

Task 9.1P

GitHub:

<https://github.com/NicolasAndresTomas/sit323-737-2024-t1-prac9p.git>

Workshop 8:

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PS C:\Users\Nicolas\Documents\Bachelor Of Information Technology\Year 4\Trimester 1\SIT323 - Cloud Native Application Development\sit323-737-2024-t1-prac9p> kubectl apply -f ./createPersistentVolu
PS C:\Users\Nicolas\Documents\Bachelor Of Information Technology\Year 4\Trimester 1\SIT323 - Cloud Native Application Development\sit323-737-2024-t1-prac9p> kubectl get pv
pvc-06381cc2-de45-47e5-aaa4-d2afeae1b964 1Gi RWO Delete Bound default/mongodb-pvc hostpath <unset> 46m
mcClaim.yaml
persistentvolumeclaim/mongo-pvc created
mongo-pvc Bound mongo-pv 1Gi RWO <unset> 10s
PS C:\Users\Nicolas\Documents\Bachelor Of Information Technology\Year 4\Trimester 1\SIT323 - Cloud Native Application Development\sit323-737-2024-t1-prac9p> kubectl delete -f ./createPersistentVol
mcClaim.yaml
persistentvolumeclaim "mongo-pvc" deleted
mcClaim.yaml
persistentvolume "mongo-pv" deleted
hostpath (default) docker.io/hostpath Delete Immediate false 101m
aml
storageclass.storage.k8s.io/demo-storage created
PS C:\Users\Nicolas\Documents\Bachelor Of Information Technology\Year 4\Trimester 1\SIT323 - Cloud Native Application Development\sit323-737-2024-t1-prac9p> kubectl get sc
hostpath (default) docker.io/hostpath Delete Immediate false 102m
NAME CAPACITY ACCESS MODES RECLAIM POLICY STATUS CLAIM STORAGECLASS VOLUMEATTRIBUTESCLASS REASON AGE
pvc-06381cc2-de45-47e5-aaa4-d2afeae1b964 1Gi RWO Delete Bound default/mongodb-pvc hostpath <unset> 53m
mcClaim.yaml
PS C:\Users\Nicolas\Documents\Bachelor Of Information Technology\Year 4\Trimester 1\SIT323 - Cloud Native Application Development\sit323-737-2024-t1-prac9p> kubectl get pv
NAME CAPACITY ACCESS MODES RECLAIM POLICY STATUS CLAIM STORAGECLASS VOLUMEATTRIBUTESCLASS REASON AGE
pvc-06381cc2-de45-47e5-aaa4-d2afeae1b964 1Gi RWO Delete Bound default/mongodb-pvc hostpath <unset> 54m
pvc-8eeba674-1dad-4f81-9ada-37ba4c53ceb8 1Gi RWO Delete Bound default/mongo-pvc demo-storage <unset> 13s
PS C:\Users\Nicolas\Documents\Bachelor Of Information Technology\Year 4\Trimester 1\SIT323 - Cloud Native Application Development\sit323-737-2024-t1-prac9p> kubectl apply -f ./createDeployment.yam
1
deployment.apps/mongo created
PS C:\Users\Nicolas\Documents\Bachelor Of Information Technology\Year 4\Trimester 1\SIT323 - Cloud Native Application Development\sit323-737-2024-t1-prac9p> kubectl get pods
NAME READY STATUS RESTARTS AGE
mongo-54f7c77856-dkvn1 1/1 Running 0 13s
PS C:\Users\Nicolas\Documents\Bachelor Of Information Technology\Year 4\Trimester 1\SIT323 - Cloud Native Application Development\sit323-737-2024-t1-prac9p> kubectl apply -f ./createService.yaml
service/mongo-svc created
PS C:\Users\Nicolas\Documents\Bachelor Of Information Technology\Year 4\Trimester 1\SIT323 - Cloud Native Application Development\sit323-737-2024-t1-prac9p> kubectl get svc
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 16m
mongo-svc NodePort 10.96.196.105 <none> 27017:32000/TCP 17s
PS C:\Users\Nicolas\Documents\Bachelor Of Information Technology\Year 4\Trimester 1\SIT323 - Cloud Native Application Development\sit323-737-2024-t1-prac9p> |
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Workshop 9:

