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**QUESTION 1**

Will this sequence of steps completely delete an image from disk in the Docker Trusted Registry? Solution: Delete the image and delete the image repository from Docker Trusted Registry

A. Yes

B. No

Correct Answer: B

Deleting the image and deleting the image repository from Docker Trusted Registry (DTR) does not completely delete an image from disk in DTR. Deleting an image only removes its tag and association with a repository, but does not delete its underlying layers from disk. Deleting a repository only removes its metadata and tags, but does not delete its underlying layers from disk either. To completely delete an image from disk in DTR, you need to run a garbage collection job after deleting the image or the repository. A garbage collection job scans the DTR storage and removes any unused layers that are not referenced by any images or repositories.

QUESTION 2

Which of the following is supported by control groups?

A. Manage certificates

B. Collect net

C. Limit CPU usage within a container

D. Isolate processes in a container

Correct Answer: C

QUESTION 3

Which of the following commands is used to display system-wide Docker configuration on a host?

A. docker info

B. docker status

C. docker inspect

D. docker system

Correct Answer: A

QUESTION 4

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

Correct Answer: C

QUESTION 5

Is this a supported user authentication method for Universal Control Plane? Solution: x.500

- A. Yes
- B. No

Correct Answer: B

x.500 is not a supported user authentication method for Universal Control Plane (UCP). x.500 is a series of standards for directory services that define how distributed directory information can be accessed and managed over a network. x.500 is not an external authentication backend that UCP supports. UCP supports LDAP, Active Directory, and SAML as external authentication backends.

QUESTION 6

Is this a way to configure the Docker engine to use a registry without a trusted TLS certificate?

Solution: Set `INSECURE_REGISTRY` in the `/etc/docker/default` configuration file.

- A. Yes
- B. No

Correct Answer: A

Setting `INSECURE_REGISTRY` in the `/etc/docker/default` configuration file is a way to configure the Docker engine to use a registry without a trusted TLS certificate. The `INSECURE_REGISTRY` option allows you to specify one or more registries that do not have valid TLS certificates or use HTTP instead of HTTPS. This option bypasses the TLS verification for these registries and allows Docker to pull and push images from them without errors. However, this option is not recommended for production use as it exposes your registry communication to potential security risks.

QUESTION 7

You want to mount external storage to a particular filesystem path in a container in a Kubernetes pod. What is the correct set of objects to use for this?

- A. a volume in the pod specification, populated with a `persistentVolumeClaim` bound to a `persistentVolume` defined by a `storageClass`



B. a storageClass In the pod\\'s specification, populated with a volume which Is bound to a provisioner defined by a persistentVolume

C. a volume in the pod specification, populated with a storageClass which is bound to a provisioner defined by a perslstantVolume

D. a perslstantVolume in the pod specification, populated with a persistentVolumeClaim which is bound to a volume defined by a storageClass

Correct Answer: B

QUESTION 8

A docker service '\\web\\' is running with a scale factor of 1 (replicas = 1).

Bob intends to use the command '\\docker service update --replicas=3 web\\'.

Alice intends to use the command '\\docker service scale web=3\\'.

How do the outcomes of these two commands differ?

A. Bob\\'s command results in an error. Alice\\'s command updates the number of replicas of the '\\web\\' service to 3.

B. Bob\\'s command only updates the service definition, but no new replicas are started. Alice\\'s command results in the actual scaling up of the '\\web\\' service.

C. Bob\\'s command updates the number of replicas of the '\\web\\' service to 3. Alice\\'s command results in an error.

D. Both Bob\\'s and Alice\\'s commands result in exactly the same outcome, which is 3 instances of the '\\web\\' service.

Correct Answer: D

QUESTION 9

Your organization has a centralized logging solution, such as Splunk.

Will this configure a Docker container to export container logs to the logging solution?

Solution: docker system events --filter splunk

A. Yes

B. No

Correct Answer: B

This does not configure a Docker container to export container logs to the logging solution. The docker system events command shows information about real-time events in the Docker daemon. The --filter flag allows you to filter the output by various criteria, such as type, action, image, container, etc. However, splunk is not a valid filter value and will cause an error. To configure a Docker container to export container logs to the logging solution, you need to use the --log-driver and --log-opt flags when creating or running the container. These flags allow you to specify which logging driver and options to use for the container. For example, to use Splunk as the logging driver, you can use --log-driver splunk and provide the Splunk URL, token, and other options using --log-opt.

**QUESTION 10**

Which of the following is true about using the `--P` option when creating a new container?

- A. Docker binds each exposed container port to a random port on all the host's interface
- B. Docker gives extended privileges to the container.
- C. Docker binds each exposed container port to a random port on a specified host interface
- D. Docker binds each exposed container port with the same port on the host

Correct Answer: A

QUESTION 11

Is this statement correct?

Solution: A Dockerfile provides instructions for building a Docker image

- A. Yes
- B. No

Correct Answer: A

This statement is correct. A Dockerfile provides instructions for building a Docker image. A Dockerfile is a text document that contains all the commands a user could call on the command line to assemble an image. Using `docker build`, you can create an automated build that executes several command-line instructions in succession.

QUESTION 12

A user is having problems running Docker. Which of the following will start Docker in debug mode?

- A. Set the debug key to true in the `daemon.json` file.
- B. Start the `dockerd` process manually with the `--logging` flag set to debug
- C. Set the logging key to debug in the `daemon.json` file.
- D. Start the `dockerd` process manually with the `--raw-logs` flag set to debug

Correct Answer: A

QUESTION 13

The output of which command can be used to find the architecture and operating system an image is compatible with?

- A. `docker image inspect --filter {{.Architecture}} {{.OS}}`



- B. docker image ls
- C. docker image inspect --format '{{.Architecture}} {{.OS}} \\\'
- D. docker image info

Correct Answer: C

QUESTION 14

Will this command display a list of volumes for a specific container? Solution: docker container logs nginx --volumes\\'

- A. Yes
- B. No

Correct Answer: B

Using docker container logs nginx --volumes does not display a list of volumes for a specific container. The docker container logs command shows information about the logs of a container. The --volumes flag is not a valid option for this command and will cause an error. To display a list of volumes for a specific container, you need to use docker container inspect nginx --format '{{.Mounts}}\\'.

QUESTION 15

Is this a function of UCP?

Solution: scans images to detect any security vulnerability

- A. Yes
- B. No

Correct Answer: B

Scanning images to detect any security vulnerability is not a function of UCP. UCP stands for Universal Control Plane, which is a web-based user interface for managing Docker Enterprise clusters and applications. UCP does not provide image scanning capabilities, but it integrates with Docker Trusted Registry (DTR), which does offer image scanning as part of its security features.

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