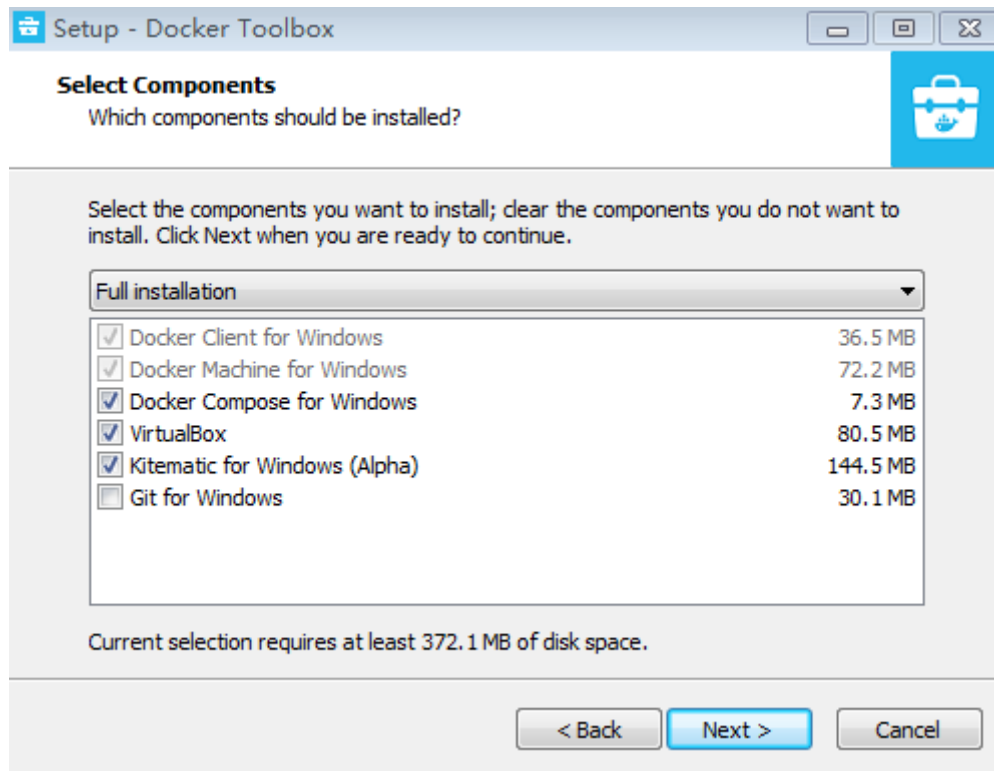


# Windows Docker

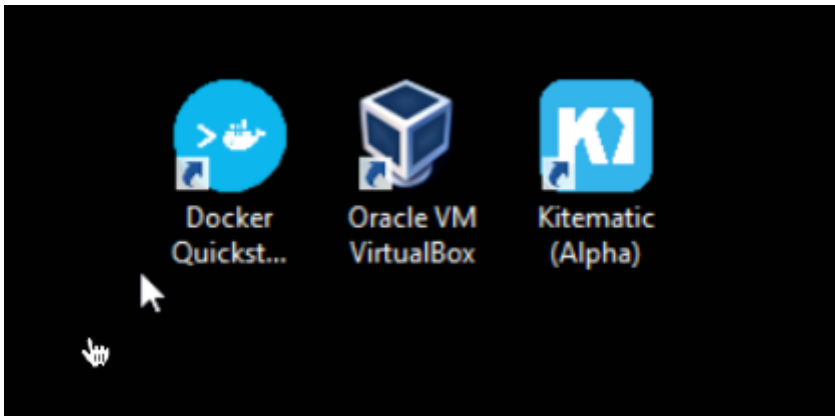
win7 win8

win7 win8      docker toolbox windows/docker-toolbox



docker toolbox

- Docker CLI - docker
- Docker Machine - Windows docker
- Docker Compose - docker-compose
- Kitematic - Docker GUI
- Docker QuickStart shell - Docker
- Oracle VM Virtualbox -



Docker QuickStart

Docker Toolbox

User Account Control

VirtualBox

Yes

```
MINGW32/c/Users/M
export DOCKER_HOST=tcp://192.168.59.103:2376
export DOCKER_CERT_PATH='C:\Users\M\boot2docker\certs\boot2docker-vm'
export DOCKER_TLS_VERIFY=1

IP address of docker VM:
192.168.59.103

setting environment variables ...
Writing C:\Users\M\boot2docker\certs\boot2docker-vm\ca.pem
Writing C:\Users\M\boot2docker\certs\boot2docker-vm\cert.pem
Writing C:\Users\M\boot2docker\certs\boot2docker-vm\key.pem
export DOCKER_HOST=tcp://192.168.59.103:2376
export DOCKER_CERT_PATH='C:\Users\M\boot2docker\certs\boot2docker-vm'
export DOCKER_TLS_VERIFY=1

You can now use 'docker' directly, or 'boot2docker ssh' to log into the VM.
Welcome to Git (version 1.9.5-preview20150319)

Run 'git help git' to display the help index.
Run 'git help <command>' to display help for specific commands.

MERNEALE ~
$
```

