



INSTALLATION AND CONFIGURATION

Installation and Configuration

Using Google Kubernetes Engine (GKE)

Google takes every Kubernetes release through rigorous testing and makes it available via its GKE service. To be able to use GKE, you will need the following:

- An account on [Google Cloud](#).
- A method of payment for services you will use.
- The **gcloud** command line client.

There is an extensive documentation to get it installed. Pick your favorite installation method and set it up. For more details, you can visit the [Installing Cloud SDK web page](#).

You will then be able to follow the [GKE quickstart guide](#) and you will be ready to create your first Kubernetes cluster:

```
$ gcloud container clusters create linuxfoundation
```

```
$ gcloud container clusters list
```

```
$ kubectl get nodes
```

By installing **gcloud**, you will have automatically installed **kubectl**. In the commands above, we created the cluster, listed it, and then, listed the nodes of the cluster with **kubectl**.

Once you are done, ***do not forget to delete your cluster***, otherwise you will keep on getting charged for it. See the following command:

```
$ gcloud container clusters delete linuxfoundation
```