

- In recent versions of Windows 10, Microsoft has allowed users to install a beta version of a bash shell via Ubuntu, OpenSUSE, Debian GNU/Linux and Kali Linux.
- The Windows Subsystem for Linux is a stripped-down version of Linux that runs within Windows 10.
- This system lets users run bash commands like grep, sed and awk, as well as bash scripts and Linux command-line applications like vim, emacs and tmux.





 Before we can install Linux subsystem on your Windows based PC, this feature has to be turned on from the Control Panel.







• Once in the "Control Panel" window opens, click on Programs.

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Click Here	\$ \$ \$	System and Security Review your computer's status Save backup copies of your files with File History Backup and Restore (Windows 7) Network and Internet View network status and tasks Hardware and Sound View devices and printers Add a device Adjust commonly used mobility settings	88 19 19 19 19 19 19 19 19 19 19 19 19 19	User Accounts Change account type Appearance and Personalization Clock and Region Change date, time, or number formats Ease of Access Let Windows suggest settings Optimize visual display			
	õ	Programs Uninstall a p Programs Uninstall programs or Windows features, uninstall gadgets, get new programs from the network or online, and more.					





 Under the "Programs and Feature" section, click on 'Turn Windows features on or off'. This would open a pop-up window.





 In the pop-up "Windows Features" window, scroll all the way down to find "Windows Subsystem for Linux". Select it's check box and click Ok.

	Windows Features	-		×
	Turn Windows features on or off			?
	To turn a feature on, select its check box. To turn a feature box. A filled box means that only part of the feature	ature off, c is turned o	lear its che n.	eck
	 SMB 1.0/CIFS File Sharing Support SMB Direct Telnet Client TFTP Client Windows Defender Application Guard 			^
Select This	 Windows Hypervisor Platform Windows Identity Foundation 3.5 Windows PowerShell 2.0 Windows Process Activation Service Windows Projected File System (Beta) 		Clic	
	 Windows Subsystem for Linux Windows TIFF IFilter Work Folders Client 		Here	e
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- Click "**Restart now**" when you're prompted to restart your computer. The feature won't work until you reboot.
- If the prompt doesn't appear go to the windows start menu and click "Restart".

Click here to restart the Operating System.



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 After your computer restarts, open the Microsoft Store from the Start menu, and search for "Linux" in the store. Click "Run Linux on Windows Get the apps".



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- You'll see a list of every Linux distribution currently available in the Windows Store.
- To install a Linux distribution, click it, and then click the "Get" or "Install" button to install it like any other Store application.



