


Windows 10 Installation Guide

07/11/2017 • 2 minutes to read • Contributors 

In this article


[Install the Windows Subsystem for Linux](#)

[Install your Linux Distribution of Choice](#)

Install the Windows Subsystem for Linux

Enable the "Windows Subsystem for Linux" optional feature and reboot.

1. Open PowerShell as Administrator and run:

PowerShell	 Copy
<pre>Enable-WindowsOptionalFeature -Online -FeatureName Microsoft-Windows-Subsystem-Linux</pre>	

2. Restart your computer when prompted.

Install your Linux Distribution of Choice

Fall Creators Update and later: Install from the Microsoft Store

This section is for Windows build 16215 or later. Follow these steps to [check your build](#). For earlier versions of Windows 10, follow [these instructions using lxr](#).

1. Open the Microsoft Store and choose your favorite Linux distribution.
Here are links directly to the store installers:

- [Ubuntu](#)
- [OpenSUSE](#)
- [SLES](#)
- [Kali Linux](#)
- [Debian GNU/Linux](#)

Store

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Ubuntu
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★★★★☆ 22
Free

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Screenshots

Description

Ubuntu on Windows allows one to use Ubuntu Terminal and run Ubuntu command line utilities including bash, ssh, git, apt and many more.

To use this feature, one first needs to use "Turn Windows features on or off" and select "Windows Subsystem for Linux", click OK, reboot, and use this app.

The above step can also be performed using Administrator PowerShell prompt:
Enable-WindowsOptionalFeature -Online -FeatureName Microsoft-Windows-Subsystem-Linux

...
More

Available on

PC

What's new in this version

20170619.1 build of Ubuntu 16.04 LTS

Features

Ubuntu
bash
ssh

2. Select "Get"

Troubleshooting: Installation failed with error 0x80070003

The Windows Subsystem for Linux only runs on your system drive (usually this is your C: drive). Make sure that new apps are stored on your system drive.

Open **Settings** -> **Storage** -> **More Storage Settings: Change where new content is saved**

Settings

Change where new content is saved

Change where your apps, documents, music, pictures, videos and maps are saved by default.

