Installing Docker CE on Windows

Goal:

The goal of this project is to install Docker CE on a Windows system running Windows 10 64-bit.

Instructions:

Prerequisites

Docker requires Windows 10 Pro or Windows 10 Enterprise or Windows 10 Education. Currently, docker is not support on Windows 10 Home edition.

Also, **Docker requires that virtualization is enabled in your physical computer's BIOS.** Sometimes it's labeled as VT-x (for Intel processors) or AMD-v (for AMD processors). This varies from manufacturer to manufacturer, so you might have to look up the documentation for your specific computer. Luckily, this is usually already enabled, but if you run into any issues, double check and ensure the virtualization is enabled in your BIOS. This is different from having Hyper-V enabled. It is at the hardware level, not the operating system level.

Be aware that Docker and other virtualization software such as VirtualBox can't run on the same host.

Download Docker Desktop for Windows

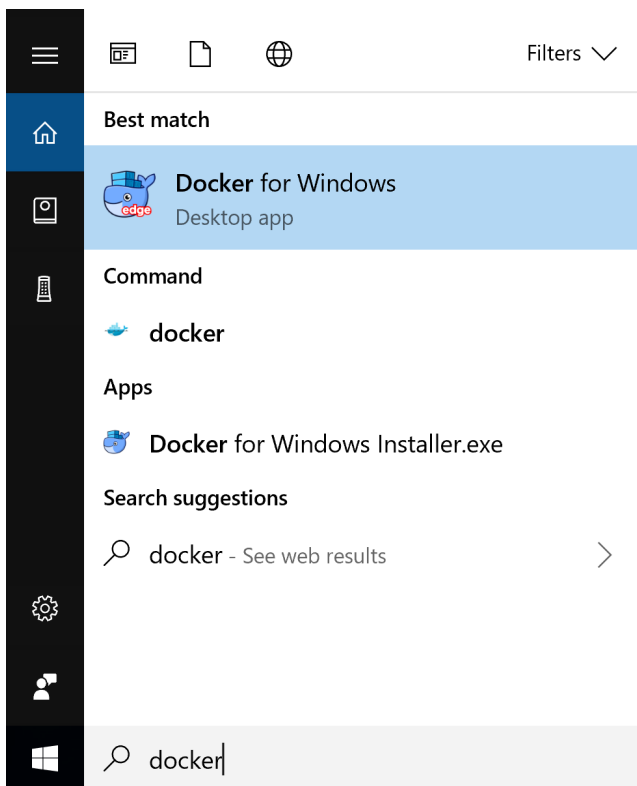Click the following link to download Docker Desktop for Windows:

https://desktop.docker.com/win/stable/amd64/Docker%20Desktop%20Installer.exe

NOTE: This link is current as of the time of publication. This may change over time, so if the link does not work, go to https://www.docker.com and find the download section of the website to get Docker for your operating system.

Install Docker Desktop

Double-click Docker Desktop for Windows Installer.exe to run the installer.

Docker does not start automatically after installation. To start it, search for Docker, select Docker Desktop for Windows in the search results, and click it (or hit Enter).

When the whale in the status bar stays steady, Docker is up-and-running, and accessible from any terminal window.

Test the Installation

Check that the Docker client is available and working by first opening up the Command Prompt as Administrator. To start it, search for Command, select Command Prompt in the search results, and click it (or hit Enter). Finally, run the following command:

```
docker version
```