Oranium Tech
SOFTWARE TRAINING & PLACEMENTS

TOP
DOCKER COMMANDS

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1. `docker run <image>`: Creates a new container and starts it using the specified image.

2. `docker start <name|id>`: Starts an existing Docker container.

3. `docker stop <name|id>`: Stops a running Docker container.

4. `docker ps`: Lists all running Docker containers.

5. `docker ps -a`: Lists all Docker containers, both running and stopped.

6. `docker rm <name|id>`: Removes a Docker container. Use `-f` to force removal.

7. `docker images`: Lists all Docker images stored locally.

8. `docker rmi <image>`: Removes a Docker image from local storage.

9. `docker pull <image>`: Pulls an image from a Docker registry and saves it to local storage.

10. `docker push <image>`: Pushes an image to a Docker registry.

11. `docker build -t <tag> <Dockerfile>`: Builds an image from a Dockerfile with a specific tag.

12. `docker login`: Logs in to a Docker registry (Docker Hub by default).

13. `docker logout`: Logs out from the current Docker registry.

14. `docker exec -it <container> <command>`: Executes a command in a running container.

15. `docker inspect <object>`: Returns low-level information on Docker objects (like containers, images, etc.).

16. `docker cp <container>:<path> <host_path>`: Copies files/folders between a container and the local filesystem.

17. `docker volume create <volume>`: Creates a volume for persistent data storage.

18. `docker volume ls`: Lists all volumes in Docker.

19. `docker volume rm <volume>`: Removes a Docker volume.

20. `docker network create <network>`: Creates a network in Docker.

21. `docker network ls`: Lists all networks in Docker.

22. `docker network rm <network>`: Removes a Docker network.

23. `docker network connect <network> <container>`: Connects a Docker container to a network.

24. `docker network disconnect <network> <container>`: Disconnects a Docker container from a network.

25. `docker-compose up`: Deploys a Docker environment defined in a docker-compose.yml file.

26. `docker-compose down`: Stops and removes containers, networks, volumes, and images defined in a docker-compose.yml file.

27. `docker-compose build`: Builds/rebuilds services in a docker-compose.yml file.

28. `docker-compose pull`: Pulls service images in a docker-compose.yml file.

29. `docker-compose push`: Pushes service images in a docker-compose.yml file.

30. `docker-compose logs <service>`: Displays log output from services.