Setting up Secondary WSL Distro

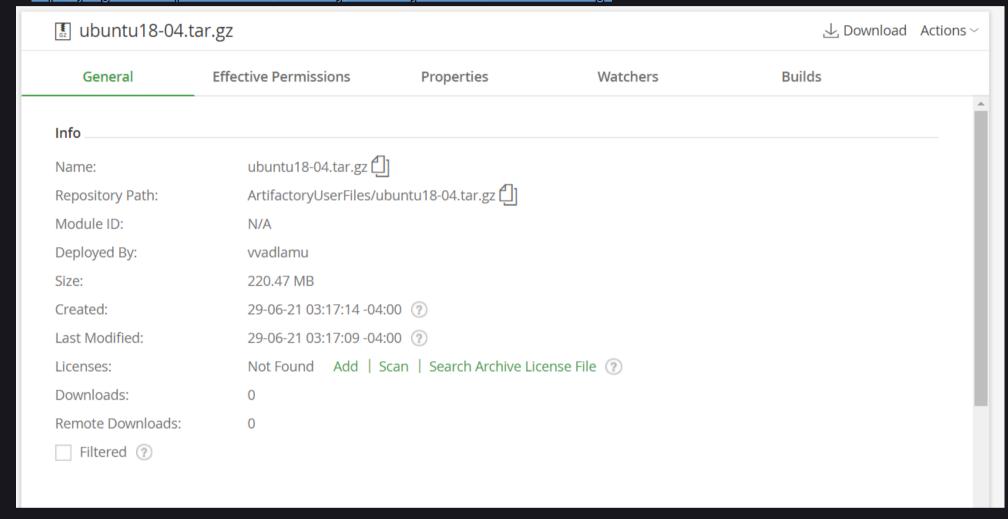
Last edited by **RKATTIMA** 1 year ago

Pre Context

- 1. WSL simulates the Linux Environment in Windows, which helps to run Linux based Command-line applications in Windows.
- 2. WSL will be using the .VHDX images to store the Data. Whereas it has the Limitation that .VHDX can accommodate only upto 256 GB of Data.
- 3. For Users who needs more storage space, We can spin-up a new Ubuntu Distro either of same version or different Version.

Steps to create a Secondary Distro

- 1. Make sure you have enabled the WSL and VMP in the Machine
 - a. https://eu.git.visteon.com/devnext/devnext_v3/-/wikis/Setting-Up-WSL2#enabling-wsl2-on-windows-10
- 2. Download the Ubuntu 18.04 package from the Artifactory URL.
 - a. https://jfrog.chennai.qa.visteon.com/artifactory/ArtifactoryUserFiles/ubuntu18-04.tar.gz



3. Create a Folder in the Drive where you want to store the WSL Distro Files and Copy the Downloaded file i.e., ubuntu18-04.tar.gz file to the newly created Directory.

```
Eg: D:\WSLFiles\ubuntu18-04.tar.gz or C:\WSLFiles\ubuntu18-04.tar.gz
```

```
C:\Windows\System32\cmd.exe
                                                                                                              ×
Microsoft Windows [Version 10.0.19042.985]
(c) Microsoft Corporation. All rights reserved.
C:\WSLFiles>dir
Volume in drive C is OSDisk
Volume Serial Number is DA42-8BB8
Directory of C:\WSLFiles
06/29/2021 10:41 AM
                       <DIR>
06/29/2021 10:41 AM
                       <DIR>
05/22/2019 08:15 AM
                          231,179,584 Ubuntu18-04.tar.gz
              1 File(s) 231,179,584 bytes
              2 Dir(s) 403,875,528,704 bytes free
C:\WSLFiles>
```

4. Open the CMD and run the command

```
wsl --import {Distro-Name} {Distro-FileStore-Location} {.tar.gz-file-Location} --version 2
```

```
Eg:
```

```
wsl --import Ubuntu-18.04-2 C:\WSLFiles\ C:\WSLFiles\ubuntu18-04.tar.gz --version 2
```

5. After Successful Import you can verify the Distro Name in the WSL List using the command

```
wsl --list --verbose
```

```
C:\Windows\System32\cmd.exe
                                                                                                                       X
C:\WSLFiles>wsl -l -v
  NAME
                  STATE
                                  VERSION
* Ubuntu-16.04
                  Stopped
                                  1
  Ubuntu-18.04
                  Running
                                  2
C:\WSLFiles>wsl --import Ubuntu-18.04-2 C:\WSLFiles\ C:\WSLFiles\ubuntu18-04.tar.gz --version 2
C:\WSLFiles>wsl -l -v
  NAME
                                    VERSION
                    STATE
* Ubuntu-16.04
                    Stopped
                                    1
                                    2
  Ubuntu-18.04-2
                    Stopped
  Ubuntu-18.04
                                    2
                    Running
C:\WSLFiles>
```

6.(Optional) If you wish to change the Default Distro to the Newly Created Distro. Please follow this <u>Document</u>

You can use devNext --help or devNext <command> --help for more options/help

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