

Assignment : MYSQL node on Kubernetes using Kubernetes  
Artifacts  
Subject : DevOps  
Roll No. : N20431018

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## **Procedure for Creating artifact :**

### **1 : Start the kubernetes single node cluster**

`$minikube start --wait=false`

### **2 : Storing root password in base 64 Format**

`$vi mysql-secret.yml`

### **3 : Creating Storage configuration**

`$ vi mysql-storage.yml`

### **4 : Creating deployment file for mysql**

`$ vi mysql-deployment.sql`

### **5 : The command set kubectl apply is used at a terminal's command-line window to create or modify Kubernetes resources defined in a manifest file.**

`$kubectl apply -f mysql_secret`

`$kubectl apply -f mysql_storage`

`$kubectl apply -f mysql_deployment`