**V- CREATION OF K8S NEW USER WITH PERMISSIONS TO CREATE, LIST, GET, UPDATE AND DELETE PODS.**

**-Application Configuration on the Pods**

**-Snapshot on ETCD Database**

**-Criteria for autoscaling**

For a user to have permissions to create, list, get, update, and delete pods we need the following requirements:

Basic level of understanding of [how Kubernetes works](https://kubernetes.io/docs/concepts/).

[Kubernetes](https://kubernetes.io/) cluster or [Minikube](https://kubernetes.io/docs/setup/minikube/) running.

[Kubectl command line](https://kubernetes.io/docs/tasks/tools/install-kubectl/) installed.

[OpenSSL](https://wiki.openssl.org/index.php/) installed.

In our previous installation on (III), we have k8s and kubectl installed. I just installed OpenSSL.

https://github.com/jeanmd1/OpenSSL.git

Text

Description automatically generated

Let’s make sure k8s clusters up and running.

Graphical user interface, text

Description automatically generated

Let’s create a namespace test for a role developer and associate the user jean

Text

Description automatically generated

Kube configuration files certificate-authority-data

Text

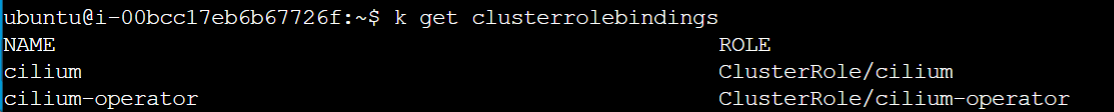
Description automatically generated

Text

Description automatically generated

Text

Description automatically generated with medium confidence



Text

Description automatically generated

Text

Description automatically generated

Jean has now permissions to create list get update and delete pods

Text

Description automatically generated with medium confidence

Text

Description automatically generated

SNAPSHOT OT ETCD Database

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

CRITERIA SETTING FOR MEMORY OF CPU

Graphical user interface

Description automatically generated