



Docker Install on Windows

Step-1: go to docker official website <https://docs.docker.com/desktop/windows/install/>

And download Docker Desktop for windows software as shown below:

Install Docker Desktop on Windows

Estimated reading time: 10 minutes

Update to the Docker Desktop terms

Commercial use of Docker Desktop in larger enterprises (more than 250 employees OR more than \$10 million USD in annual revenue) now requires a paid subscription. The grace period for those that will require a paid subscription ends on January 31, 2022. [Learn more.](#)

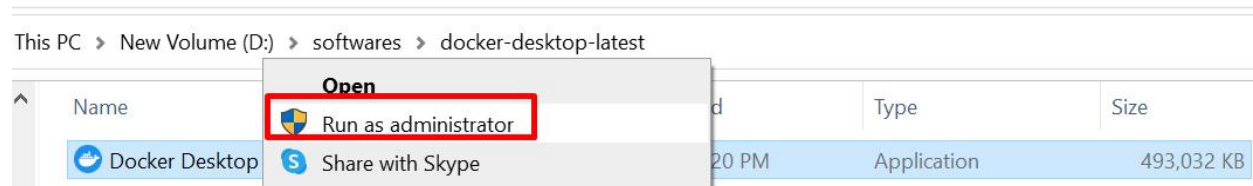
Welcome to Docker Desktop for Windows. This page contains information about Docker Desktop for Windows system requirements, download URL, instructions to install and update Docker Desktop for Windows.

Download Docker Desktop for Windows

[Docker Desktop for Windows](#)

Step-2:

Once the docker downloaded, right click on it and run as administrator as shown below:



Note: Allow Yes when it shown the installation prompt

Step-3:

As soon as the docker desktop will open it will ask us for installation of WSL2(Windows Subsystem for Linux2) which is an a pre-requisite ro run the docker desktop as shown below:

Installing Docker Desktop 4.8.0 (78933)

Configuration

- ☒ Use WSL 2 instead of Hyper-V (recommended)
- ☒ Add shortcut to desktop



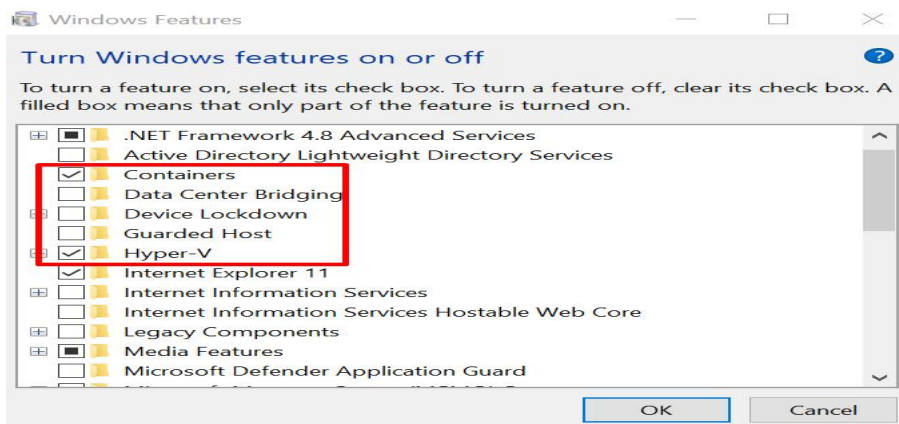
Click on Okay and it will take little time and install the docker software.



Note:

In Order to run the docker software in our windows machine, make sure the below windows features were enabled.

1. Containers
2. Hyper-V
3. Virtual Machine Platform
4. Windows Hypervisor Platform.



- ☒ Virtual Machine Platform
- ☒ Windows Hypervisor Platform

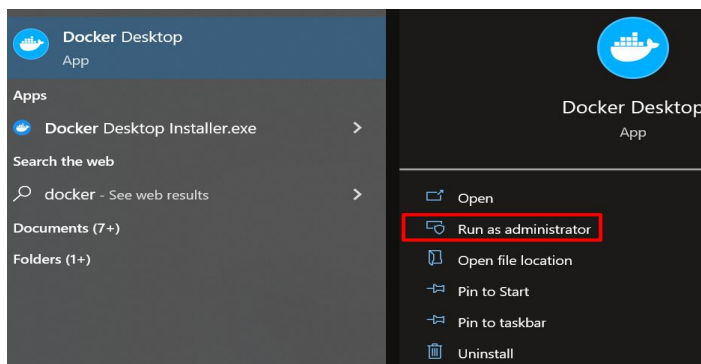


Step-4:

