

Docker Compose Up - Interview Preparation Guide

Q1: Docker Compose Up kya hota hai?

Ans: docker-compose up ek command hai jo multiple containers ko ek sath start karta hai using docker-compose.yml file. Real world example: Agar aapke paas ek web application hai jisme frontend, backend aur database (MySQL) hai, toh docker-compose up ek hi command me tino services ko run kar dega.

Q2: docker-compose up kaam kaise karta hai?

Ans: Ye docker-compose.yml file ko read karta hai. Phir images build karta hai (agar build defined ho), containers create karta hai, network banata hai aur sab services ko start kar deta hai.

Q3: docker-compose up aur docker run me kya difference hai?

Ans: docker run ek single container ko start karta hai. docker-compose up multiple containers ko ek sath manage karta hai. Interview me bol sakte ho: docker run is manual approach, docker-compose up is project based automated approach.

Q4: docker-compose up -d kya karta hai?

Ans: -d ka matlab detached mode. Isme containers background me run hote hain aur terminal free ho jata hai.

Q5: Real World Scenario Example batao.

Ans: Maan lo aap ek e-commerce website bana rahe ho. Usme: 1) Frontend (React) 2) Backend (Node.js) 3) Database (MongoDB) In tino ko alag alag run karna mushkil hoga. Agar docker-compose.yml me define kar diya, to bas ek command docker-compose up se pura project chal jayega.

Q6: docker-compose up kab use karte hain?

Ans: Jab project me multiple services ho. Microservices architecture me mostly use hota hai.

Q7: docker-compose down kya karta hai?

Ans: Ye running containers, networks aur volumes ko stop aur remove karta hai jo docker-compose up ne banaye the.
