Question 1:

What is the command used to convert a container into an image?

docker push

0 votes

docker commit

8 votes

docker run

1 votes

docker diff

0 votes

Question 2:

Which of the following is NOT a valid docker command for images?

pause

7 votes

rmi

0 votes

commit

0 votes

build

0 votes

Question 3:

In what format are Docker images identified?

32 decimal digit string

0 votes

None

0 votes

128 binary digit string

2 votes

64 hexadecimal digit string

3 votes

Question 4:

Choose the most correct statement to describe the Docker Registry in the Docker Workflow.

The Docker Registry is a Image/Container version control system similar to version control for application source code

1 votes

The Docker Registry is the Docker engine for the container

0 votes

The Docker registry is the store for your Docker Containers

1 votes

Docker Hub is just another name for a Docker Registry

3 votes

Question 5

A fast way to remove dangling image using the following command?

$ dockerrmd -f $(docker images -q -a -d dangling=true)

0 votes

$ dockerrmr -f $(docker images -q -a -r dangling=true)

0 votes

$ dockerrmi -f $(docker images -q -a -f dangling=true)

6 votes

$ dockerrmi -f $(docker images -q +a -f dangling=1)

0 votes

Question 6

Choose the correct statement

The command 'dockerrmi' removes an image

5 votes

The command 'docker save' saves a container

0 votes

The command 'docker load' loads a container

0 votes

The command 'docker images' creates images

0 votes

Question 7:

Signed manifests include an image manifest and a list of signatures generated by libtrust. A signature consists of the following fields?

**Note: There may be more than one right answer.**

None of the above

0 votes

protected

2 votes

header

3 votes

signature

2 votes

Question 8:

Which statement correctly describes a dockerimage.

A docker image is just an operating system

0 votes

An image is a read only layer used to build a container. They do not change

1 votes

A docker image allows you to write the applications resources to the file-system in layers.

0 votes

A docker image is a self contained runtime environment

3 votes

Question 9:

The Docker zfs storage driver makes extensive use of following ZFS datasets?

**Note: There may be more than one right answer.**

None of the above

1 votes

filesystems

3 votes

clones

3 votes

snapshots

3 votes

Question 10:

Choose the most correct statement to describe the Docker Hub in the Docker Workflow

Docker Hub is the store for your Dockerfiles

0 votes

Docker Hub provides both public and private storage for images, where images can be searched for and can be downloaded.

3 votes

Docker Hub is the store for your Docker images

0 votes

Docker Hub is a Container Management System

0 votes

Question 11:

The command to list all currently available images is?

None

0 votes

dockerps

0 votes

docker images

3 votes

docker list

0 votes

Question 12:

Choose the most correct statement to describe the contents directory found under the filesystem location shown below.

/var/lib/docker

A collection of two files consisting of metadata in json, number of layers, and a subdirectory with the root filesystem for the image.

2 votes

A collection of json files with metatdata for the images

0 votes

A collection of sub images that make the image layers

1 votes

A collection of Docker image files.

0 votes

Question 13:

Choose the most correct statement to describe the Docker File entry below.

FROM ubuntu

Creates ubuntu as a sub-directory that holds the rootfs for the container image

0 votes

Includes the Ubuntu image as the base layer for the Docker File build.

1 votes

Builds the Ubuntu image for the container

0 votes

Pulls the Ubuntu container from Docker Hub

2 votes

Question 14:

Which statement best describe the difference between the COPY and ADD commands in a Dockerfile.

COPY supports copying of local files into the container while ADD is used to tag multiple versions o an image with a new GUIDs in a repository

0 votes

A COPY can move image assets to the container level while ADD is used to copy a file from a host to the container

0 votes

COPY only supports the basic copying of local files into the container, while ADD has some features (like local-only tar extraction and remote URL support)

3 votes

COPY is used to copy a file from a container to the host Add is used to copy a file from a host to the container

0 votes

Question 15:

The “rmi” command in docker is used to?

