

Networking and System Administration Lab Docker Installation

Submitted By:

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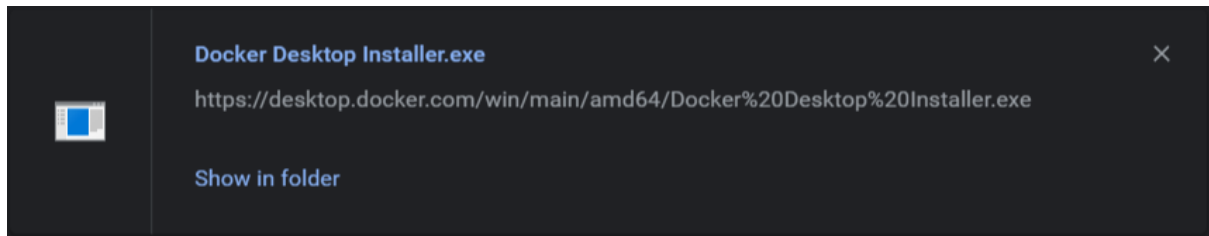
Roll.No:36

S2-RMCA-B-36

Step1:

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 in the installation process.

Step 3:

After installing go to programs and features and click turn on windows features on or off

Scroll to the bottom and select windows subsystem for Linux

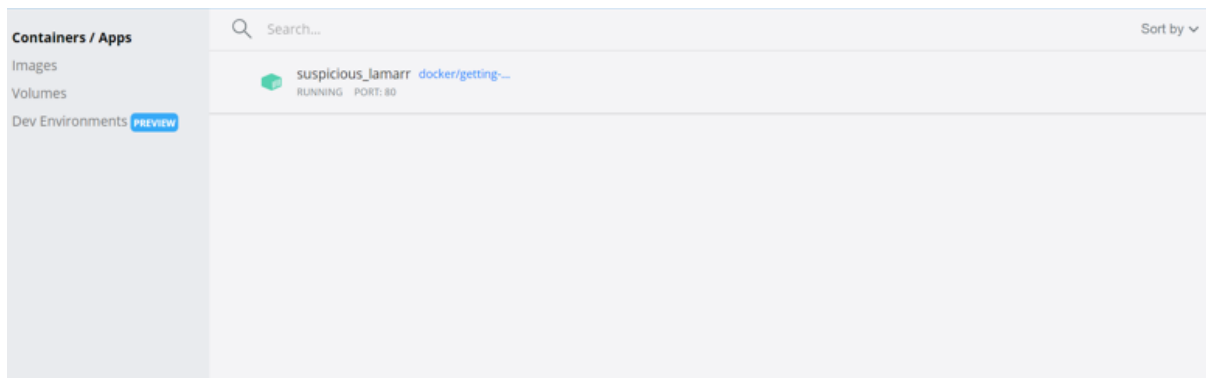


Step 4:

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 Docker ID.



Step 6:

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>
```

Now in the images tab an image of Ubuntu will be displayed,

we can run the Ubuntu instance using the cli.

Containers / Apps

Images

Volumes

Dev Environments PREVIEW

Images on disk

2 images

Total size: 100.76 MB

IN USE

UNUSED

Clean up...

LOCAL

REMOTE REPOSITORIES

Search

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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