



INSTALLATION AND CONFIGURATION

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Using Minikube

You can also use Minikube, an open source project within the GitHub [Kubernetes organization](#). While you can download a release from GitHub, following listed directions, it may be easier to download a pre-compiled binary. Make sure to verify and get the latest version.

For example, to get the v.0.22.2 version, run the following commands:

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

$ chmod +x minikube

$ sudo mv minikube /usr/local/bin
```

With Minikube now installed, starting Kubernetes on your local machine is very easy. Use these commands:

```
$ minikube start

$ kubectl get nodes
```

This will start a VirtualBox virtual machine that will contain a single node Kubernetes deployment and the Docker engine. Internally, minikube runs a single Go binary called **loca1kube**. This binary runs all the components of Kubernetes together. This makes Minikube simpler than a full Kubernetes deployment. In addition, the Minikube VM also runs Docker, in order to be able to run containers.