

BINF2111L – How do install Linux on your Windows Computer 101



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WSL Install

WSL (Windows Services for Linux) Installation Instructions

WSL Install

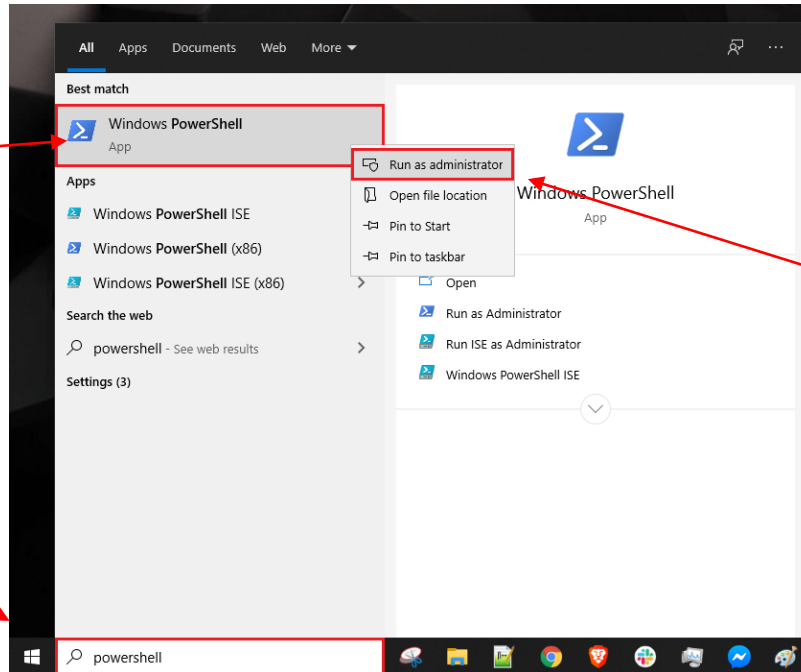
- There are two ways: Simplified and Manual install
- Simplified install requires you to join “Windows Insider Program”, therefore we will go through the Manual Install
- The steps are outlined here:
<https://docs.microsoft.com/en-us/windows/wsl/install-win10>
- This is a simplified tutorial
- WSL comes in two versions, version 1 has less requirements and restrictions so we will stick to that since it is sufficient for this class.
- Microsoft's website has more info to update to version 2 if you wish.

WSL Install – Enable WSL (Method 1)

- Step 1 - Enable the Windows Subsystem for Linux, this can be done through the PowerShell or “Apps & Features”
- Open PowerShell as Administrator
- Run: `dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart`

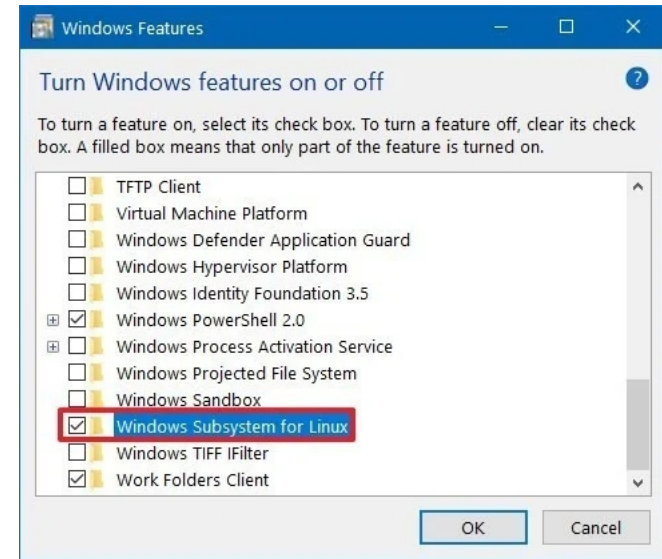
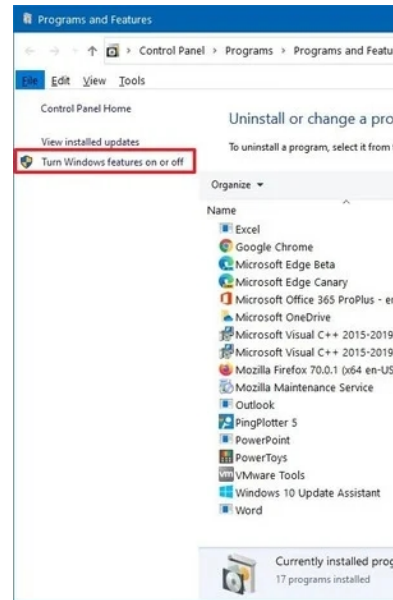
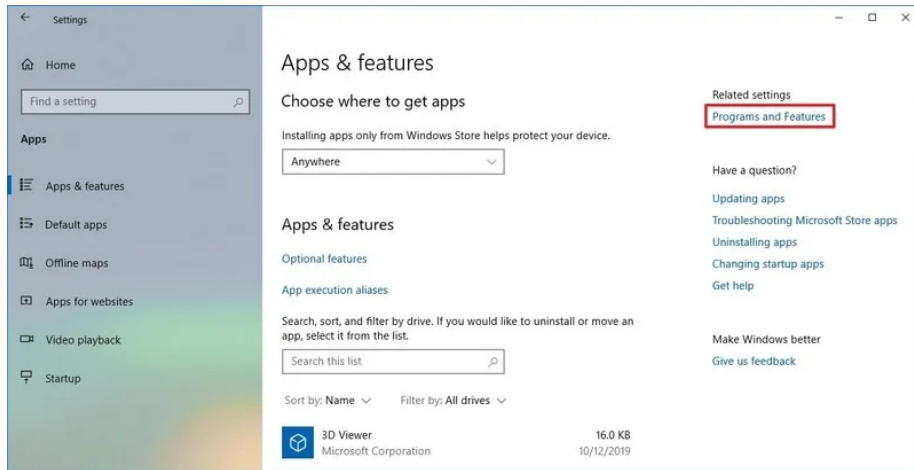
2) Right click on
“Windows PowerShell”