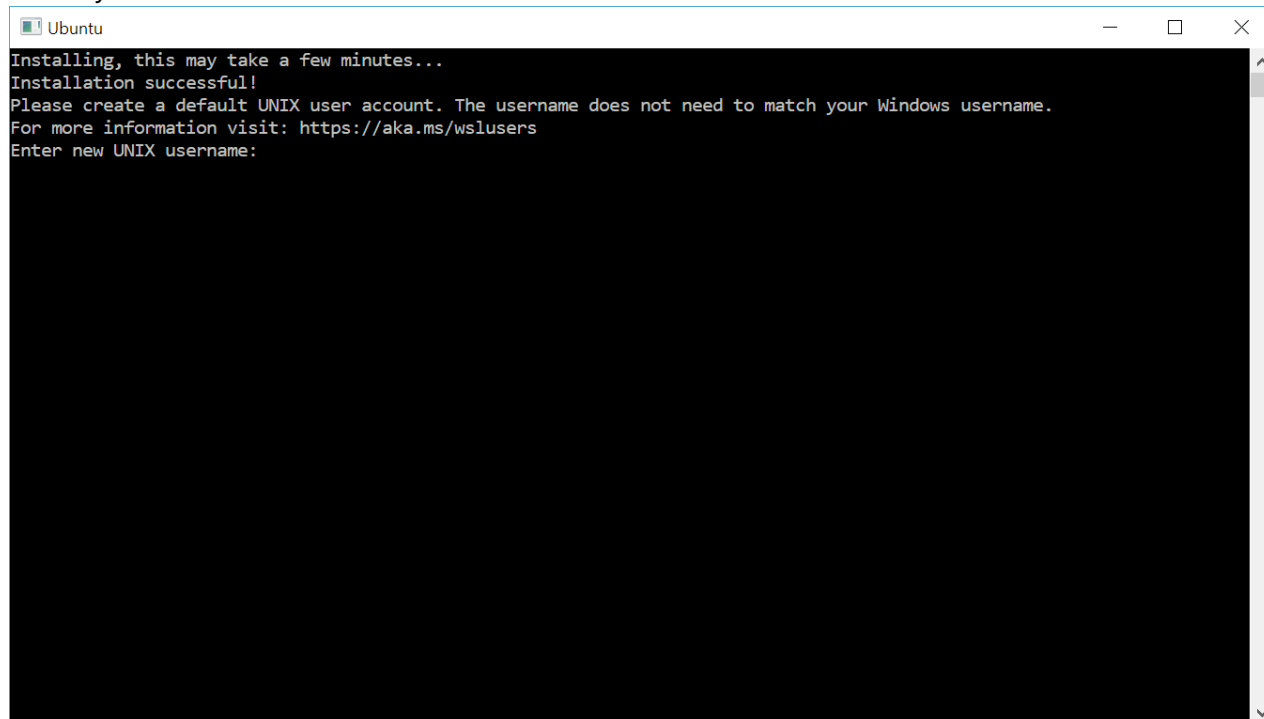
New apps will save to:
This PC (C:) ▼

New documents will save to:
This PC (C:) ▼

3. Once the download has completed, select "Launch".

This will open a console window. Wait for installation to complete then you will be prompted to

create your LINUX user account.



Troubleshooting: Installation failed with error 0x8007007e

This error occurs when your system doesn't support Linux from the store. Make sure that:

- You're running Windows build 16215 or later. [Check your build.](#)
- The Windows Subsystem for Linux optional component is enabled and the computer has restarted. [Make sure WSL is enabled.](#)

4. Create your LINUX username and password. This user account has no relationship to your Windows username and password and hence can be different. [Read more.](#)

You're done! Now you can use your Linux environment.

For Anniversary Update and Creators Update: Install using lxr

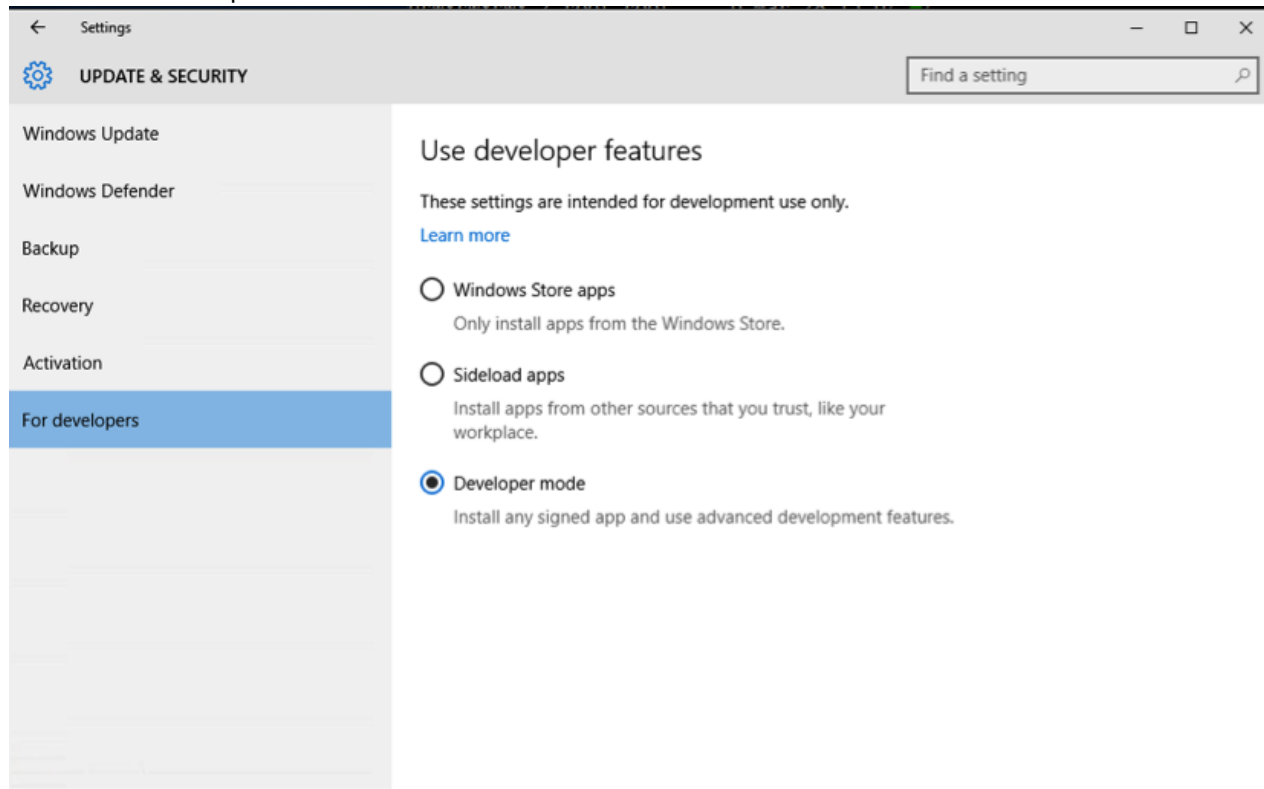
lrxrun installs Ubuntu user-mode by default on top of the Windows Subsystem for Linux.

