

Window Sub System Linux (WSL) and Ubuntu 20.04 LTS

Refers to - <https://docs.microsoft.com/en-us/windows/wsl/install-win10>

Check requirements for running WSL 2 (Windows 10 2004 or higher)

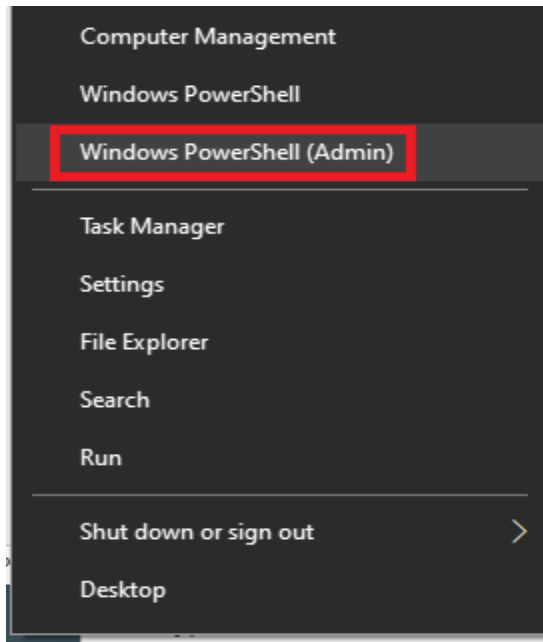
Windows logo key + R, type **winver**, select OK.



In case your windows 10 version is lower than 2004/20H2 go to **Windows 10 Update Assistant to Latest Version.pdf** in order to update the latest version.

Step 2 –Windows Sub System Linux (WSL) and Ubuntu 20.04 LTS

Open PowerShell - Right click on Start > Windows PowerShell (Admin)



Enable the Windows Subsystem for Linux

```
dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart
```

Enable Virtual Machine feature

```
dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart
```

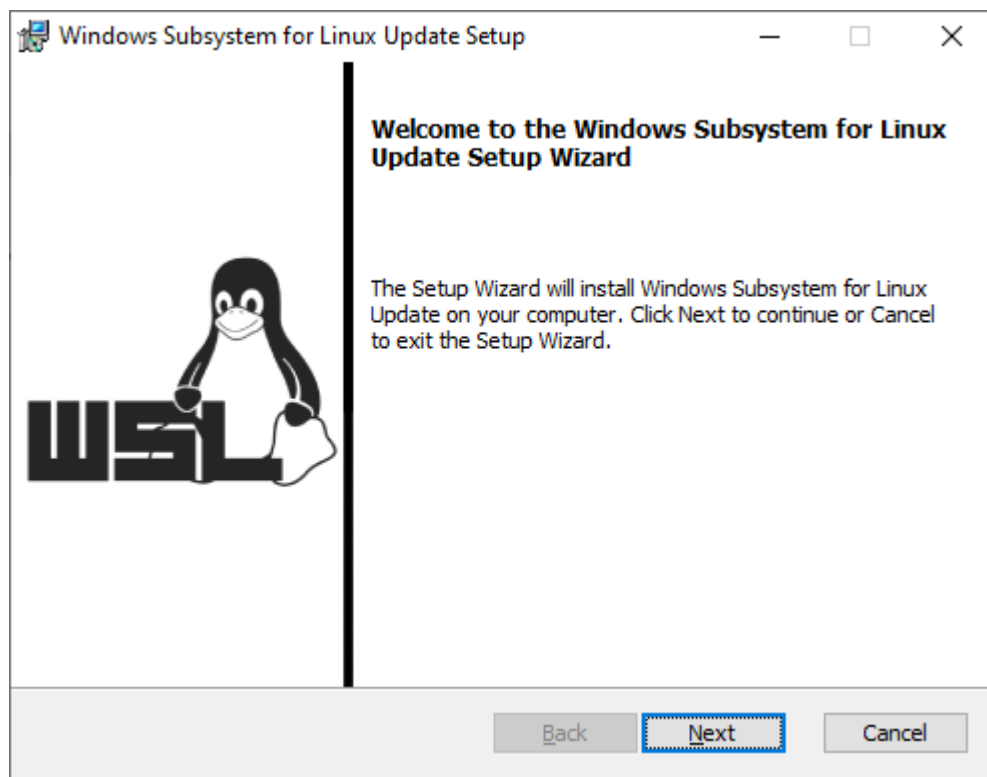
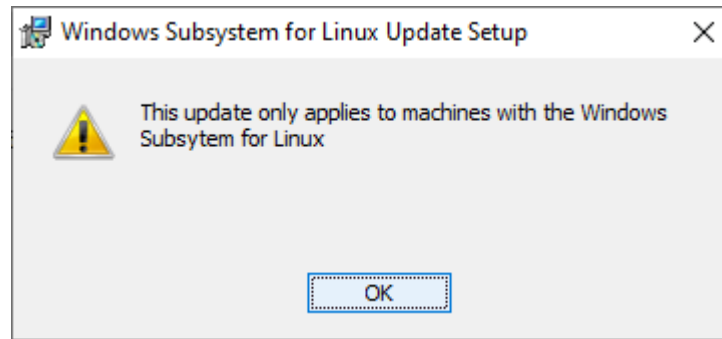
A screenshot of an Administrator Windows PowerShell window. The window title is 'Administrator: Windows PowerShell'. The command prompt shows the following sequence of commands and output:
1. Command: `dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart`
Output: 'Deployment Image Servicing and Management tool', 'Version: 10.0.19041.746', 'Image Version: 10.0.19042.746', 'Enabling feature(s)', '[=====100.0%=====]', 'The operation completed successfully.'
2. Command: `dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart`
Output: 'Deployment Image Servicing and Management tool', 'Version: 10.0.19041.746', 'Image Version: 10.0.19042.746', 'Enabling feature(s)', '[=====100.0%=====]', 'The operation completed successfully.'