1) Click the start button, and
type “powershell” to search



3) Click
“Run as administrator”

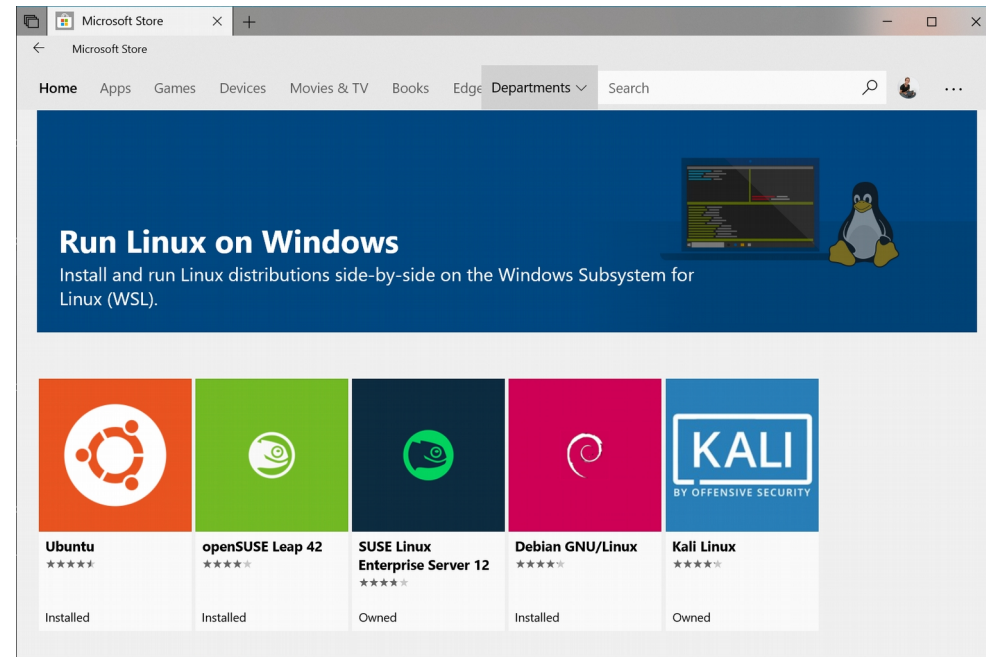
WSL Install – Enable WSL (Method 2)



- Open settings / Apps & Features / Click on “Programs and Features”
- Click on “Turn Windows features on or off”
- Select “Windows Subsystem for Linux” and click OK

WSL Install – Install Linux Distribution (Step 6 from website)

- Select a Linux Distribution from the Windows Store
- I recommend Debian
- Ubuntu is also good, it was
- developed on top of Debian
- Other distributions have different
- package managers that may
- give us problems in future labs



WSL Install – Install Linux Distribution

- To install your selected distribution, click on “Get”.
- Once downloaded you can run Linux through the start menu. The first time is slow as it sets up the environment, and you need to create a username and password.