None

0 votes

More image in remote to a different location

0 votes

Remove one or more docker images

3 votes

Save docker images to a tar archive

0 votes

Question 16:

Which of the following command is used to associate an image with a repository (or multiple repositories) at build time?

sudodocker commit CONTAINERID IMAGENAME

0 votes

None

0 votes

sudodocker tag IMAGEID IMAGENAME

2 votes

sudodocker build-t IMAGENAME

1 votes

Question 17:

Choose the most correct statement for Webhooks in the Docker Workflow.

Webhooks are configured on a per-repository basis to allow automated builds of your Docker image

3 votes

Clones a JSON file which holds a mapping of image names and tags form an external repository

0 votes

Pulls the container from Docker Hub.

0 votes

Clones the image for the container.

0 votes

Question 18:

Which of the following is NOT true?

Docker ps is used to list all running containers

0 votes

JSON format can be used for dockerfiles.

3 votes

Services that make up your app is defined in docker-compose.yml file

0 votes

Compose is a tool for defining and running multi-container Docker applications.

0 votes

Question 19

Choose the most correct statement for Automated Builds in the Docker Workflow.

You must assign an optional Docker tag to the Build

0 votes

You must Specify where the Branch in your GitHub or BitBucket repository

0 votes

You must Specify where the Dockerfile is located in your GitHub or BitBucket repository

0 votes

Docker Hub supports GitHub and BitBucket for Automated Build via a Web commit hook.

3 votes

Question 20:

Choose the correct statement to describe the Docker repository

A repository namespace has a specific schema so that the search index can determine the container id and location

0 votes

A repositoriy must e tied to a username.

0 votes

A repository is a collection of containers tracked by GUIDs.

0 votes

You can tag an image, and store multiple versions of that image with different GUIDs in a single named repository

3 votes

Question 21:

Which statement best describes the possible security implications of public docker images

If a Docker image is deleted from the Docker Hub then any sensitive data exposed will be safe

0 votes

If a Docker image is deleted from the Docker Index then any sensitive data exposed will be safe

0 votes

Data in a Docker volume is preserved as part of the docker commit operation so dont store credentials in volumes such as external api access keys

0 votes

If you accidentally publish a credential(s), Delete the public image and update the credentials on whatever system(s) it has compromised

3 votes

Question 22:

Can an individual Docker container, for example a web server, that exposes (listens on) a port be started using systemd's socket activation feature?

It is possible using default docker implementation and a correct systemd socket descriptor

0 votes

It is possible using default docker implementation and a correct systemd unit file

0 votes

It is possible using a third party tool

0 votes

It is not possible using default docker implementation

3 votes

Question 23:

For the 'docker-compose.yml' fragment below

scala:

build: ./scala

expose:

- 40000-50000

ports:

- 9000:9000

- 4040:4040

links:

- mongo

volumes:

- ../../:/root/cardio

- ~/.ivy2:/root/.ivy2

- ~/.sbt:/root/.sbt

stdin\_open: true

mongo:

image: mongo

volumes\_from:

- data

ports:

- "27017:27017"

Choose the most correct statement to describe the 'links' block

This is required so you do not need to stop, remove, and run the container when running in a different host to generate the link

0 votes

You need to explicitly declare this to link with the mongo service when running in the same host

0 votes

Allows the container to be linked with ALL instances of the mongo service

3 votes

Allows the container to be linked with ALL instances of the mongo service , but each with different alias

0 votes

Question 24:

For the following 'docker-compose.yml' fragment

scala:

build: ./scala

expose:

- 40000-50000

ports:

- 9000:9000

- 4040:4040

links:

- mongo

volumes:

- ../../:/root/cardio

- ~/.ivy2:/root/.ivy2

- ~/.sbt:/root/.sbt

stdin\_open: true

Choose the most correct statement to describe the 'expose' command as used in the code.

Updates the PORT environment variable.

