A close up of a logo

Description automatically generated

**Lesson 7 Demo 3**

**Understanding CSI Volume Cloning**



Steps to be followed:

1. Creating a cloned Persistent Volume

**Step 1: Creating a cloned persistent volume**

* 1. Create a volume snapshot configuration file using the ***vi csi-vol-clone.yaml*** command and add the following code to the file:

***apiVersion: v1***

***kind: PersistentVolumeClaim***

***metadata:***

***name: clone-of-pvc4***

***namespace: default***

***spec:***

***accessModes:***

***- ReadWriteOnce***

***storageClassName: premium-rwo***

***resources:***

***requests:***

***storage: 5Gi***

***dataSource:***

***kind: PersistentVolumeClaim***

***name: pvc-1***

* 1. Create the resource using the following command:

***kubectl apply -f csi-vol-clone.yaml***

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* 1. View the volume information using the below command:

***kubectl get pvc clone-of-pvc4 -o wide***



* 1. View the persistent volume claim using the command:

***kubectl describe pvc cloned-pvc***

