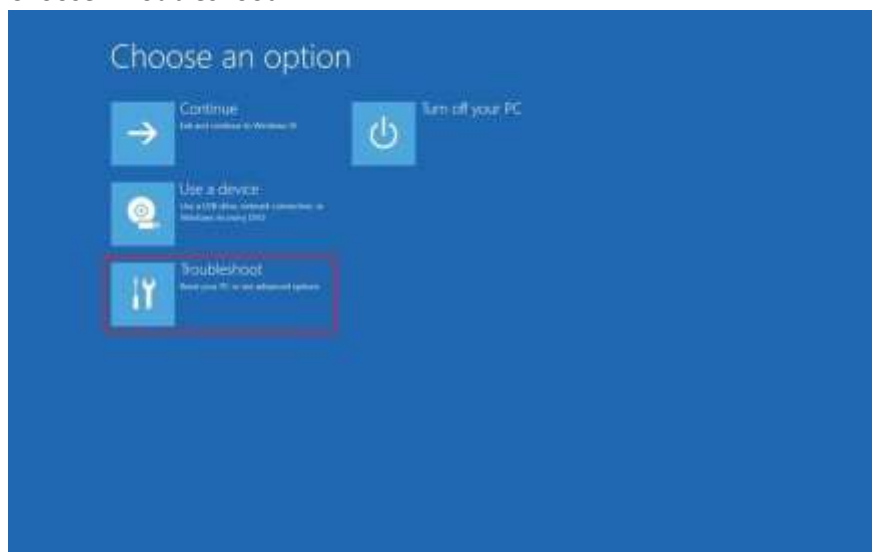# Docker Desktop for Window 10 PRO

Pre-Requisites:
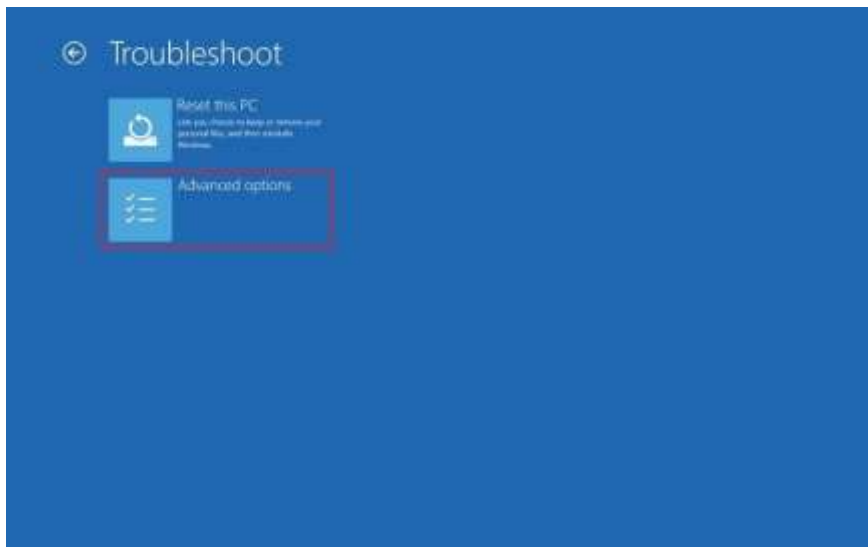
1. Windows 10 PRO version 1909 or Higher
2. CPU Level Virtualization Enabled from Your System BIOS
   See Note 1 Below
3. Hyper-V Installed and Enabled
   See Note 2 Below

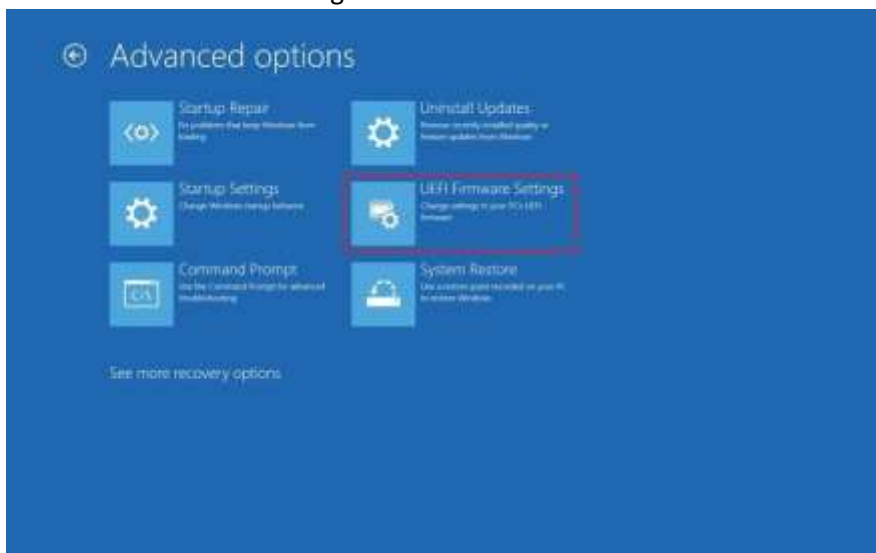## Note 1: How to Enable CPU Level Virtualization from System BIOS (UEFI in modern Systems)

