

Docker Interview Questions

1. What is Docker?
2. Why and when to use Docker?
3. What are the disadvantages of using docker?
4. What is the basic architecture behind Docker?
5. Explain the Docker architecture.
6. Explain the terminology: Docker Compose, Docker File, Docker Image, Docker Container?
7. Can you tell the difference between Docker and Hypervisor?
8. What is the difference between an Image, a Container, and an Engine?
9. What is a Docker namespace?
10. What is a Docker registry?
11. What is the difference between the Docker command COPY vs ADD?
12. What is the Difference between the Docker command CMD vs RUN?
13. What is an ENTRYPOINT?
14. How is ENTRYPOINT different from the CMD command of Docker?
15. Why do we use EXPOSE in the docker file?
16. How Will you reduce the size of the Docker image?
17. In what real scenarios have you used Docker?
18. How to implement CI/CD in Docker?
19. What is the lifecycle of a docker container?
20. Will data on the container be lost when the docker container exits?
21. If so, how do you preserve data when the container exits?
22. How do you view running containers?
23. What is the command to run the container under a specific name?
24. How do you save a docker?
25. How do you create a docker container based on an existing container?
26. What is the command to import an already existing docker image?
27. What is the command to delete a container?
28. What is the command to remove all stopped containers, unused networks, build caches, and dangling images?
29. How can you monitor Docker containers and collect metrics for performance analysis?
30. How do you share Docker images with others?
31. How do you remove a docker image and docker volume?
32. How do you link multiple Docker containers together?
33. Explain the purpose of Docker Compose. How is it used?
34. Can we use JSON instead of YAML while developing a docker-compose file in Docker?
35. What features are provided by Docker Enterprise Edition instead of Docker Community Edition?
36. What are the best security practices when working with Docker?