



DOCKER INTERVIEW QUESTIONS

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Docker Interview Questions

1. What is Docker?

Ans)

2. What is the difference between Docker image and Docker container?

Ans)

3. How will you remove an image from Docker?

Ans)

4. How is a Docker container different from a virtual machine?

Ans)

5. Explain basic Docker usage workflow?

Ans)

6. What is the most popular use of Docker?

Ans)

7. What is a Docker Image?

Ans)

8. What is a Docker Container?

Ans)

9. Can we lose our data when a Docker Container exits?

Ans)

10. How do you make sure our data exists even though you deleted container?

Ans)

11. How can you do a Volume Mapping?

Ans)

12. Can I do a Read-only Mapping?

Ans)

13. How to mount files from physical server to docker container?

Ans)

14. Can we run more than one process in a Docker container?

Ans)

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15. What is Docker Hub?

Ans)

16. What are the main features of Docker Hub?

Ans)

17. How can we check the status of a Container in Docker?

Ans)

18. What is the difference between docker ps and dockerps-a commands?

Ans)

19. How do you login to the running container?

Ans)

20. What are the various states that a Docker container can be in at any given point in time?

Ans)

21. What are the main benefits of using Docker?

Ans)

22. What are the popular tasks that you can do with Docker Command line tool?

Ans)

23. What is the user of Dockerfile?

Ans)

24. What is the difference between Add and Copy command in a Dockerfile?

Ans)

25. What is the difference between RUN and CMD command in a Dockerfile?

Ans)

26. What is Docker Entrypoint?

Ans)

27. What is the difference between CMD and ENTRYPOINT command in a Dockerfile?

Ans)

28. What is Build cache in Docker?

Ans)

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29. What are the most common instructions in Dockerfile?

Ans)

30. What is the purpose of EXPOSE command in Dockerfile?

Ans)

31. Which kind of network you are using in docker?

Ans)

32. What is Overlay network in Docker swarm?

Ans)

33. What are the main features of Docker-compose?

Ans)

34. How can we control the start-up order of services in Docker compose?

Ans)

35. How will you customize Docker compose file for different environments?

Ans)

36. Which version of docker compose you have used?

Ans)

37. In compose file what is the difference between Links and depends on?

Ans)

38. How to get docker container logs?

Ans)

39. What is Docker Swarm?

Ans)

40. What are the features of Docker Swarm?

Ans)

41. Command to remove all unused 'volumes' from Docker?

Ans)

42. Can the docker memory be increased? if yes can it done without down time?

43. Where do you set the 'http proxy' for Docker in linux with systemd?

Ans)

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44. Write a Docker file for running the tomcat service from centos image as root user with port 8080?

Ans)

45. What is the use of 'Docker wait'?

Ans)

46. What is your roles & responsibilities in Docker?

Ans)

47. What is Docker compose?

Ans)

48. What is Docker server version?

Ans)

49. What are the advantages of Docker?

Ans)

50. How do create Docker image from Docker file?

Ans)

51. What is Docker data centre?

Ans)

52. What is Docker hub & uses?

Ans)

53. What are the types of Docker networks?

Ans)

54. How do you define network in the Docker compose file?

Ans)

55. What are the basic parameters required in the Docker compose file?

Ans)

56. What is overlay networking?

Ans)

57. How to communicate between 2 containers present in separate network?

Ans)

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58. How to store the data present in the Docker container in the AWS?

Ans)

59. If we define the Docker volume in the docker compose file is it possible to share data with the EFS, NFS?

Ans)

60. Difference between image and container?

Ans)

61. How to Run containers?

Ans)

62. Why we need to mention dual ports(8080:8080) in docker run command?

Ans)

63. How to write a docker file to deploy a war file

i. We have private repository and don't have base images .how can deploy a war file?

ii. Write a simple docker file to deploy a war file by using base images?

Ans)

64. Difference between docker compose and docker swarm?

Ans)

65. Why we need to use docker compose?

Ans)

66. Tell me about Docker Network?

Ans)

67. Explain about name space in docker.

Ans)

68. What is docker why we are using docker difference between vm?

Ans)

69. What is docker cloud & how it is different from docker hub what is the features over docker hub ?

Ans)

70. What is docker compose ?

Ans)

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71. How you will link when the docker containers is in different virtual machine is there any configuration in docker compose file are any command or any variable?

Ans)

72. What is the difference between docker cloud and docker swarm?

Ans)

Reference Links

Docker Commands

<https://mithuntechnologies-devops.blogspot.com/2020/07/docker-commands-mithun-technologies.html>

Docker Installation Linux (Ubuntu, Amazon Linux and RedHat)

<https://mithuntechnologies-devops.blogspot.com/2020/01/install-docker-in-ubuntu-server-mithun.html>