

Networking and System Administration Lab

Docker Installation

Submitted by

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Roll NO: 4

MCA A Batch

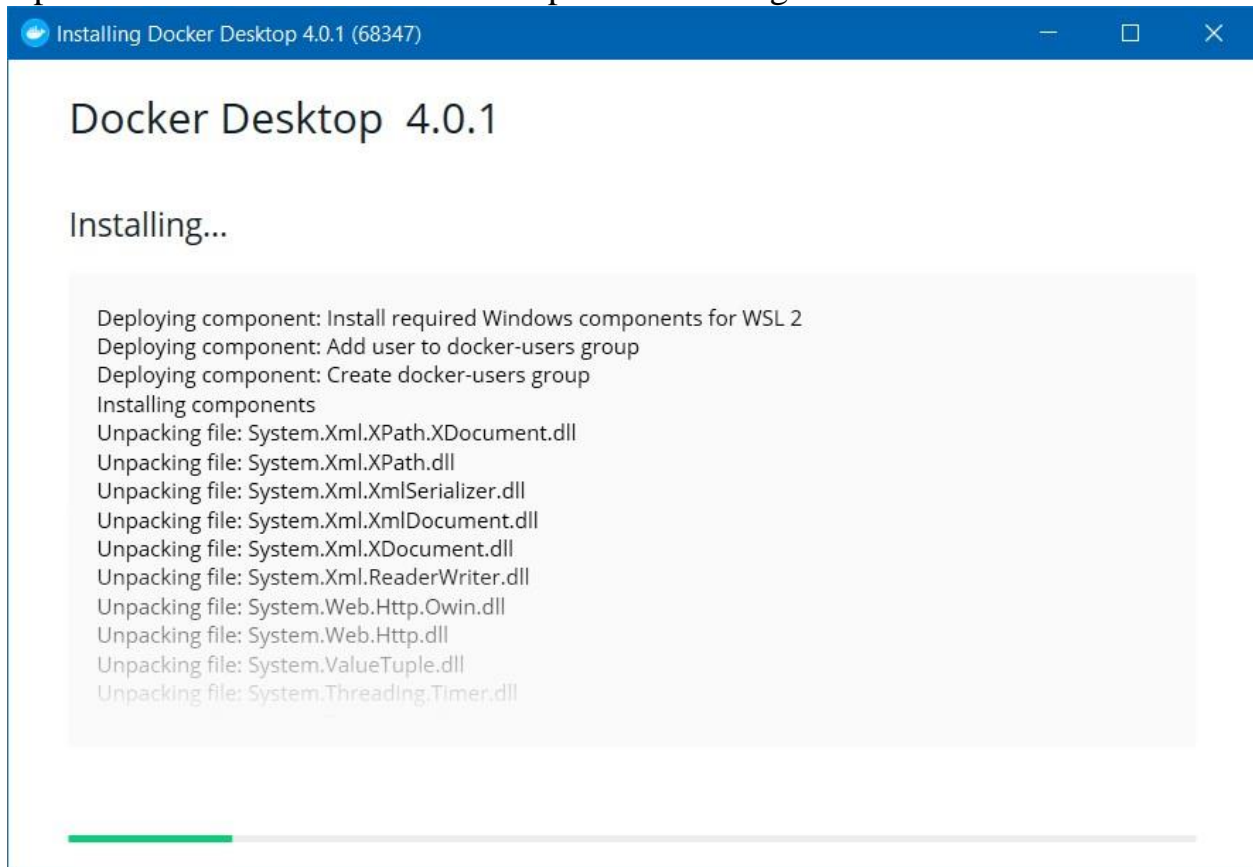
Step-1

Download Docker Desktop installer for Windows from

<https://desktop.docker.com/win/main/amd64/Docker%20Desktop%20Installer.exe>