1. Close All the running applications and Goto Start Menu
2. Press and HOLD SHIFT key while clicking "Restart" button.
   NOTE: After Windows began restarting leave shift key.
3. Wait for Windows to show a full screen menu with choices:
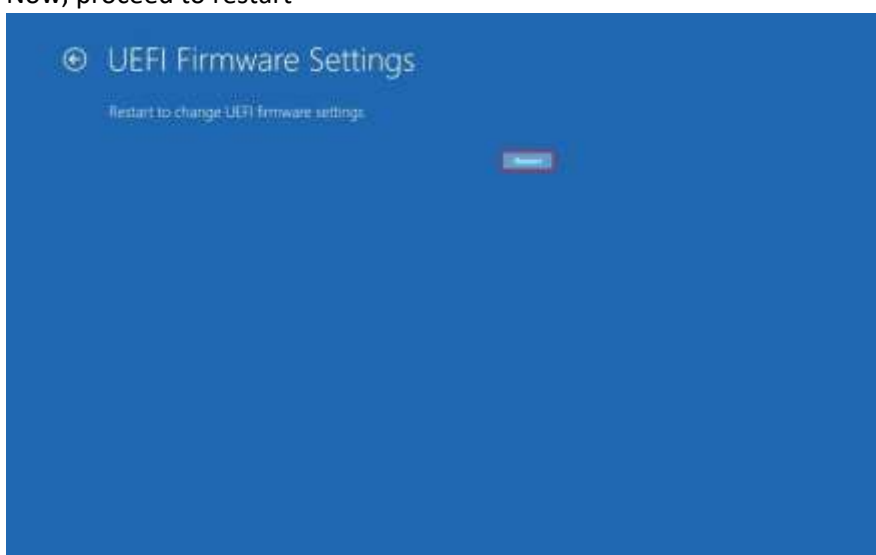   Choose "Troubleshoot"
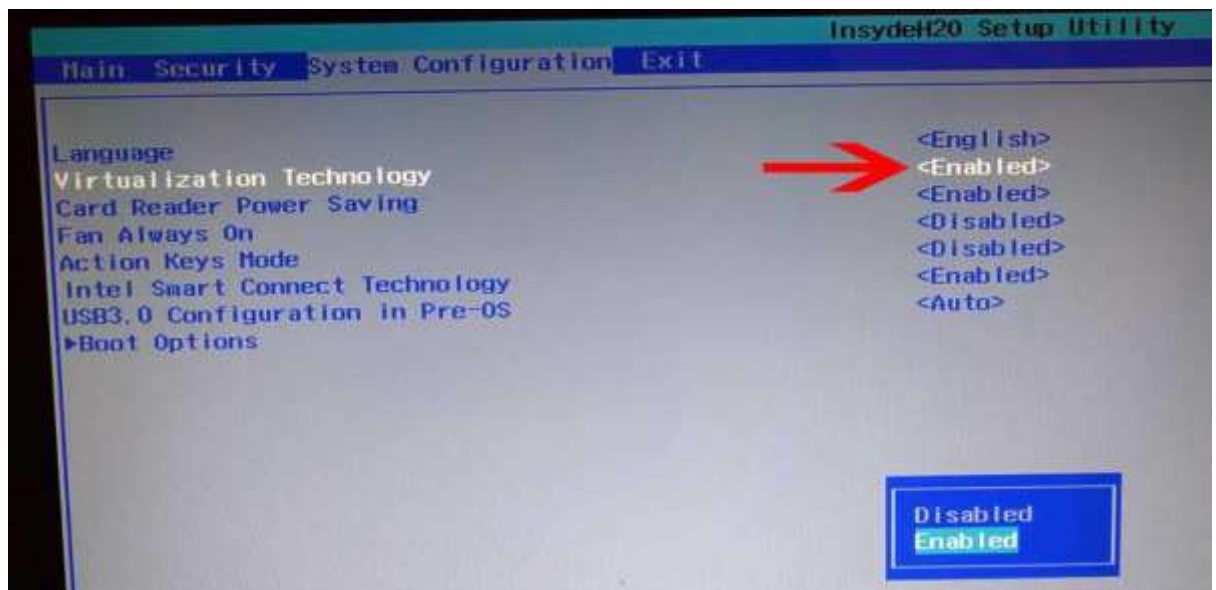

