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QUESTION 1

What is the difference between a resource limit and a resource reservation when scheduling services?

- A. A resource limit and a resource reservation can be used interchangeably.
- B. A resource limit is a soft limit for your service, while a reservation is hard limit and the docker engine will do its best to keep your service at the limit.
- C. A resource limit is used to find a host with adequate resources for scheduling a hard limit for your service, while a reservation is hard limit for your service.
- D. A resource limit is hard limit for your service, while a reservation is used to find a host with adequate resources for scheduling. Correct

Correct Answer: A

QUESTION 2

If installing Docker using devicemapper for storage with the Intent to run production workloads, how should devicemapper be configured

- A. direct-lvm
- B. loop-lvm
- C. overlay-lvm
- D. aufs-lvm

Correct Answer: A

QUESTION 3

What is the docker command to find the current logging driver for a running container?

- A. docker stats
- B. docker info
- C. docker config
- D. docker inspect

Correct Answer: D

QUESTION 4

Which of the following modes can be used for service discovery of a Docker swarm service (Pick 2 correct answers)

- A. Virtual IP (VIP) with --endpoint-mode vip
- B. Overlay with --endpoint-mode overlay
- C. DNS Round-Robin with --endpoint-mode dnsrr
- D. Ingress with --endpoint-mode ingress
- E. Network Address Translation(NAT) with --endpoint-mode nat

Correct Answer: AC

QUESTION 5

From a DevOps process standpoint, it is best practice to keep changes to an application in version control. Which of the following will allow changes to a docker Image to be stored in a version control system?

- A. docker commit
- B. docker save
- C. A docker-compose.yml file
- D. A dockerfile

Correct Answer: A

QUESTION 6

Is this a function of UCP?

Solution: scans images to detect any security vulnerability

- A. Yes
- B. No

Correct Answer: B

QUESTION 7

Will this command list all nodes in a swarm cluster from the command line? Solution: `docker node ls`

- A. Yes
- B. No

Correct Answer: B

QUESTION 8

Can this set of commands identify the published port(s) for a container? Solution: docker container inspect\, \docker port\

- A. Yes
- B. No

Correct Answer: A

QUESTION 9

Which \docker run\ flag lifts cgroup limitations?

- A. \docker run --isolation\
- B. \docker run --cap-drop\
- C. \docker run --privileged\
- D. \docker run --cpu-period\

Correct Answer: C

QUESTION 10

When using the Docker client to push an image to a registry, what environment variable is used to instruct the client to perform signing of the image?

- A. DOCKER_CONTENT_TRUST=1
- B. DOCKER_IMAGE_SIGN=1
- C. DOCKER_PUSH_SIGN=1
- D. NOTARY_ENABLE=1

Correct Answer: A

QUESTION 11

A service \wordpress\ is running using a password string to connect to a non-Dockerized database service. The password string is passed into the \wordpress\ service as a Docker secret. Per security policy, the password on the database was changed. Identify the correct sequence of steps to rotate the secret from the old password to the new password.

- A. Create a new docker secret with the new password. Trigger a rolling secret update by using the \docker secret update\ command
- B. Trigger an update to the service by using \docker service update --secret=\

C. Create a new docker secret with the new password. Remove the existing service using `docker service rm`. Start a new service with the new secret using `--secret=`

D. Create a new docker secret with a new password. Trigger a rolling update of the "wordpress" service, by using `--secret-rm` and `--secret-add` to remove the old secret and add the updated secret.

Correct Answer: D

QUESTION 12

You set up an automatic pruning policy on a DTR repository to prune all images using Apache licenses. What effect does this have on images in this repository?

A. Matching images are untagged once they are older than the pruning threshold set in the repository's Settings tab.

B. Matching Images are untagged during the next prune job.

C. Matching images are deleted during the next prune Job.

D. Matching images are untagged during the next prune job, and subsequently deleted once they are older than the pruning threshold set in the repository's Settings tab.

Correct Answer: A

QUESTION 13

What behavior is expected when a service is created with the following command: `docker service create --publish 8000:80 nginx`

A. All nodes in the cluster will listen on port 8080 and forward to port 80 in the container.

B. Only a single node in the cluster will listen on port 8080 and forward to port 80 in the container.

C. All nodes in the cluster will listen on port 80 and forward to port 8080 in the container.

D. Only a single node in the cluster will listen on port 80 and forward to port 8080 in the container.

Correct Answer: A

QUESTION 14

The following Docker Compose file is deployed as a stack: Is this statement correct about this health check definition?

```
version: '3.1'
services:
  app:
    image: app:1.0
    healthcheck:
      test: "curl --fail http://localhost/health || exit 1"
      interval: 10s
      timeout: 5s
      retries: 3
```

Solution: Health checks test for app health ten seconds apart. Three failed health checks transition the container into "unhealthy" status.

A. Yes

B. No

Correct Answer: A

QUESTION 15

Is this the purpose of Docker Content Trust?

Solution: Enable mutual TLS between the Docker client and server.

A. Yes

B. No

Correct Answer: B

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