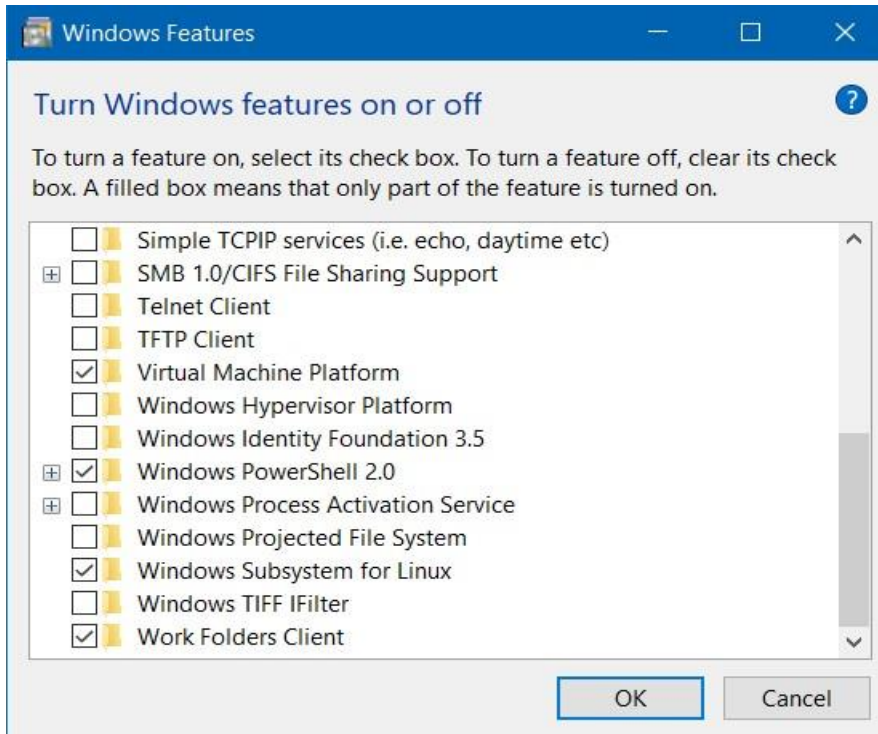
Step-2

Open the .exe file and follow the steps after clicking install button.



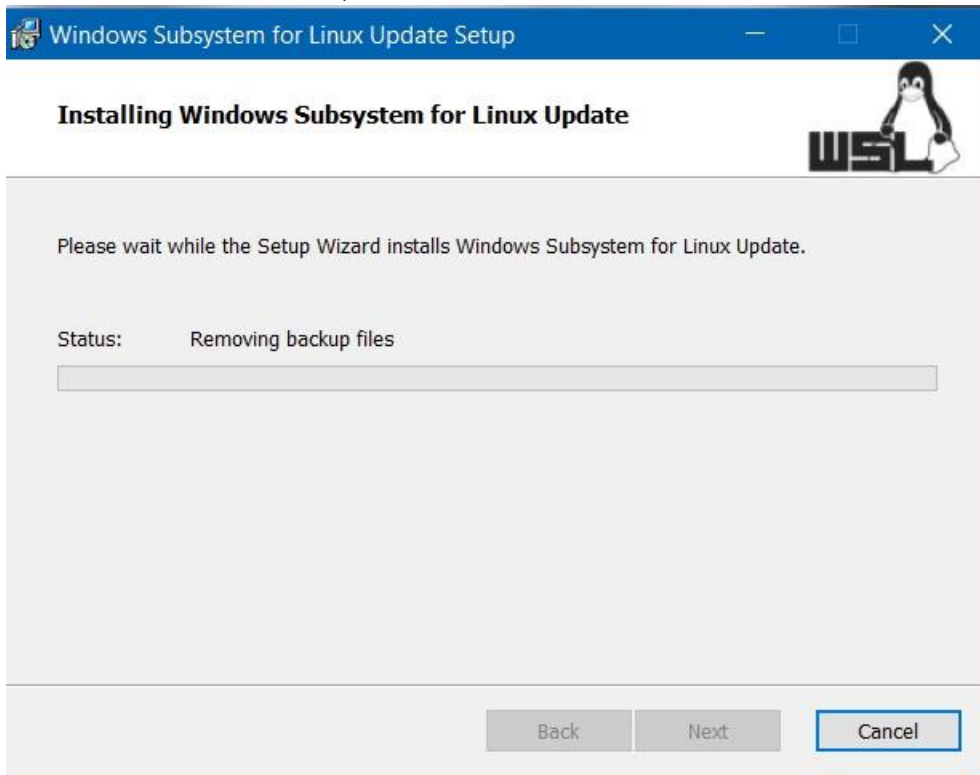
Step-3

Once installed go to programs and features and click turn on windows features on or off, Scroll to the bottom and select windows subsystem for Linux



