Networking and System Administration Lab

Assignment: Docker Installation

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Roll no: 23

RMCA-A Sem-II
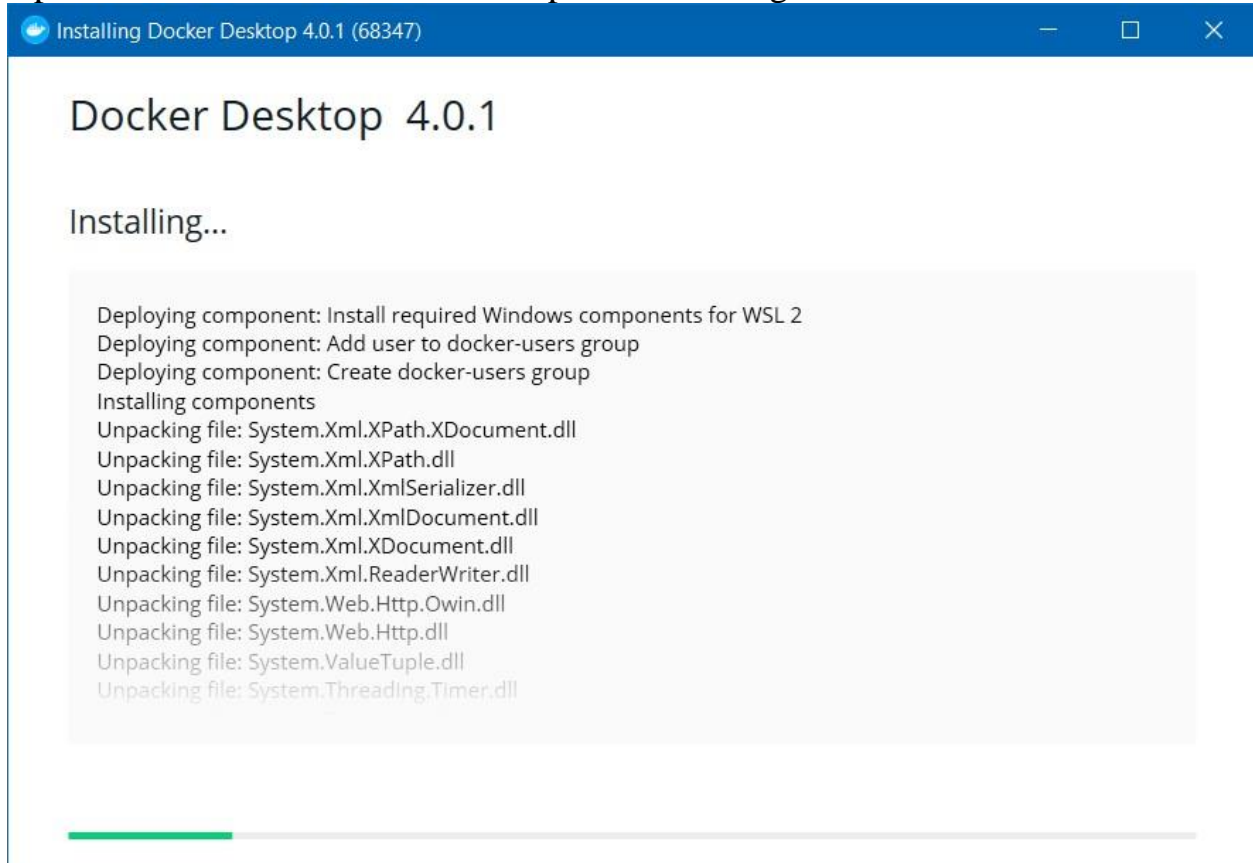
Step-I

Download Docker Desktop installer for Windows from
https://desktop.docker.com/win/main/amd64/Docker%20Desktop%20Installer.exe

Docker Desktop Installer   9/29/2021 2:51 PM   Application   522,896 KB

Step-II

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

Installing Docker Desktop 4.0.1 (68347)

Docker Desktop 4.0.1

Installing...

