

Docker + WSL + Docker Desktop Discussion

(Interview Notes)

Q1: Kya Windows me Docker start karne se pehle WSL manually start karna zaroori hai?

Answer: Nahi. Agar Docker Desktop WSL2 backend ke saath configured hai, to Docker automatically WSL ko manage karta hai. Hume manually 'wsl -d Ubuntu' chalane ki zaroorat nahi hoti.

Q2: Agar Docker Desktop start nahi kiya aur 'wsl --status' run kiya to kya hoga?

Answer: Koi problem nahi hogi. 'wsl --status' sirf WSL configuration ka status check karta hai. Ye Docker Desktop par depend nahi karta.

Q3: 'wsl -d Ubuntu' command kya karti hai?

Answer: Ye Ubuntu distribution ko WSL ke andar open karti hai. Ye Docker engine ko start nahi karti.

Q4: Agar Docker Desktop band hai to kaunse Docker commands challenge?

Answer: Sirf client-level command jaise 'docker --version' chal sakta hai kyunki ye sirf Docker client version batata hai. Baaki container-related commands fail ho jayenge.

Q5: Agar Docker Desktop band ho aur 'docker ps' run kare to kya hoga?

Answer: Error aayega ki Docker daemon running nahi hai. Kyunki Docker engine background me start nahi hua hota.

Q6: Docker ke main components kya hote hain?

Answer: Docker do major parts me hota hai: (1) Docker Client - jo commands accept karta hai, (2) Docker Daemon (Engine) - jo containers ko run karta hai. Agar daemon run nahi karega to containers related commands fail ho jayenge.