Since moving to the store, we have stopped keeping this user-mode image up to date. When you're done, run `apt-get update`.

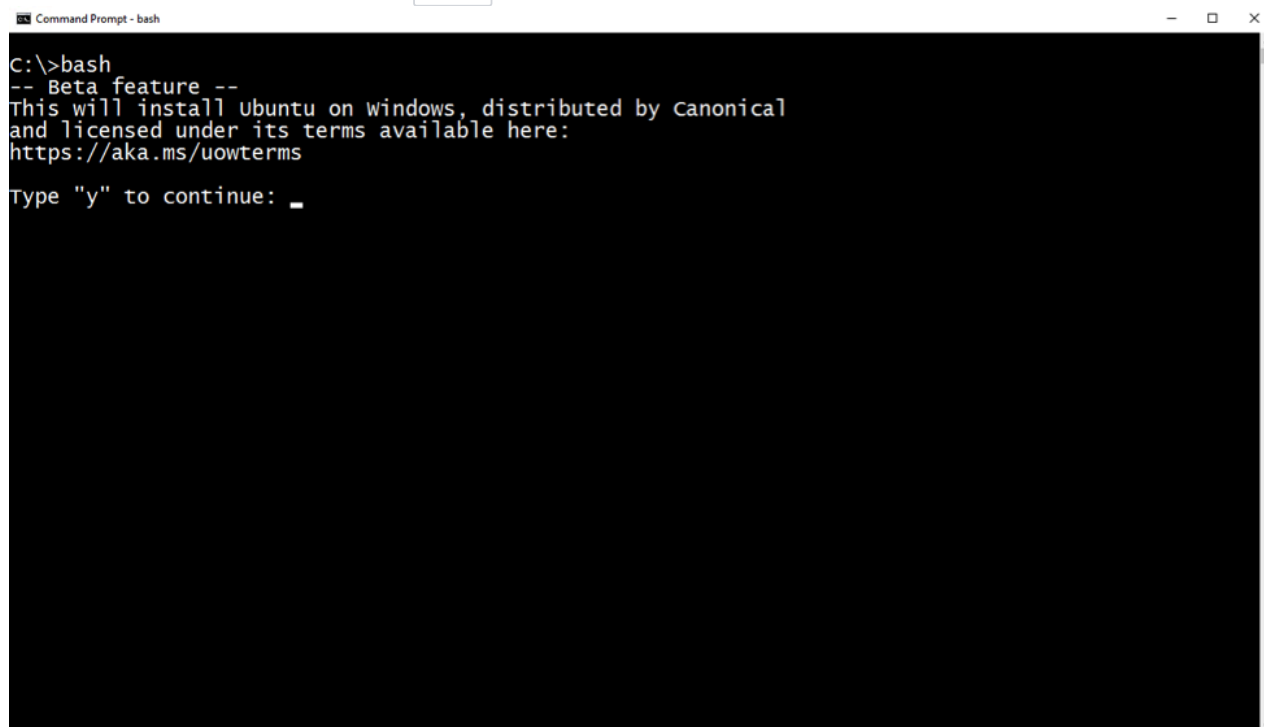
1. Turn on Developer Mode

Open **Settings** -> **Update and Security** -> **For developers**

Select the Developer Mode radio button



2. Open a command prompt. Run `bash`



After you have accepted the License, the Ubuntu user-mode image will be downloaded and extracted. A "Bash on Ubuntu on Windows" shortcut will be added to your start menu.

