

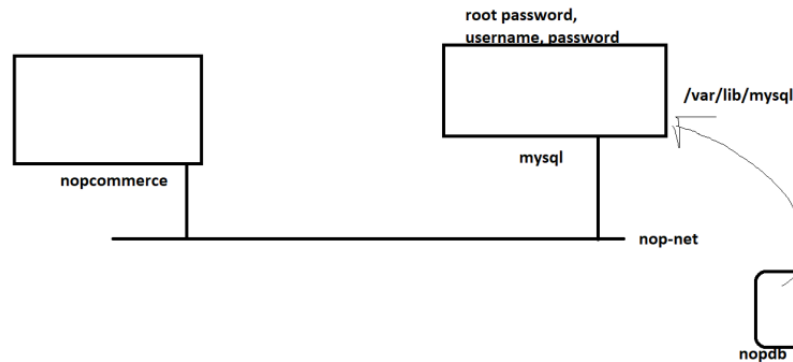


APRIL 21, 2023

DevOps Classroomnotes 21/Apr/2023

Activity

- Containerize nop commerce



- Run these using commands
- create a docker compose file
- lets create nop-net bridge network

```
docker network create --driver bridge nop-net
```

- Lets create a nop-db volume

```
docker volume create nop-db
```

- Lets start by creating mysql container

```
docker container run --name mysql --network nop-net -d \
-e MYSQL_ROOT_PASSWORD=rootroot \
-e MYSQL_USER=nop \
-e MYSQL_PASSWORD=rootroot \
-v nop-db:/var/lib/mysql \
mysql:8
```

- Now build the nop image using Dockerfile

```
FROM mcr.microsoft.com/dotnet/sdk:7.0
LABEL author="khaja" organization="qt" project="learning"
ARG user=nopcommerce
ARG group=nopcommerce
ARG uid=1000
ARG gid=1000
ARG DOWNLOAD_URL=https://github.com/nopSolutions/nopCommerce/releases/download/release-
ARG HOME_DIR=/nop
RUN apt update && apt install unzip -y
# Create user nopcommerce
RUN groupadd -g ${gid} ${group} \
    && useradd -d "${HOME_DIR}" -u ${uid} -g ${gid} -m -s /bin/bash ${user}
USER ${user}
WORKDIR ${HOME_DIR}
ADD --chown=${user}:${group} ${DOWNLOAD_URL} ${HOME_DIR}/nopCommerce_4.60.2_NoSource_1
RUN useradd -d "${HOME_DIR}/nopCommerce_4.60.2_NoSource_1" -u 1000 -g 1000
```

- Now run the nop container

```
docker container run --name nop --network nop-net \
  -P -d nop:4.60.2
```

- In the install page, pass connection string

```
server=mysql;uid=root;pwd=rootroot;database=nop
```

- Doing the same as above using compose file [Refer Here](#) for the changes

Leave a Reply

Enter your comment here...

This site uses Akismet to reduce spam. [Learn how your comment data is processed.](#)



About continuous learner

devops & cloud enthusiastic learner

[VIEW ALL POSTS](#)

◀ [PREVIOUS POST](#)

[Azure Classroomnotes 21/Apr/2023](#)

NEXT POST

[AWS Classroomnotes 21/Apr/2023](#)

POWERED BY [WORDPRESS.COM](#).