Download the Linux kernel update package

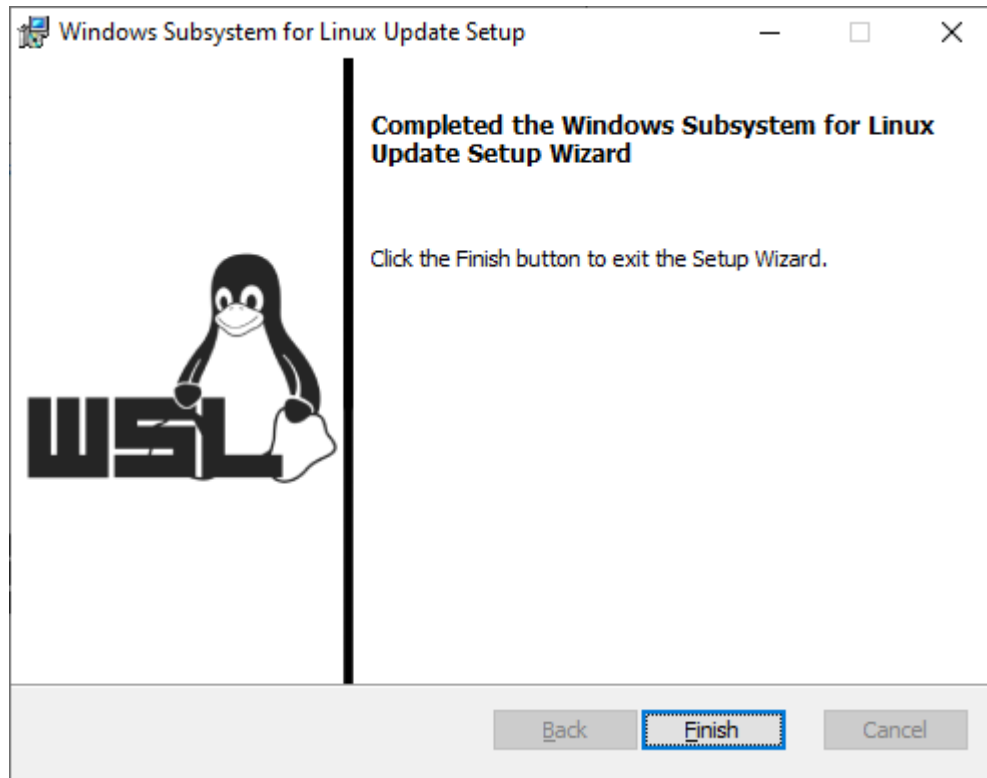
Download the package from this link - [WSL2 Linux kernel update package for x64 machines](https://wslstorestorage.blob.core.windows.net/wslblob/wsl_update_x64.msi)
This is the link -

https://wslstorestorage.blob.core.windows.net/wslblob/wsl_update_x64.msi

Run **wsl_update_x64.msi** (Restart your PC and run the installation again in case the message below)



Step 2 –Windows Sub System Linux (WSL) and Ubuntu 20.04 LTS



Set WSL 2 as your default version

wsl --set-default-version 2


```
Administrator: Windows PowerShell
PS C:\WINDOWS\system32> wsl --set-default-version 2
For information on key differences with WSL 2 please visit https://aka.ms/ws12
PS C:\WINDOWS\system32> 
```

Install Linux distribution Ubuntu 20.04



Open the [Microsoft Store](#) and select Ubuntu 20.04 LTS.