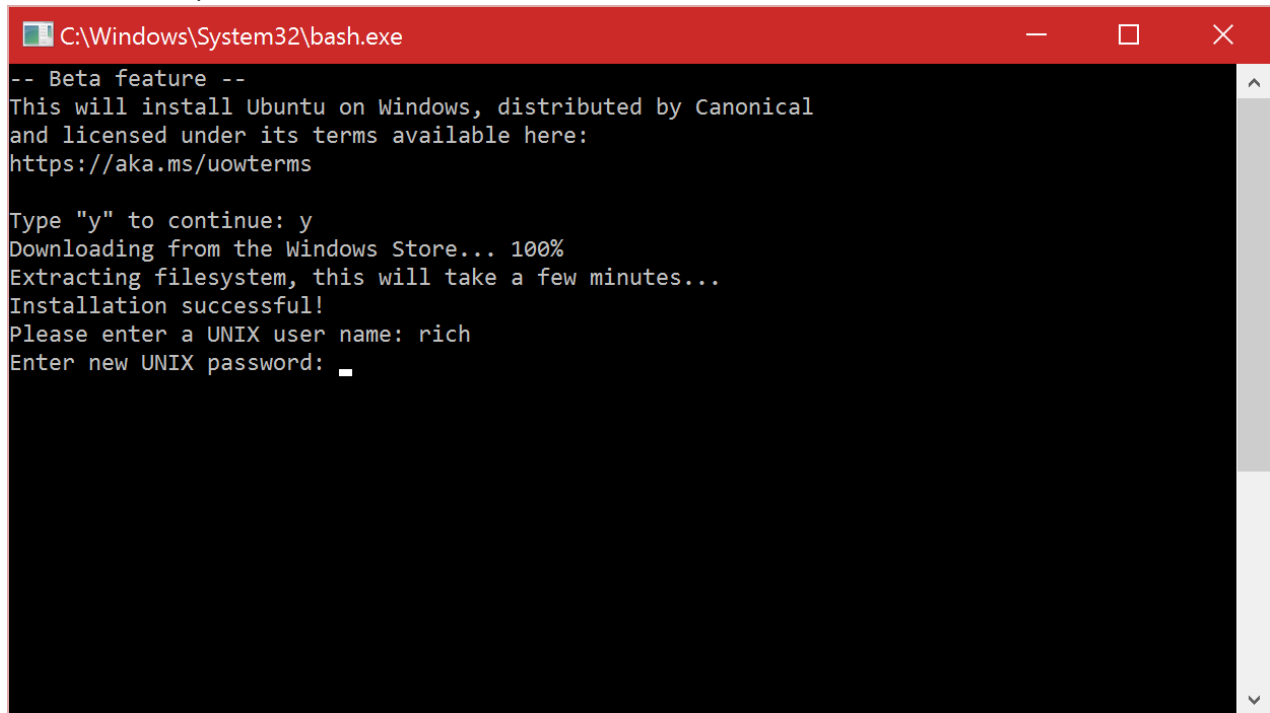
3. Launch a new Ubuntu shell by either:

- Running `bash` from a command-prompt

- Clicking the start menu shortcut

4. Create a UNIX user

The first time you install the Windows Subsystem for Linux, you will be prompted to create a UNIX username and password.



```
C:\Windows\System32\bash.exe
-- Beta feature --
This will install Ubuntu on Windows, distributed by Canonical
and licensed under its terms available here:
https://aka.ms/uowterms

Type "y" to continue: y
Downloading from the Windows Store... 100%
Extracting filesystem, this will take a few minutes...
Installation successful!
Please enter a UNIX user name: rich
Enter new UNIX password: 
```

This UNIX username and password can be different from, and has no relationship to, your Windows username and password. [Learn more about your UNIX account.](#)

After installation your Linux distribution will be located at: `%localappdata%\lxss\`.

Log in to activate Cashback

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