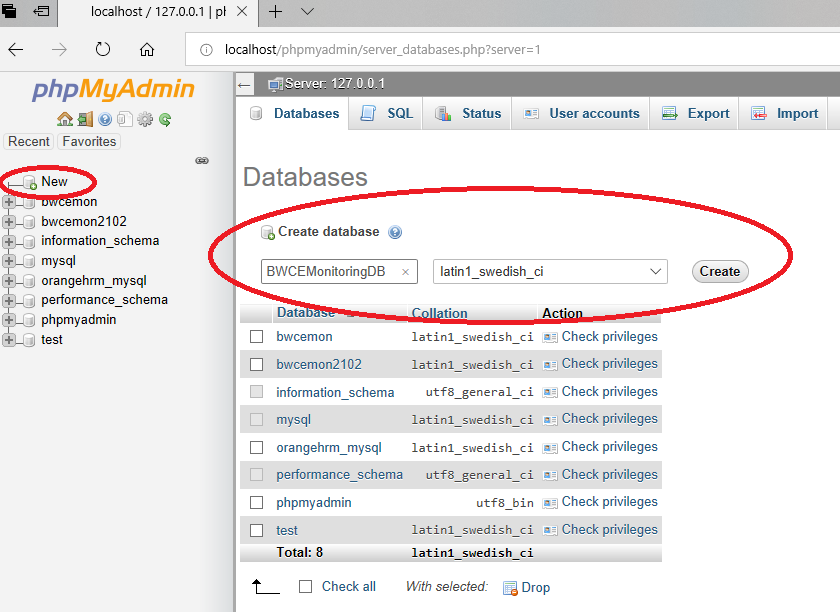
**TIBCO BWCE MONITORING APPLICATION**

**Pre requisites** :

* MySQL or Postgre SQL DB running . We will take MySQL for our purpose here.
* TIBCO BWCE base image version should be greater than 2.3.1

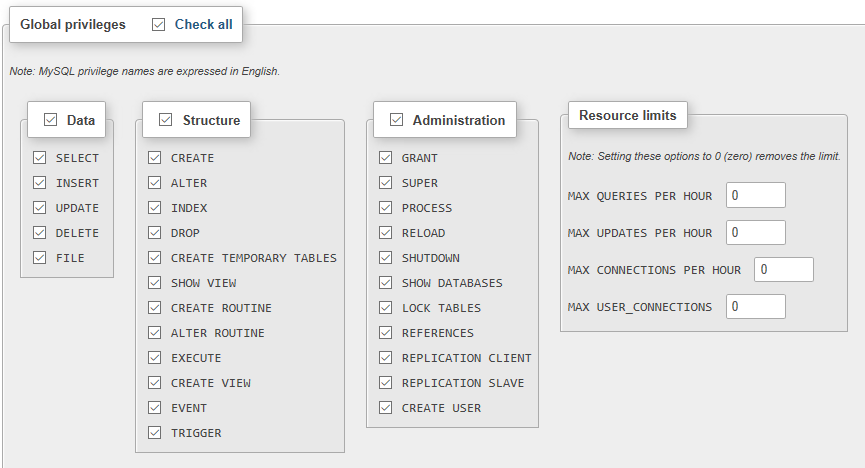
**Steps to install and configure Monitoring:**

1. Download xampp installer and install the same.
2. Navigate to the installed folder and click on xampp-control.exe
3. Start Apache web server and MySql DB. Once it has started , click on ‘admin’ button for MySQL.
4. In the administrator page , create a new database as shown below.



Once the DB is created , use the privileges section to create a new a user id with all access privileges.

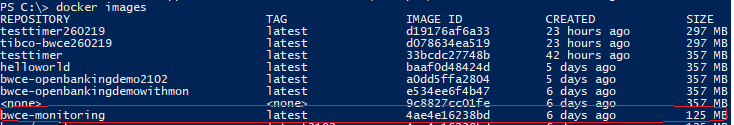
Navigate to the newly created DB , the Privileges -> Add user Account ( under New section ). Enter the username , password of your choice and make sure all privileges are checked as shown below.



