Day 70

DIY

DIY Questions:

1.Which of the following is not a container state?

a)Created

b)Running

c)Resumed

d)Stopped

Solution:

**c) Resumed**

2.Which of the following is a component of docker architecture?

a)docker daemon

b)docker client

c)docker registry

d)All ofthe above

solution:

**d)All ofthe above**

3.Which of the following statements is not true?

a)Docker works in client-server architecture

b)Docker Daemon sends the command to the Docker client via rest API

c)Docker Daemon is responsible for creating and running containers

d)Docker Daemon and client can be on the same system and can be on the remote system

Solution:

**b)Docker Daemon sends the command to the Docker client via rest API**

4.Which of the following is the default docker logging driver?

a)json-files

b)fluentd

c)journalctl

d)None of the above

Solution:

**a)json-files**

5.Which of the following is not managed by Docker Daemon?

a)images

b)networks

c)volumes

d)None of the above

Solutions:

**d)None of the above**

6.Which of the following is a runtime of Docker Engine?a)docker-compose pluginb)containerdc)criod)runc

solutions:

**d)runc**

7.Is it true that we can only run one process per container?

(selectwhich sentences are true)

a)We cannot execute more than one process per container. This is a limitation.

b)We can run more than one process per container, but it is not recommended.

c)We will only run one process per container to follow microservices logic.

d)All of the above sentences are false

solutions:

**b)We can run more than one process per container, but it is not recommended.**

8.What is the difference between Docker and Docker engine?

Certainly, here are the key points in a concise format:

Soltions:

Docker:

- Platform for developing, shipping, and running applications in containers.

- Provides a complete containerization ecosystem.

Docker Engine:

- Core component of Docker.

- Responsible for container management.

- Comprises two main parts: Docker Daemon and Docker Client.

Key Takeaways:

- Docker is the broader platform.

- Docker Engine is the specific software for container management.

- Docker Engine includes Daemon (manages containers, images, etc.) and Client (interacts with Daemon).

- Docker Engine powers Docker's containerization capabilities.