HOW TO INSTALL

WSL Ubuntu on Windows

WLS Ubuntu Installation process

Step 1: Enable WSL Support

1. Click the Search icon on your taskbar and type "Control Panel", then open it.

2. Set the view to "Category" and select Programs.

3. Click on Programs and Features.

4. On the left-hand menu, click "Turn Windows features on or off".

5. In the pop-up window, scroll to the bottom and check the box next to Windows Subsystem for Linux.

6. Click OK and wait for Windows to find the required files.

7. Click Restart now to reboot your PC and finalize the changes.

Step 2: Download Ubuntu from the Microsoft Store

1. After restarting, click the Search bar and type "Microsoft Store" to open the app.

2. Search for "Ubuntu" in the store's search bar.

3. Select the latest stable LTS version (e.g., Ubuntu 22.04) or simply the general "Ubuntu" app.

4. Click the "Get" or "Install" button.

5. Once installed, click "Open" or search for "Ubuntu" in your Windows search bar to launch it.

Step 3: Update the Linux Kernel (If Required)

If you encounter an error stating "WSL 2 requires an update to its kernel component," follow these sub-steps:

1. Copy the URL provided in the error message and paste it into your web browser.

2. Download the Linux kernel update package (typically named wsl_update_x64.msi).

3. Open your Downloads folder and run the installer.

4. Follow the prompts by clicking Next, Yes, and Finish to complete the update.

5. Restart the Ubuntu app.

Step 4: Initial Ubuntu Configuration

1. When the Ubuntu terminal opens, wait for it to finish installing.

2. Create a Unix username when prompted (this does not have to match your Windows username) and press Enter.

3. Enter a new password and retype it to confirm.

4. You are now logged into the Ubuntu bash shell.

Step 5: Navigating Windows Drives from Ubuntu

Your Windows drives are automatically mounted within the Linux environment.

• To view mounted drives: Type ls /mnt/ and press Enter to see your drives (like c or d).

• Path to the C Drive: Use the command cd /mnt/c.

• Path to your Windows Desktop: Navigate using the path: cd /mnt/c/Users/[YourWindowsUsername]/Desktop.

• Verification: You can create a file on your Windows desktop from the Linux terminal using the command touch [filename].txt.

Step 6: Accessing Ubuntu via Command Prompt

Once installed, you don't always have to open the Ubuntu app directly. You can open the Windows Command Prompt (cmd), type bash, and press Enter to switch to the Ubuntu terminal immediately.