

Docker Project – IIEC RISE 1.0

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Topic :- Deployment of Nextcloud data storage and Mysql server and linking both to work parallelly.

About my project: -

Docker is latest technology which is used by many top leading compaines to decrease their workload. Docker is very lightweight and very fast takes few seconds to boot-up also provides many functionalites mostly for deployment and maintenance of live projects. I created project on Nextcloud cloud storage which is deployed on my local machine linked with mysql database running on top of RHEL 8.0. This project will help to upload and save data on Nextcloud and can be accessed by others present on same network. Here I have generated docker-compose.yml file which helps other to quickly setup same infrastructure same as on my local machine.

Steps to run project on your local machine :-

- 1) Install GNU/Linux based operating system , I am using RHEL 8.0 as base os.
- 2) Download and install Docker community edition on your local machine
- 3) Download docker-compose.yml file from my github projects link available below.
- 4) command:- “docker-compose up” run from same location where you have downloaded docker compose yml file.
- 5) After installation everything will be setup according to yml instructions.
- 6) open browser and visit → <http://localhost:8080> , (replace localhost with your local system ip).
- 7) On first run you have to signup with below credentials

username:- admin

password:- example

Now change database to Mysql/MariaDB

database name:- db

database host:- db

database password:- example

- 8) Now click finish. This will take few minutes to setup whole user.

- 9) Successfully deployed Nextcloud on your local machine.

Thanks to Mr. Vimal Daga sir and IIEC-RISE community for providing no-cost training to students under IIEC-Rise initiative on latest technologies which is required by current IT companies. Whole training is started from basic level to advance level and by completing whole live training classes I am capable to make this project with understanding its deep concept. At last Docker is great tool everyone should use once to understand its base concept.

PROJECT-LINK :- https://github.com/Divyansh747/Docker_Project_IIEC_RISE