

Minikube in WSL on Windows10 (Fail)

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Pre-Requisites

- [Install Ubuntu on WSL2 in windows](#)

Install Docker

In WSL2/Ubuntu:

```
$ sudo apt-get update

$ sudo apt-get install \
  apt-transport-https \
  ca-certificates \
  curl \
  gnupg \
  lsb-release

$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /usr/share/keyrings/docker-
archive-keyring.gpg

$ echo \
  "deb [arch=amd64 signed-by=/usr/share/keyrings/docker-archive-keyring.gpg] https://download.docker.com/linux
  /ubuntu \
  $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null

$ sudo apt-get update
$ sudo apt-get install docker-ce docker-ce-cli containerd.io
```

Start Docker

```
$ sudo /etc/init.d/docker start
```

Minikube

Install

```
curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64
sudo install minikube-linux-amd64 /usr/local/bin/minikube
```

Configure

```
$ minikube config view

$ minikube config set vm-driver docker
$ minikube config set memory 8192
$ minikube config set cpu 4

$ eval $(minikube docker-env)
```

Start Minikube

```
$ minikube start

minikube v1.23.2 on Ubuntu 20.04
Using the docker driver based on user configuration
Starting control plane node minikube in cluster minikube
Pulling base image ...
Downloading Kubernetes v1.22.2 preload ...
> preloaded-images-k8s-v13-v1...: 511.84 MiB / 511.84 MiB 100.00% 3.39 MiB
Creating docker container (CPUs=2, Memory=3100MB) ...
This container is having trouble accessing https://k8s.gcr.io
To pull new external images, you may need to configure a proxy: https://minikube.sigs.k8s.io/docs/reference/networking/proxy/
Preparing Kubernetes v1.22.2 on Docker 20.10.8 ...
  Generating certificates and keys ...
  Booting up control plane ...
  Configuring RBAC rules ...
Verifying Kubernetes components...
  Using image gcr.io/k8s-minikube/storage-provisioner:v5
Enabled addons: storage-provisioner, default-storageclass
Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
```

FORGET IT - THIS DOESN'T WORK

References

Reference	URL
Setting up Kubernetes on WSL to work with Minikube on Windows 10	https://blog.thepolyglotprogrammer.com/setting-up-kubernetes-on-wsl-to-work-with-minikube-on-windows-10-90dac3c72fa1
Install Docker Engine on Ubuntu	https://docs.docker.com/engine/install/ubuntu/
Minikube start	https://minikube.sigs.k8s.io/docs/start/