1. Next proceed to download the bwce\_mon.zip from tibco’s edelivery website. Extract the bwce\_mon.zip
2. Go to extracted folder and build the bwce monitoring image using the following command.

docker build -t <<imagename:tag>> .

(e-g) docker build -t bwce-monitoring:latest .



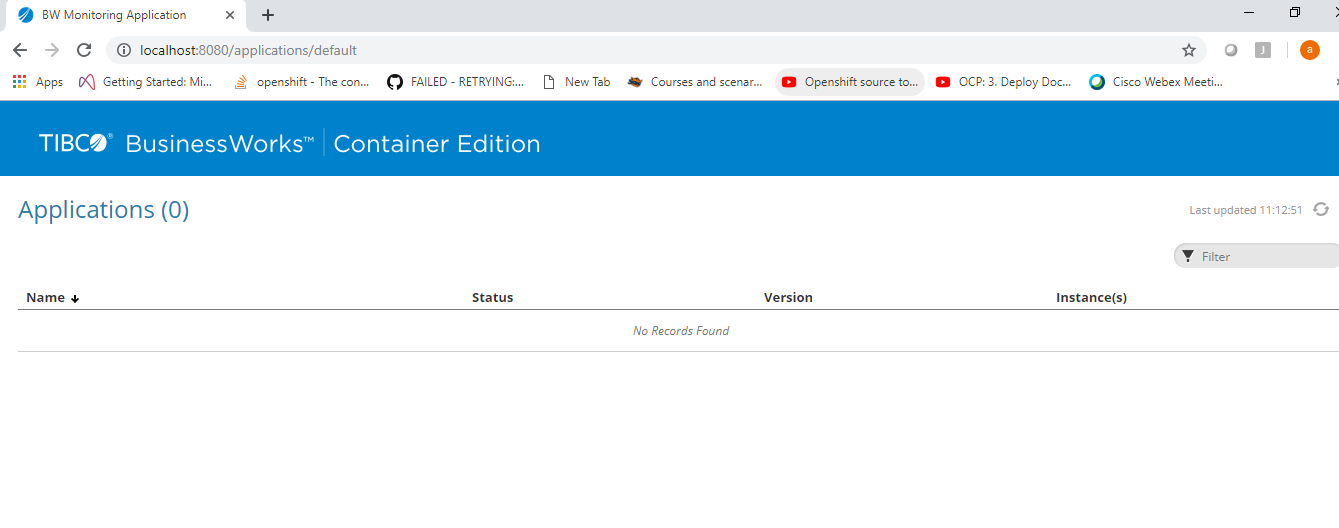
1. Next run the image using the below command,

docker run -p 8080:8080 -e PERSISTENCE\_TYPE="mysql" -e DB\_URL="mysql://<username:password>@<machine:port/database> --name <containerName> <monitoringImageName:tag>

(e-g) docker run -p 8080:8080 -e PERSISTENCE\_TYPE="mysql" -e DB\_URL="mysql://monadmin:monadmin@CHADEVLPW047:3306/bwcemon2102" --name bwce-monitoring2702 bwce-monitoring