\$

```
$ docker run hello-world

Unable to find image 'hello-world:latest' locally
Pulling repository hello-world
91c95931e552: Download complete
a8219747be10: Download complete
Status: Downloaded newer image for hello-world:latest
Hello from Docker.

This message shows that your installation appears to be working correctly.
```

To generate this message, Docker took the following steps:

1. The Docker Engine CLI client contacted the Docker Engine daemon.
2. The Docker Engine daemon pulled the "hello-world" image from the Docker Hub.  
(Assuming it was not already locally available.)

3. The Docker Engine daemon created a new container from that image which runs the executable that produces the output you are currently reading.
4. The Docker Engine daemon streamed that output to the Docker Engine CLI client, which sent it to your terminal.

To try something more ambitious, you can run an Ubuntu container with:

```
$ docker run -it ubuntu bash
```

For more examples and ideas, visit:

<https://docs.docker.com/userguide/>

# Win10

Docker

Win10

Hyper-V

## Hyper-V



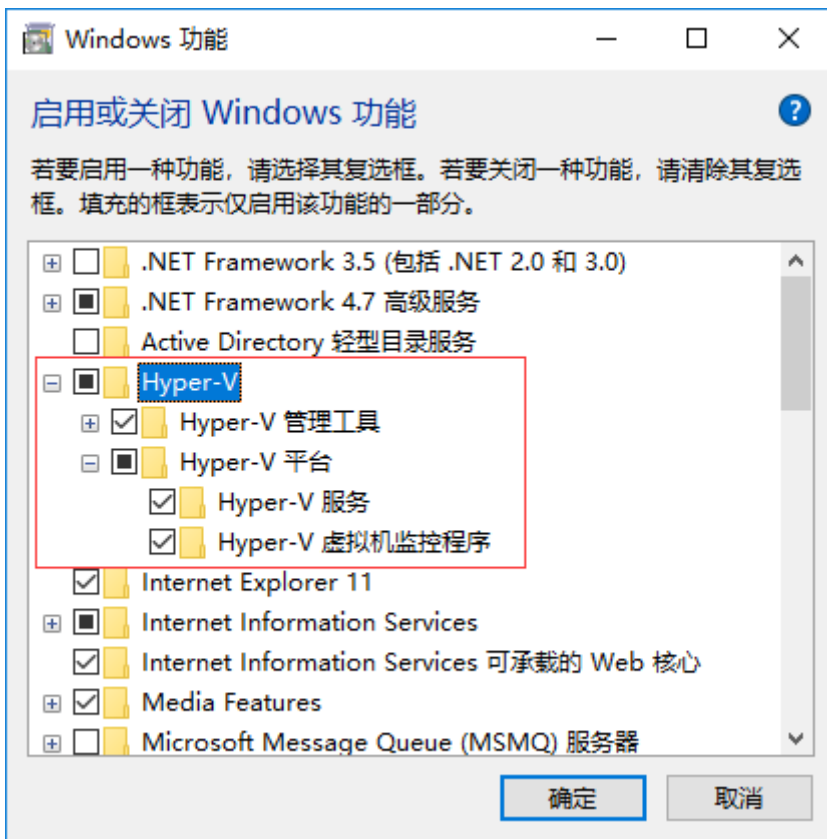
#### 相关设置

程序和功能

- Windows

 [启用或关闭 Windows 功能](#)