Deploying component: Install required Windows components for WSL 2
Deploying component: Add user to docker-users group
Deploying component: Create docker-users group
Installing components
Unpacking file: System.Xml.XPath.XDocument.dll
Unpacking file: System.Xml.XPath.dll
Unpacking file: System.Xml.XmlSerializer.dll
Unpacking file: System.Xml.XmlDocument.dll
Unpacking file: System.Xml.XDocument.dll
Unpacking file: System.Xml.ReaderWriter.dll
Unpacking file: System.Web.Http.Owin.dll
Unpacking file: System.Web.Http.dll
Unpacking file: System.ValueTuple.dll
Unpacking file: System.Threading.Timer.dll
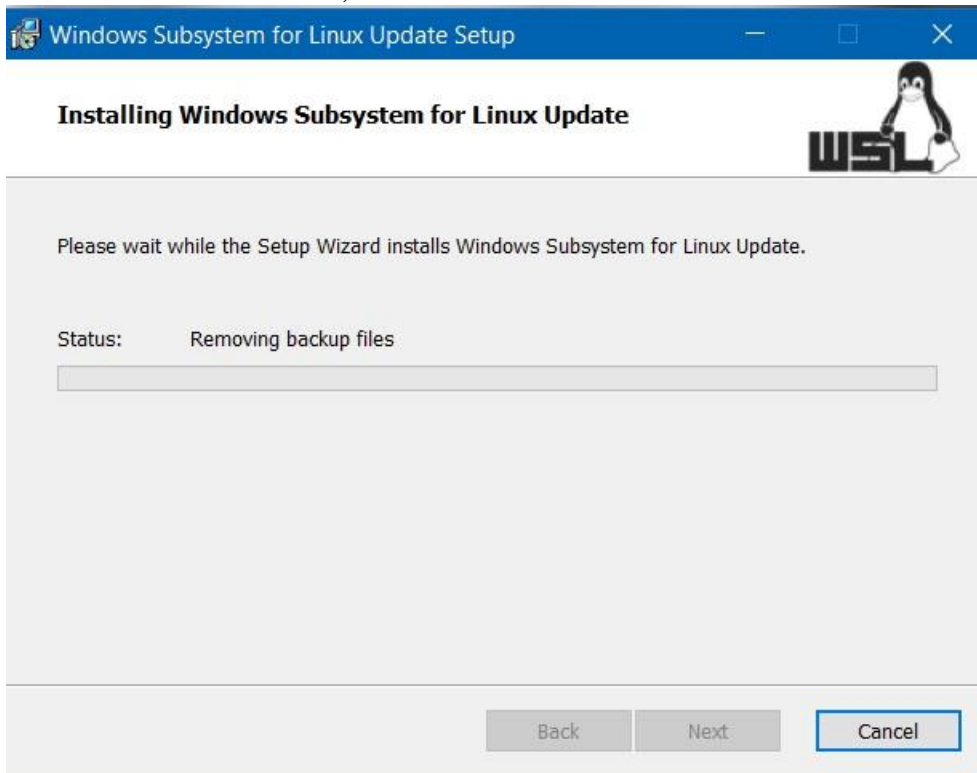
Step-III
Once installed go to programs and features and click turn on windows features on
or off