1. Paste the below URL in the browser to see the Monitoring application homepage

<http://localhost:8080/>

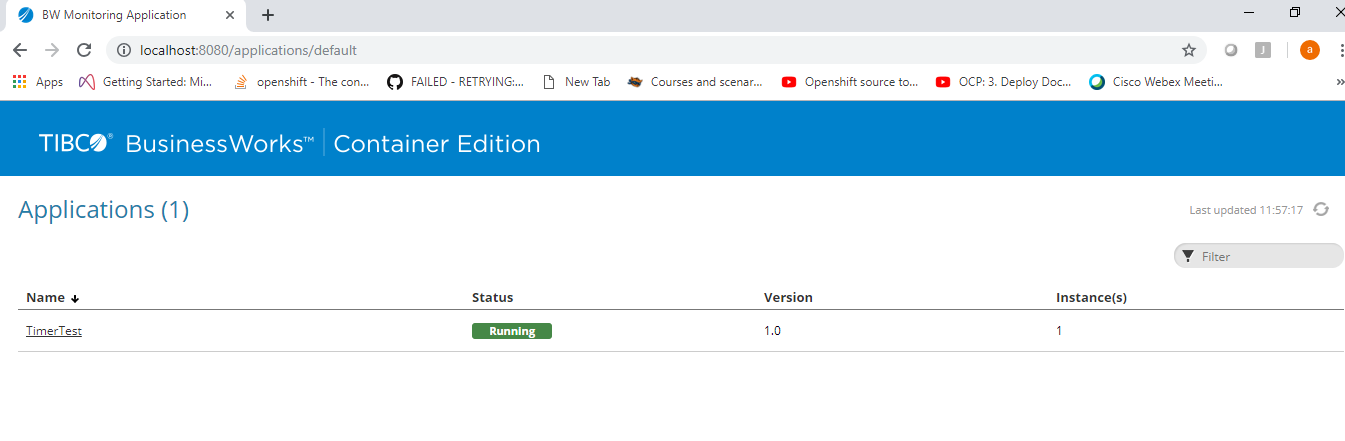


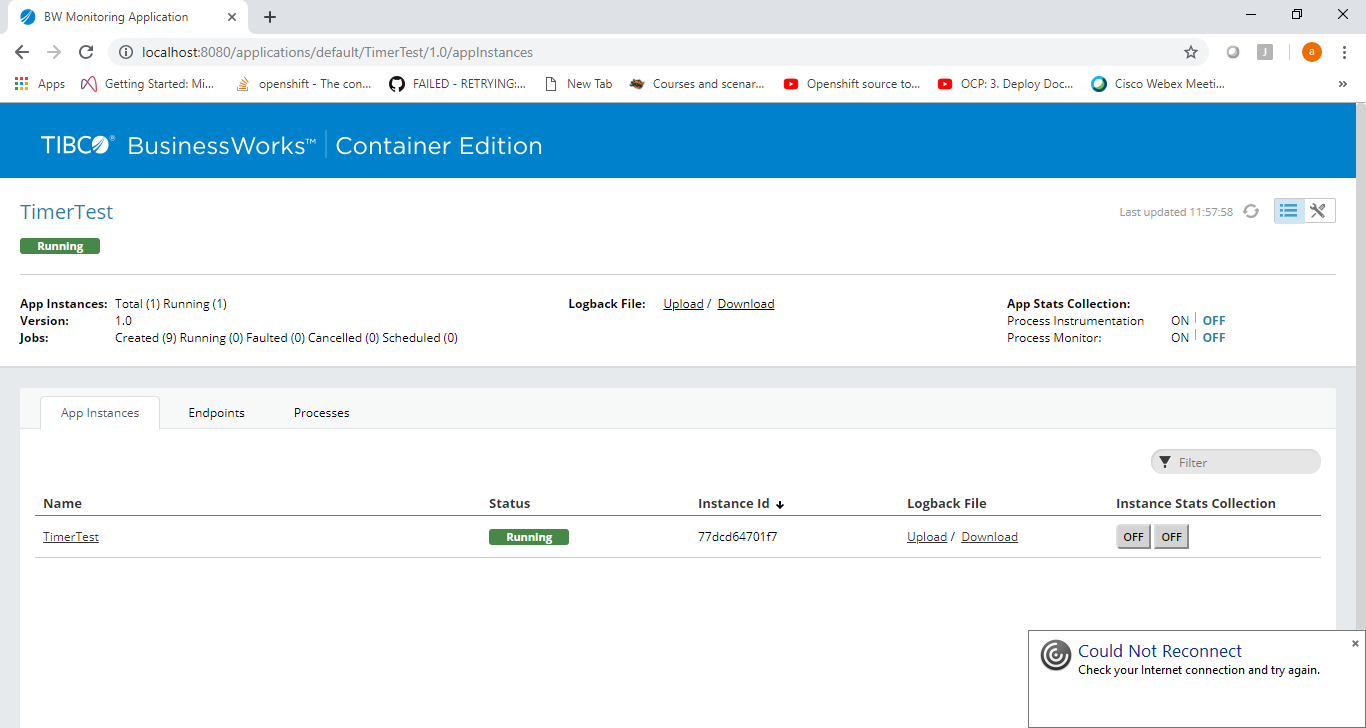
1. Use any of the existing images ( which was created with bwce base image version greater than 2.3.1 ) to register with the monitoring application. Use the below command to run the image.