4. Click on "Advanced options"

5. Click "UEFI Firmware Settings"
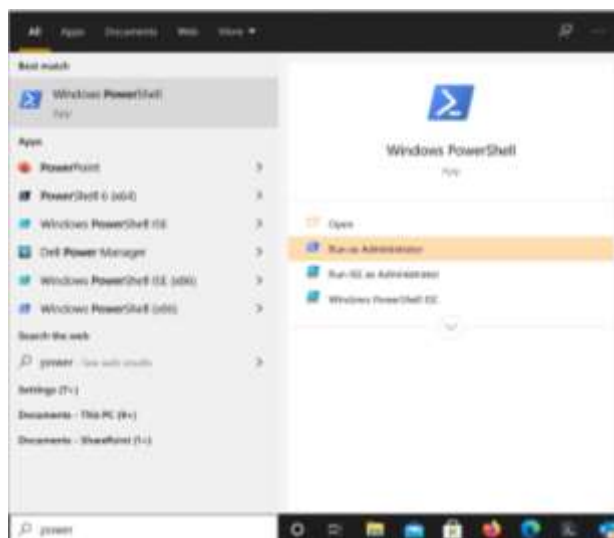

6. Now, proceed to restart

7. Once You are inside BIOS/UEFI Setup screen, look out for Virtualization and Enable it.

Then Proceed to Save and Exit.

Note 2: Installing Hyper-V and Container Support in Windows 10 PRO

1. Using Start Menu Try opening "Powershell" in Administrator mode.

2. Once in powershell, use following command to enable "HyperV" and Containers"

```
Enable-WindowsOptionalFeature -Online -FeatureName Microsoft-Hyper-V -All -NoRestart
Enable-WindowsOptionalFeature -Online -FeatureName Containers -All -NoRestart
```

```
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\WINDOWS\system32> Enable-WindowsOptionalFeature -Online -FeatureName Microsoft-Hyper-V -All -NoRestart


Path        :
Online      : True
RestartNeeded : False



PS C:\WINDOWS\system32> Enable-WindowsOptionalFeature -Online -FeatureName Containers -All -NoRestart


Path        :
Online      : True
RestartNeeded : False
```

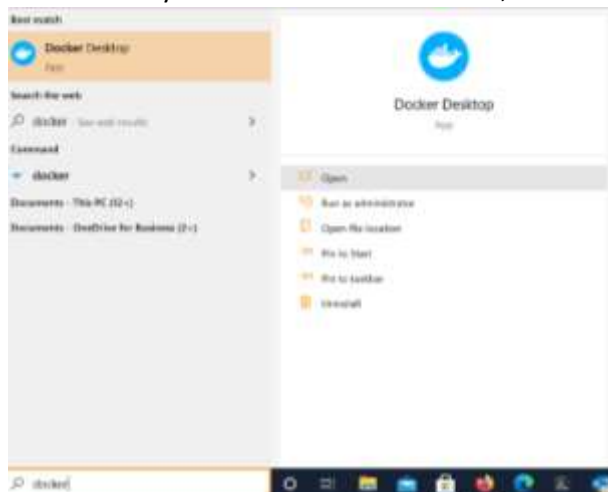3. You need to restart your system.

Docker desktop Installation

Download the setup from below link (Direct Link):

https://desktop.docker.com/win/stable/amd64/Docker%20Desktop%20Installer.exe?utm_source=docker&utm_medium=webreferral&utm_campaign=dd-smartbutton&utm_location=header

Run the setup after download

1. Restart the System and then After restart, Start Docker-Desktop from Start Menu

2. Wait for 15 Minutes for Docker desktop to start (Check System Tray

3. To Test the installation, try following command in CMD or POWERSHELL
   docker version

Incase of an error, please ignore and wait till the training day.