

Installing Minikube

In this lesson, we will learn how to install Minikube.

WE'LL COVER THE FOLLOWING ^

- Understanding Minikube
- Installation
 - MacOS
 - Linux
 - Windows
- Validation

Understanding Minikube

Minikube supports several virtualization technologies. We'll use VirtualBox throughout the book since it is the only virtualization supported in all operating systems. If you do not have it already, please head to the [Download VirtualBox](#) page and get the version that matches your OS.

⚠ Please keep in mind that for VirtualBox or HyperV to work, virtualization must be enabled in the BIOS. Most laptops should have it enabled by default.

📝 The installation of Minikube may take a while.

Installation

Finally, we can install Minikube.

MacOS

If you're using **MacOS**, please execute the command that follows.

```
brew install minikube
```



If the installation fails you can go to this [link](#).

Linux

If, on the other hand, you prefer **Linux**, the command is as follows.

```
curl -Lo minikube https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64
```



Windows

Finally, you will not get a command if you are a Windows user. Instead, download the latest release from of the [minikube-windows-amd64.exe](#) file, rename it to `minikube.exe`, and add it to your path.

Validation

We'll test whether Minikube works or not by checking its version.

```
minikube version
```



The output is as follows.

```
minikube version: v1.0.0
```



Now we're ready to give the cluster a spin.

In the next lesson, we will finally create a local Kubernetes cluster.