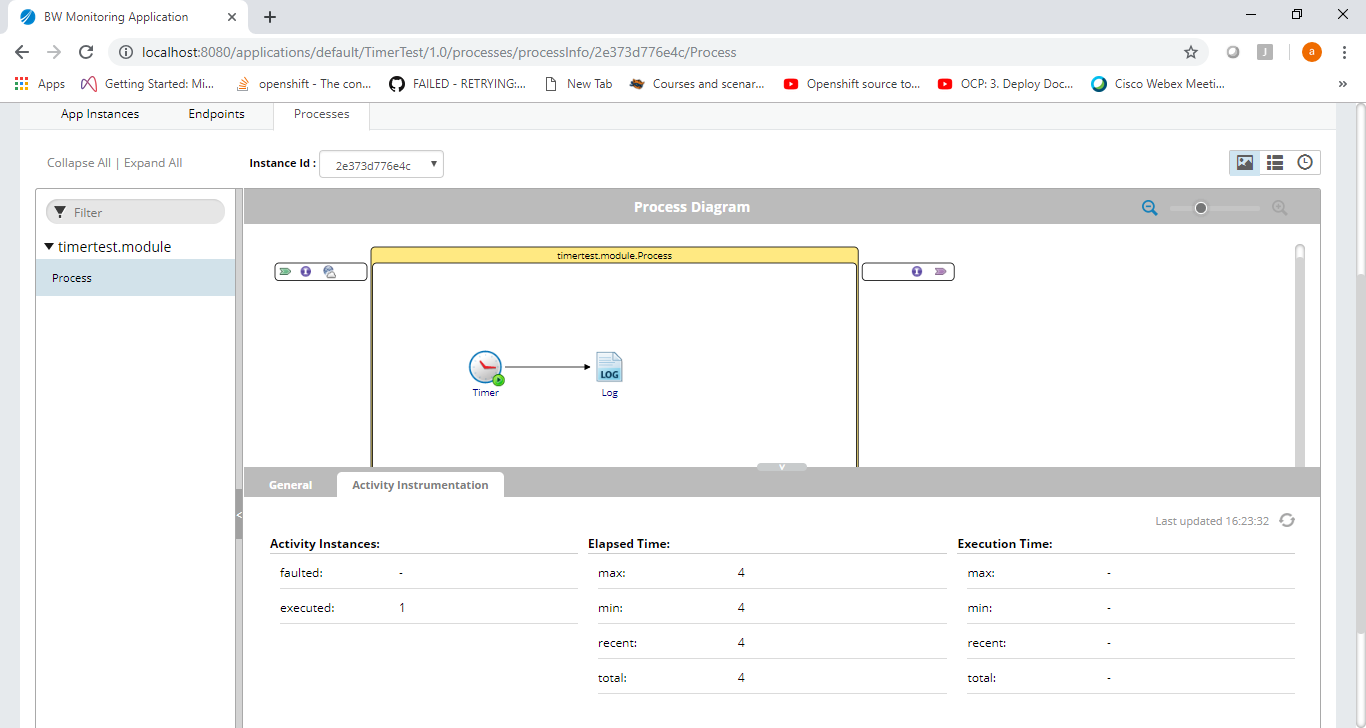
docker run -ti -e BW\_APP\_MONITORING\_CONFIG='{\"url\":\"http://<<mo:8080\"}' <<applicationImageName>>

(e-g) docker run -ti -e BW\_APP\_MONITORING\_CONFIG='{\"url\":\"http://172.17.0.2:8080\"}' testtimer260219

1. Once the test application is started , the Monitoring Web page should show the test application and its relevant details.







**Tables created in MySQL:**