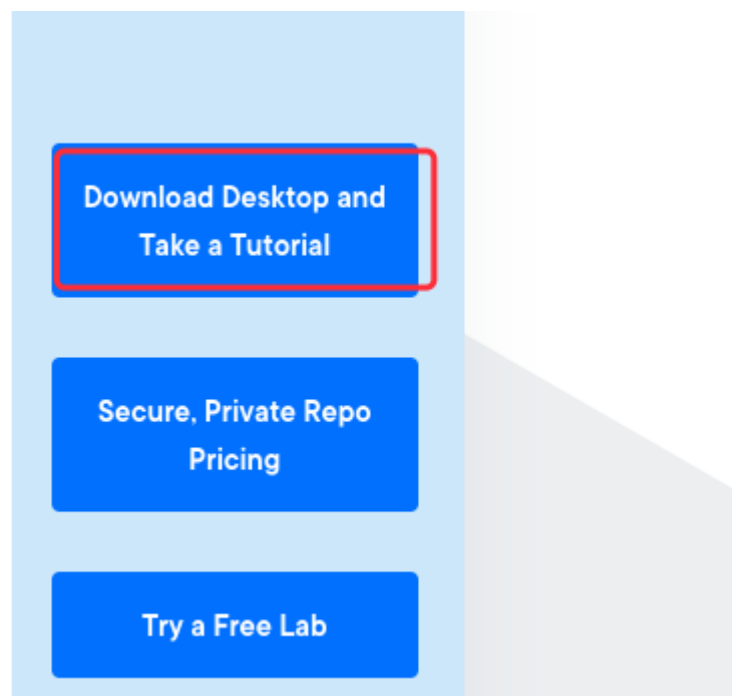
- Hyper-V



# 1    Toolbox

Toolboxget-docker

Download Desktop and Take a Tutorial    Windows

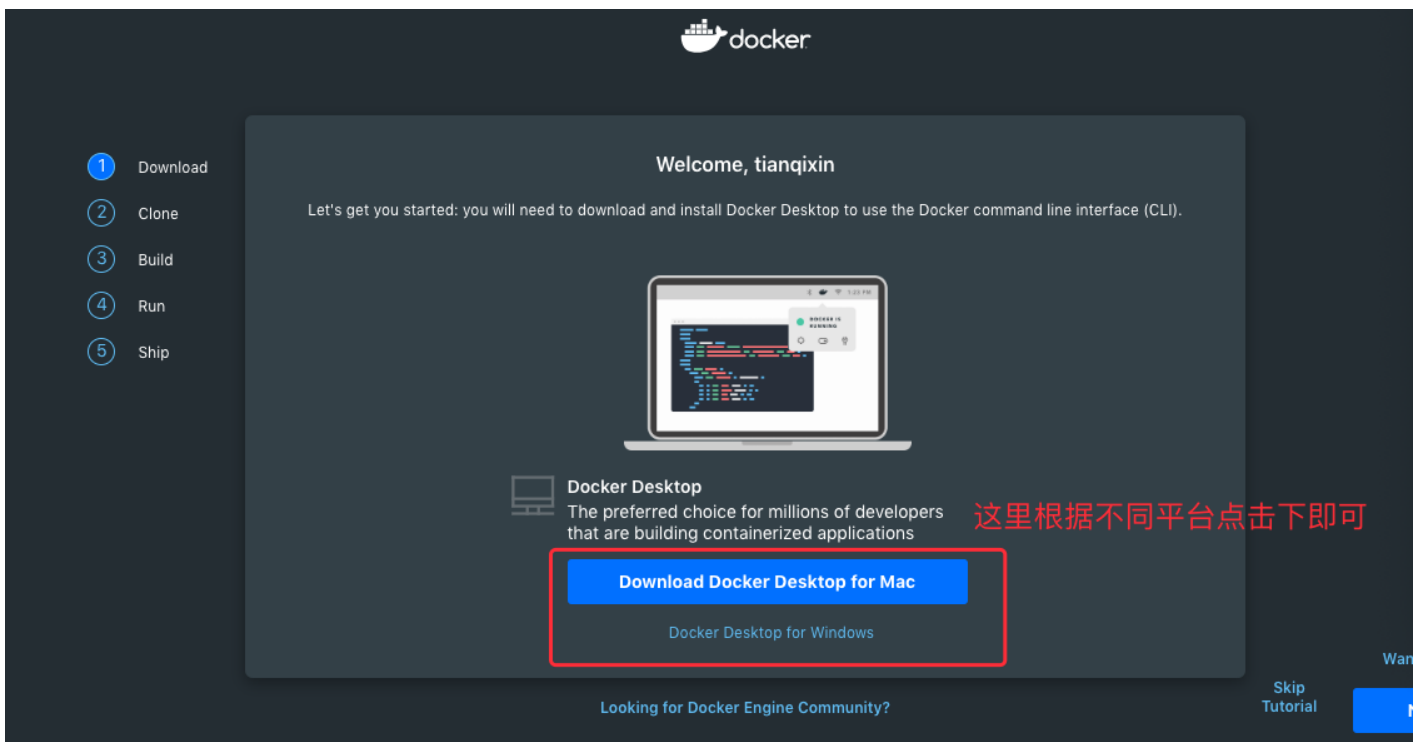


Welcome to Docker Hub

# Download and Take a Tutorial

Get started by downloading Docker Desktop, and learn how you can build, tag and share a sample image on Hub.

