

Docker Compose Interview Preparation (Hindi Explanation)

Q1: Docker Compose file me image dalte hi kya hota hai?

Answer: Jab aap docker-compose.yml file me 'image' specify karte ho, Docker sabse pehle check karta hai ki wo image local system me available hai ya nahi. Agar local me nahi milti, to Docker Docker Hub ya configured registry se us image ko pull karta hai. Fir us image se container create hota hai.

Q2: Image aur Container me kya difference hai?

Answer: Image ek blueprint hoti hai (jaise template), jabki container us image ka running instance hota hai. Image static hoti hai, container dynamic hota hai.

Q3: Agar image locally available ho to kya hoga?

Answer: Agar image already local machine me hai, to Docker usko dubara download nahi karega. Direct us image se container create karega, isse time bachta hai.

Q4: Docker Compose ka role kya hota hai?

Answer: Docker Compose multiple containers ko ek saath manage karne ke liye use hota hai. Jaise database, backend, frontend sabko ek hi file se define karke ek command se start kar sakte ho.

Q5: image aur build me kya difference hai Docker Compose me?

Answer: 'image' ka matlab hai already bani hui image use karna. 'build' ka matlab hai Dockerfile se nayi image banana aur fir container create karna.

Q6: Jab hum 'docker-compose up' run karte hai to kya process hota hai?

Answer: Step 1: Docker Compose file read karta hai. Step 2: Required images check karta hai. Step 3: Missing images pull karta hai. Step 4: Containers create karta hai. Step 5: Network aur volumes setup karta hai. Step 6: Containers start karta hai.