Search Ubuntu 20.04 LTS - in Microsoft Store > Search > Ubuntu > select Ubuntu 20.04 LTS and click Get.




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Click launch.



This product is installed.

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...




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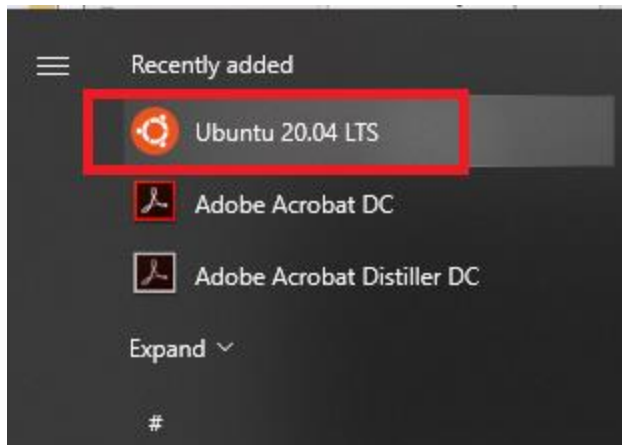
More



Installing -> Press any key to continue.

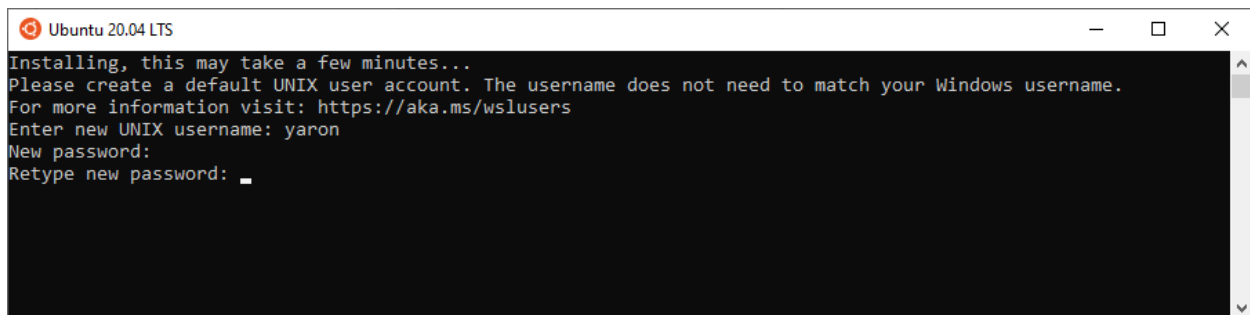
Step 2 –Windows Sub System Linux (WSL) and Ubuntu 20.04 LTS

Run **Ubuntu 20.04 LTS** from Start (Windows Key):



[Create a user account and password for your new Linux distribution](#)

Enter user and password for Linux:



Step 2 –Windows Sub System Linux (WSL) and Ubuntu 20.04 LTS

```
yaron@YARON: ~  
Installing, this may take a few minutes...  
Please create a default UNIX user account. The username does not need to match your Windows username.  
For more information visit: https://aka.ms/wslusers  
Enter new UNIX username: yaron  
New password:  
Retype new password:  
passwd: password updated successfully  
Installation successful!  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
Welcome to Ubuntu 20.04.1 LTS (GNU/Linux 4.19.128-microsoft-standard x86_64)  
  
* Documentation: https://help.ubuntu.com  
* Management:   https://landscape.canonical.com  
* Support:      https://ubuntu.com/advantage  
  
System information as of Thu Jan 14 10:56:32 IST 2021  
  
System load:  0.0          Processes:            8  
Usage of /:   0.4% of 250.98GB Users logged in:        0  
Memory usage: 1%          IPv4 address for eth0: 172.26.170.175  
Swap usage:   0%  
  
1 update can be installed immediately.  
0 of these updates are security updates.  
To see these additional updates run: apt list --upgradable  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
This message is shown once once a day. To disable it please create the  
/home/yaron/.hushlogin file.  
yaron@YARON:~$
```

Done!