Once after the docker desktop installed, we can see the successful installation message as shown below:

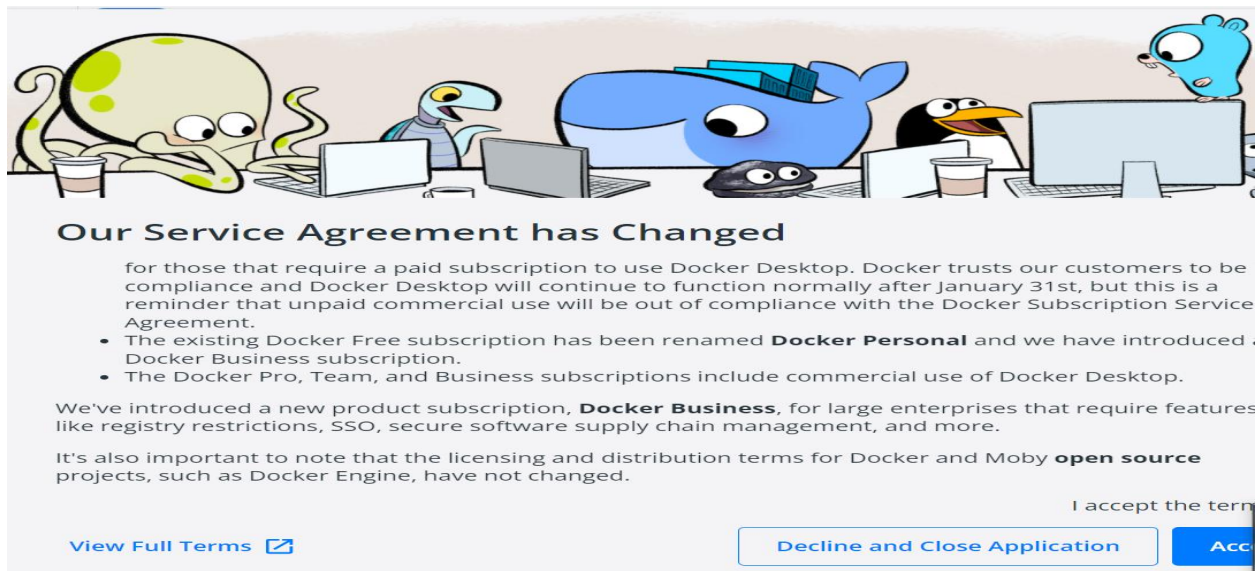


Step-5: Open the docker desktop by typing docker in windows machine

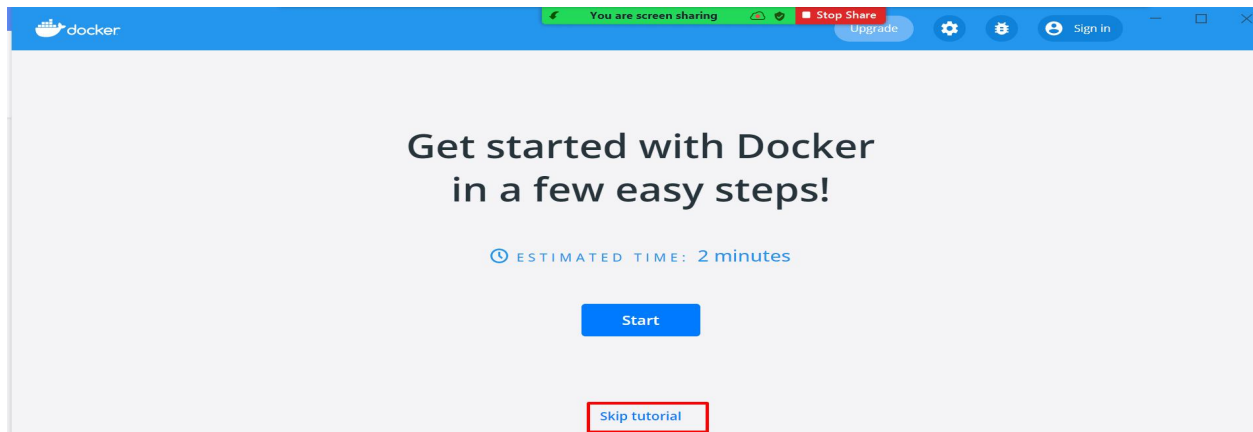


When we run as an administrative mode, it will do the following tasks:

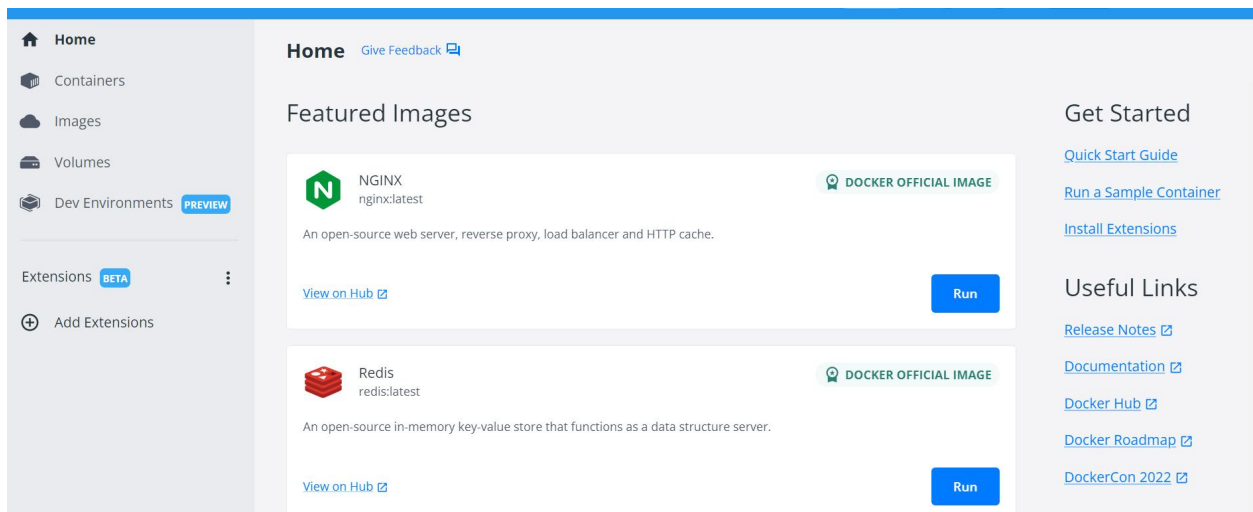
1. Accept the License Agreement



2. Then docker engine will be started.



As soon as we skip the tutorial the docker desktop will be shown as as below with the default feature images by pulling them from the hub.docker.com



Verify the Docker Installation

Step-1: Open Command Prompt and run the command

docker version as shown below which will gives us the installed docker version along with its architecture information like docker client and docker server/engine information.



```
C:\Windows\system32\cmd.exe

C:\Users\TM-IP-1763>docker version
Client:
 Cloud integration: v1.0.24
 Version:          20.10.14
 API version:      1.41
 Go version:       go1.16.15
 Git commit:       a224086
 Built:            Thu Mar 24 01:53:11 2022
 OS/Arch:          windows/amd64
 Context:          default
 Experimental:     true

Server: Docker Desktop 4.8.0 (78933)
 Engine:
  Version:          20.10.14
  API version:      1.41 (minimum version 1.12)
  Go version:       go1.16.15
  Git commit:       87a90dc
  Built:            Thu Mar 24 01:46:14 2022
  OS/Arch:          linux/amd64
  Experimental:     false
 containerd:
  Version:          1.5.11
  GitCommit:        3df54a852345ae127d1fa3092b95168e4a88e2f8
 runc:
  Version:          1.0.3
  GitCommit:        v1.0.3-0-gf46b6ba
 docker-init:
  Version:          0.19.0
  GitCommit:        de40ad0

C:\Users\TM-IP-1763>
```

Stopping the Docker Server running

In Order to stop the docker server running on windows, go to hidden icons, right click on docker icon and the select quite docker desktop. Then docker desktop along with the docker server will be stopped.