

Question: 1

Which of the following commands will automatically create a volume when a container is started?

- A. 'docker container run --name nginxtest --volumes=/app nginx'
- B. 'docker container run --name nginxtest -v /app:mount nginx'
- C. 'docker container run --name nginxtest --volumes myvol:/app:new nginx'
- D. 'docker container run --name nginxtest -v myvol:/app nginx'

Answer: A

Question: 2

Which one of the following commands will show a list of volumes for a specific container?

- A. 'docker container logs nginx --volumes'
- B. 'docker container inspect nginx'
- C. 'docker volume inspect nginx'
- D. 'docker volume logs nginx --containers'

Answer: B

Question: 3

Which of the following constitutes a production-ready devicemapper configuration for the Docker engine?

- A. Create a volume group in devicemapper and utilize the '--dm.thinpooldev' Docker daemon option, specifying the volume group
- B. Format a partition with xfs and mount it at '/var/lib/docker'
- C. Utilize the '--storage-opt dm.directlvm_device' Docker daemon option, specifying a block device
- D. Nothing, devicemapper comes ready for production usage out of the box

Answer: C

Question: 4

Which one of the following commands will result in the volume being removed automatically once the container

has exited?

- A. 'docker run --del -v /foo busybox'
- B. 'docker run --read-only -v /foo busybox'
- C. 'docker run --rm -v /foo busybox'
- D. 'docker run --remove -v /foo busybox'

Answer: C

Question: 5

A container named "analytics" that stores results in a volume called "data" was created.

```
docker run -d --name=analytics -v data:/data app1
```

How are the results accessed in "data" with another container called "app2"?

- A. docker run -d --name=reports --volume=data app2
- B. docker run -d --name=reports --volumes-from=analytics app2
- C. docker run -d --name=reports --volume=app1 app2
- D. docker run -d --name=reports --mount=app1 app2

Answer: B

Question: 6

A server is running low on disk space. What command can be used to check the disk usage of images, containers, and volumes for Docker engine?

- A. 'docker system df'
- B. 'docker system prune'
- C. 'docker system free'
- D. 'docker system ps'

Answer: A

Question: 7

Which of the following are types of namespaces used by Docker to provide isolation? (Choose 2.)

- A. Host
- B. Network
- C. Process ID
- D. Authentication

E. Storage

Answer: BC

Question: 8

Which of the following namespaces is disabled by default and must be enabled at Docker engine runtime in order to be used?

- A. user
- B. pid
- C. net
- D. mnt

Answer: A

Question: 9

Which of the following statements is true about secrets?

- A. Secrets can be created from any node in the cluster.
- B. Secrets can be modified after they are created.
- C. Secret are stored unencrypted on manager nodes.
- D. Secrets can be created using standard input (STDIN) and a file.

Answer: D

Question: 10

Following the principle of least privilege, which of the following methods can be used to securely grant access to the specific user to communicate to a Docker engine? (Choose two.)

- A. Utilize the '--host 0.0.0.0:2375' option to the Docker daemon to listen on port 2375 over TCP on all interfaces
- B. Utilize openssl to create TLS client and server certificates, configuring the Docker engine to use with mutual TLS over TCP.
- C. Utilize the '--host 127.0.0.1:2375' option to the Docker daemon to listen on port 2375 over TCP on localhost
- D. Give the user root access to the server to allow them to run Docker commands as root.
- E. Add the user to the 'docker' group on the server or specify the group with the '--group' Docker daemon option.

Answer: BE