

Docker Interview Questions

1. What is Docker?
2. What is the difference between Docker image and Docker container?
3. How will you remove an image from Docker?
4. How is a Docker container different from a virtual machine?
5. Explain basic Docker usage workflow?
6. What is the most popular use of Docker?
7. What is a Docker Image?
8. What is a Docker Container?
9. Can we lose our data when a Docker Container exits?
10. How do you make sure our data exists even though you deleted container?
11. How can you do a Volume Mapping?
12. Can I do a Read-only Mapping?
13. How to mount files from physical server to docker container?
14. Can we run more than one process in a Docker container?
15. What is Docker Hub?
16. What are the main features of Docker Hub?
17. How can we check the status of a Container in Docker?
18. What is the difference between `docker ps` and `docker ps -a` commands?
19. How do you login to the running container?
20. What are the various states that a Docker container can be in at any given point in time?

21. What are the main benefits of using Docker?
22. What are the popular tasks that you can do with Docker Command line tool?
23. What is the user of Dockerfile?
24. What is the difference between Add and Copy command in a Dockerfile?
25. What is the difference between RUN and CMD command in a Dockerfile?
26. What is Docker Entrypoint?
27. What is the difference between CMD and ENTRYPOINT command in a Dockerfile?
28. What is Build cache in Docker?
29. What are the most common instructions in Dockerfile?
30. What is the purpose of EXPOSE command in Dockerfile?
- 30b. Explain Dockerfile best practices in Landmark
31. Which kind of network you are using in docker?
32. What is Overlay network in Docker swarm?
33. What are the main features of Docker-compose?
34. How can we control the start-up order of services in Docker compose?
35. How will you customize Docker compose file for different environments?
36. Which version of docker compose you have used?
37. In compose file what is the difference between Links and depends on?
38. How to get docker container logs?
39. What is Docker Swarm?
40. What are the features of Docker Swarm?