

week-5 Assignment

1. what is virtualisation?
2. what is a hypervisor?
3. what is containerization?
4. what is container engine?
5. what is docker client?
6. what is CMD and Entrypoint in docker file?
7. how many entrypoints you can mention in a docker file?
8. what is add, copy and run in docker-file?
9. how can you pass parameters to a docker file?
10. how can you pass command line arguments to a docker file?
11. command to see logs a container?
12. command to see all the running containers?
13. command to see all the containers?
14. command to login a container?
15. command to see statistics a container?
16. how to pause a container?
17. what is docker daemon?
18. what is docker swarm?
19. what is orchestration? —> virtualisation / containerisation / orchestration
20. what is kubernetes?
21. what is volume in docker?
22. does docker has autoscaling option , self healing options?
23. what is package manager in ubuntu , centos , windows, redhat ?

24. how can see all the running process on your linux machine/ container?
25. how can see all the running ports on your linux machine/ container?
26. how can check port is available to use or not in linux machine / container
27. what is container port ?
28. how can you check a particular application is running?
29. what is ps linux command?
30. what can you change the file/ directory permissions?

d rwx rwx rwx

1. r —> read. —> 4. —> chmod 004 123.txt
2. w —> write —> 2. —> chmod 777 123.txt
3. x —> execute —>1. —> chmod 147 123
- 4.