Scroll to the bottom and select windows subsystem for Linux
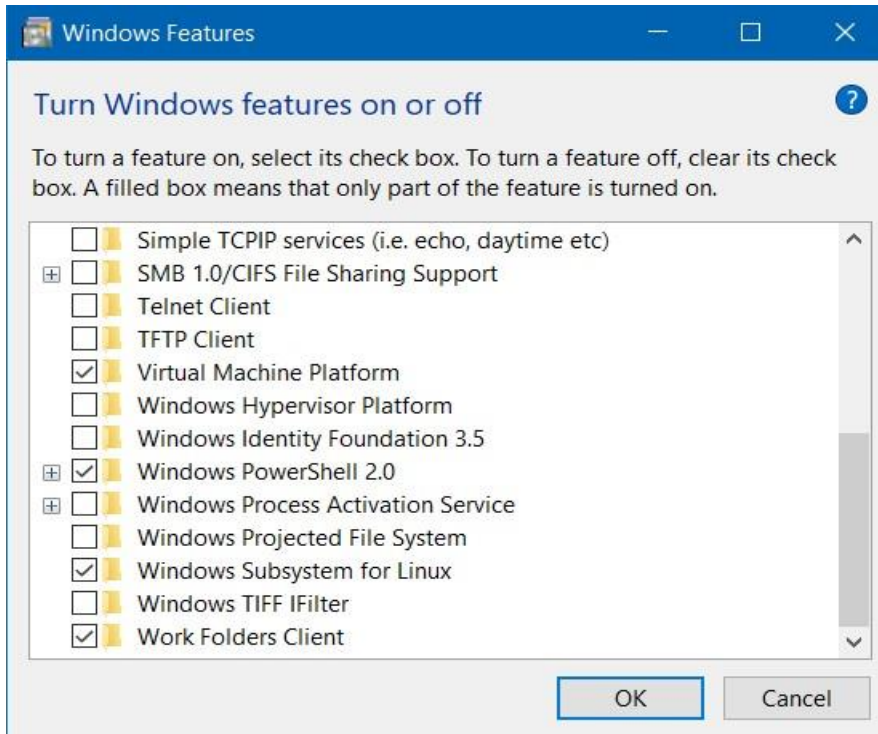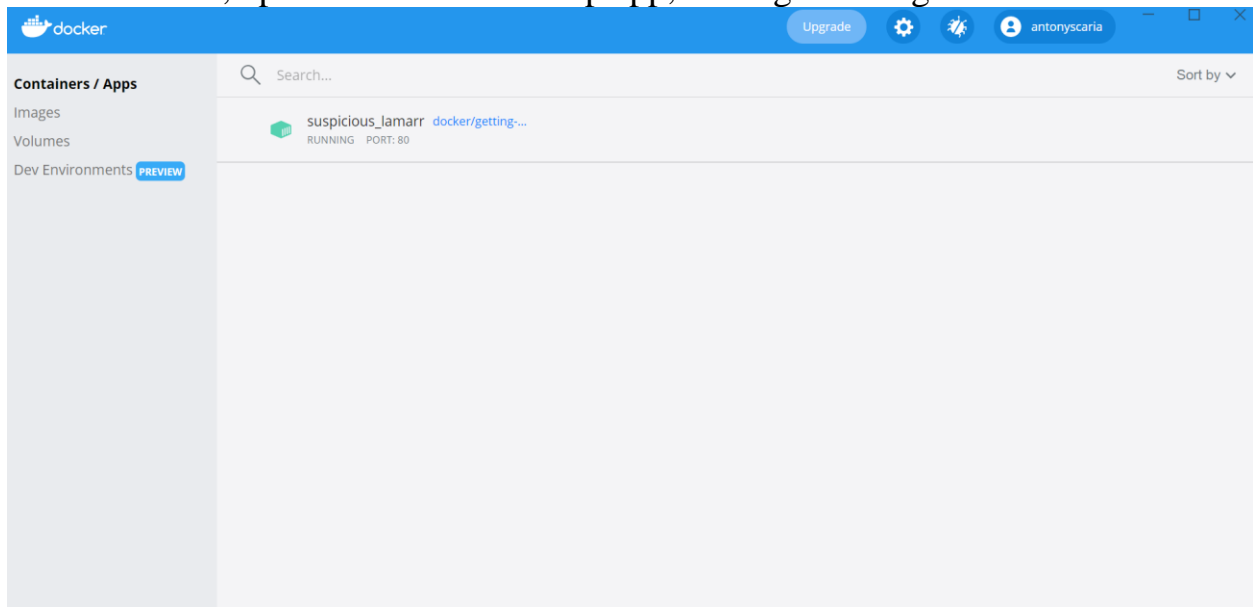
Step-IV
If any WSL 2 error occurs download windows subsystem for linux update package and install the .exe file, after the installation restart the windows device.

Step-V
Once installed, open the docker desktop app, and signin using the dockerID

Step-VI
Now pull any image from docker hub using the docker pull command in the command prompt (eg: docker pull ubuntu)

Now in the images tab an image of ubuntu will be displayed, we can run the

ubuntu instance using the cli.