**Backing up the Etcd Cluster Data .**

Course-end Project 2

Description

**Project Agenda:** To take the backup of an etcd cluster in a file

**Description:**

As an infrastructure admin, you need to take the backup of an etcd in a file called /tmp/myback. Make sure to have a namespace called cep-project2 with a network policy configured in such a way that all the Pods in the same namespace should access each other. Any other Pods from the non cep-project2 should not access the Pods. Configure a Kubernetes client on worker node 3 in such a way that user4 should have only view access to cep-project2. Update the master with the latest version of the Kubernetes.

**Tools Required:** kubeadm, kubectl, kubelet, and Docker

**Expected Deliverables:**

* Creating and verifying the namespaces
* Generating a certificate and private key in the worker node
* Upgrading the Kubernetes cluster with the latest version
* A Kubernetes cluster with high availability enabled