**Docker Commands**

**docker run -d -p 27017:27017 --name example-mongo mongo:latest**

docker run -d -p 27017:27017 -e MONGO\_INITDB\_ROOT\_USERNAME=rootuser -e MONGO\_INITDB\_ROOT\_PASSWORD=password --name mongodb --net microservice-network mongo;

docker run -d -p 8081:8081 -e ME\_CONFIG\_MONGODB\_ADMINUSERNAME=rootuser -e ME\_CONFIG\_MONGODB\_ADMINPASSWORD=password -e ME\_CONFIG\_MONGODB\_SERVER=mongodb --name mongo-express --net microservice-network mongo-express

brew services start mongodb-community@6.0

brew services stop mongodb-community@6.0

docker run -it -p 3306:3306 -e MYSQL\_ROOT\_PASSWORD=root --name mysql mysql:latest

docker run -d -p 3306:3306 --name mysqldb -e MYSQL\_ROOT\_PASSWORD=root -e MYSQL\_DATABASE=mydatabase mysql:latest

docker exec -it mysqldb bash

**docker run -d -p 3307:3306 --name mysql-docker-container -e MYSQL\_ROOT\_PASSWORD=root -e MYSQL\_DATABASE=employee\_db -e MYSQL\_USER=root -e MYSQL\_PASSWORD=root mysql/mysql-server:latest**

sudo docker exec -it mysql-docker-container bash

**docker run -d -p 3307:3306 --name mysql-docker-container -e MYSQL\_ROOT\_PASSWORD=rootpass -e MYSQL\_DATABASE=inventory\_service\_db -e MYSQL\_USER=root -e MYSQL\_PASSWORD=root mysql/mysql-server:latest**

**To Create new Database with new user below steps need to follow:**

* **docker exec -it mysql-docker-container mysql -u root -p**
* **CREATE DATABASE new\_database;**
* **CREATE USER 'new\_user'@'%' IDENTIFIED BY 'new\_user\_password';**
* **GRANT ALL PRIVILEGES ON new\_database.\* TO 'new\_user'@'%';**
* **FLUSH PRIVILEGES;**

**Below Command are used to run the mysql container which can login as root user from anywhere:**

docker run -d -p 3307:3306 --name mysql-docker-container \

-e MYSQL\_ROOT\_PASSWORD=password \

-e MYSQL\_DATABASE=inventory\_service\_db \

-e MYSQL\_USER=inventory \

-e MYSQL\_PASSWORD=password \

-e MYSQL\_ROOT\_HOST='%' \

mysql/mysql-server:latest