Akshat Gupta Docker Interview Questions

**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 commands in a Dockerfile? Ans)**

**28. What is Build cache in Docker?**

**Ans)**

**29. What are the most common instructions in Dockerfile?**

**Ans)**

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**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)**

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