0 votes

Port mapping is necessary for accessing a container from the host to a (linked) container

3 votes

The 'expose' instruction indicates the ports on which a container will listen for connections

0 votes

The 'expose' command associates a specified port for the running process inside the container

0 votes

Question 25:

For the following 'docker-compose.yml' fragement

scala:

build: ./scala

expose:

- 40000-50000

ports:

- 9000:9000

- 4040:4040

links:

- mongo

volumes:

- ../../:/root/cardio

- ~/.ivy2:/root/.ivy2

- ~/.sbt:/root/.sbt

stdin\_open: true

Choose the most correct statement to describe the ' volumes' command as it appears in the code.

The ' volumes' command is used here to link with other imported docker-compose.yml files

0 votes

The ' volumes' command is used here to isolate the directories as they are explicitly named

0 votes

The ' volumes' command is only useful for images that are going to be built FROM a given image

0 votes

The ' volumes' command is used here to enable access from your container to a directory on the host machine.

3 votes

Question 26:

Docker Universal Control Plane (UCP) is the enterprise-grade cluster management solution from?

LDAP

0 votes

Swarm

0 votes

Docker

3 votes

Images

0 votes

Question 27:

An external CA is a trusted 3rd party company that provides a means of \_\_\_\_\_ , and otherwise managing certificates?

creating, issuing, revoking

3 votes

creating, issuing, invoking

0 votes

making, issuing, revoking

0 votes

creating, deleting, revoking

0 votes

Question 28:

What does the docker management command dockerd do?

Display system-wide information

2 votes

Show the Docker version information

0 votes

Stop the docker daemon

0 votes

Launch the Docker daemon

1 votes

Question 29:

Swarm currently supports following values?

**Note: There may be more than one right answer.**

binpack

3 votes

strategy

0 votes

random

3 votes

spread

3 votes

Question 30:

Swarm supports following backend discovery services?

All of the above

3 votes

Zookeeper

0 votes

etcd

0 votes

Hosted

0 votes

Consul

0 votes

Question 31:

In docker, a union file system is the union of ?

All read-only layers

0 votes

Read-write layer and all read-only layers

3 votes

All read-write layers

0 votes

Question 32:

Choose the most correct statement to describe the ENTRYPOINT argument In Dockerfiles.

The ENTRYPOINT is the top level directory for you application.

0 votes

The CMD arguments will not be passed to the ENTRYPOINT.

0 votes

The ENTRYPOINT specifies a command that will always be executed when the container starts.

3 votes

The ENTRYPOINT argument can be used for executing a specific command.

0 votes

Question 33:

Which command is used to show all running containers?

dockerps --all

0 votes

docker list --all

0 votes

docker list

0 votes

dockerps

3 votes

Question 34:

Custom, cross-host container networks are?

**Note: There may be more than one right answer.**

489/udp

1 votes

Inbound

0 votes

Inbound 7946/udp

3 votes

Inbound 7946/tcp

3 votes

Question 35:

Choose the most correct statement to describe Docker container namespaces.

A Docker container namespaces is used when you want to allow multiple users to ssh onto a single container, but you'd like some isolation between these users.

0 votes

Docker container namespaces control resource consumption.

0 votes

To give a container a docker namespace you have to run an ssh daemon in each container.

0 votes

Docker container namespaces isolate the container from the rest of the system, and it can only see its own processes.

3 votes

Question 36:

What are the two major Docker components?

Docker and Container

0 votes

Container and docker-hub

0 votes

Docker and docker-hub

3 votes

Container and image

0 votes

Question 37:

Which of the following statement True of Docker Machine?

A tool for automatic deployment of docker containers

0 votes

A clustering tool for docker

0 votes

a client-server application made up of docker daemon, api interfaces for interacting with daemon and a CLI client that talks to the daemon

0 votes

a tool for provisioning and managing your Dockerized hosts

3 votes

Question 38:

The default registry is accessible using the command:

None

0 votes

sudo docker search

3 votes

docker ls

0 votes

docker run search

0 votes

Question 39:

\_**\_\_** , A cloud service for sharing applications and automating workflows?

None of the above

2 votes

Docker Engine

0 votes

Docker Hub

2 votes

Docker Machine

0 votes