[Get started with Docker Desktop](#)



2

- Docker for Windows Installer      Next      Finish




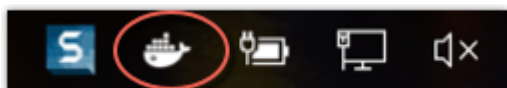
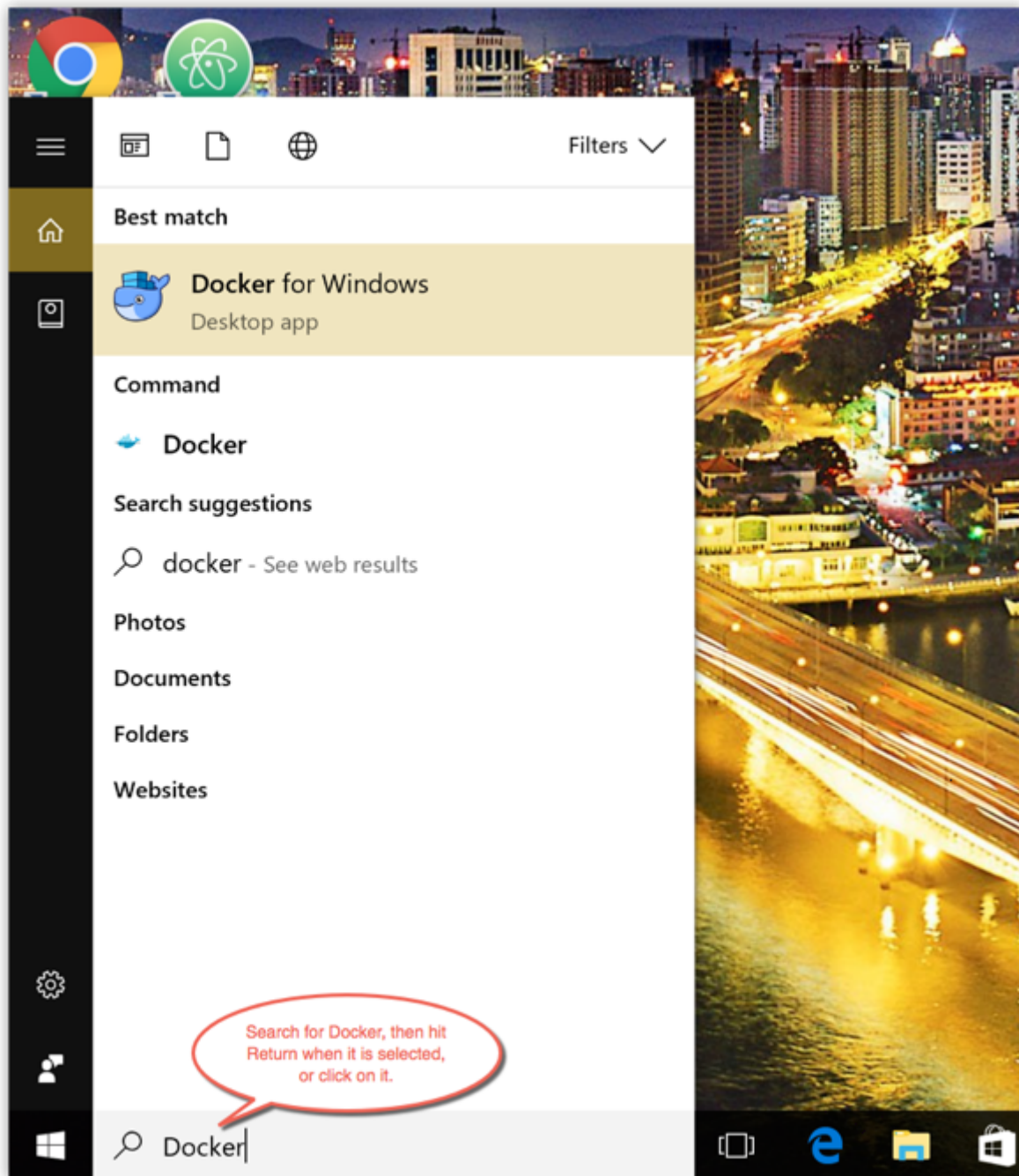
# Docker for Windows 17.09.0-ce-win33

Installation succeeded

You must log out of Windows to complete installation.

Close and log out

-  Docker
- docker version      docker run hello-world
- Windows      Docker



## Windows 10

Windows 10

Docker

Settings [registry.docker.io](https://registry.docker.io) Docker Daemon App Registry Docker



General

Shared Drives

Advanced


Network

Proxies

Daemon

Diagnose &amp; Feedback

Reset

 Docker is running

## Daemon



Configure the Docker daemon by typing a json docker daemon [configuration file](#).

☒ Advanced

This can prevent Docker from starting. Use at your own risk!

```
{  
  "registry-mirrors": [  
    "https://fd. .mirror.aliyuncs.com"  
  ],  
  "insecure-registries": []  
}
```

Docker will restart when applying these settings.

Apply

Revision #1

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