CLI from Windows to communicate with Docker in Ubuntu.