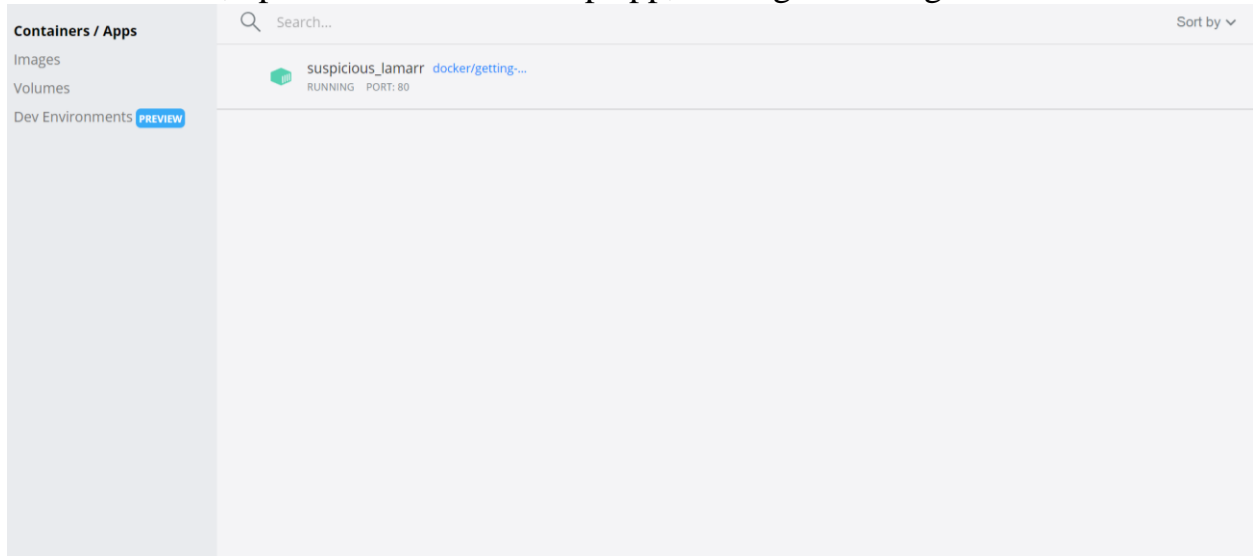
Step-4

If any WSL 2 error occurs download windows subsystem for linux update package and install the .exe file, after the installation restart the windows device.



Step-5

Once installed, open the docker desktop app, and sign-in using the dockerID



Step-6

Now pull any image from docker hub using the docker pull command in the command prompt, eg: docker pull ubuntu

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19042.1081]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\system32>docker run -d -p 80:80 docker/getting-started
Unable to find image 'docker/getting-started:latest' locally
docker: Error response from daemon: Get "https://registry-1.docker.io/v2/": dial tcp: lookup registry-1.docker.io on 192
.168.65.5:53: no such host.
See 'docker run --help'.

C:\Windows\system32>docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
f3ef4ff62e0d: Pull complete
Digest: sha256:65de08a8dabf289ef114053ab32f79e0c333a4fbfa1fe3778bb13ae921a7849b
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest

C:\Windows\system32>
```

Images on disk

2 images

Total size: 100.76 MB

IN USE

UNUSED

[Clean up...](#)

LOCAL REMOTE REPOSITORIES

☐ In Use only

| NAME ↑ | | TAG | IMAGE ID | CREATED | SIZE |
|------------------------|---------------------|--------|--------------|--------------|----------|
| docker/getting-started | IN USE | latest | 083d7564d904 | 4 months ago | 27.99 MB |
| ubuntu | | latest | 597ce1600cf4 | 1 day ago | 72.78 MB |