Docker Advanced topics

Containers that are running can be listened using this command   1 point

🔘 $ docker ps

⚪ $ docker container ls -a

⚪ $ docker ps -a

Which of the following is the native clustering for Docker?   1 point

⚪ Docker Hub

⚪ Docker Cloud

⚪ Kubernetes

🔘 Docker Swarm

Which of the following is a text document that contains all commands a user could call   1 point
on the command line to assemble an image?

○ Docker Compose

◉ Dockerfile

○ Docker Kitematic

○ Docker Cloud

How many private repos are allowed for an individual on Docker Hub   1 point

◉ 1

○ 2

○ 3

○ 4

What port does Docker registry use?   1 point

○ port 3000

◉ port 5000

○ port 8000

What Dockerfile instruction must first appear in the file?   1 point

○ IMAGE

○ ENV

◉ FROM

○ RUN

How to find container metadata location using Docker commands?   1 point

○ docker build

◉ docker inspect

○ docker version

○ docker info

What is Docker Swarm?   1 point

◉ Container orchestration tool

○ read only template

○ centralisation platform

○ None of the above

How to use JSON instead of YAML compose file?   1 point

○ docker push myorg/img

○ /var/lib/docker/volumes

○ systemctl start/stop docker

◉ docker-compose -f docker-compose.json up

Which command is map port 80 in the container to port 5001 on the Docker host?   1 point

◉ docker run -p 5001:80

○ docker run -p 80:5001

○ docker run expose 80:5001

○ docker run expose 5001:80

Which of the following commands will successfully build an image with the name   1 point
"myimage" containing Dockerfile in current directory?

◉ docker build -t myimage .

○ docker build --tag-image myimage .

○ docker build -n myimage .

What format does Docker use to export images?   1 point

◯ image

◯ iso

◯ zip

⦿ tar

◯ dmg

What command line switch can be used to define a custom Dockerfile name (such as dockerfile.node) when building a custom image?   1 point

◯ -v

⦿ -f

◯ -t

◯ -customfile

Which command allows you to access the live output of processes running inside a container?   1 point

◯ docker exec

◯ docker inspect

◯ docker run

⦿ docker attach

A docker _____ has a "thin R/W layer."   1 point

○ File

◉ Container

○ Image

○ None of these

What is a benifit for a developer using docker?   1 point

○ Standardization and Productivity

○ Compatibility and Maintainability

○ Efficiency & Rapid Development

◉ All of the above

Which is not true about docker hub?   1 point

○ The hub is a network service

◉ It is a totally private repository

○ It gives access to Docker images

○ Docker Hub is a network storage

Docker registry is a place to store and distribute docker   1 point

○ Files

○ Codes

◉ Images

○ All of the aabove

You've been tasked with authoring a Dockerfile image which will encapsulate numerous   1 point
networking tools which will be used to troubleshoot communication between containers.
Which Dockerfile instruction(s) is, or are, best suited for defining what a derived
container will execute?

○ The ENTRYPOINT instruction, because the CMD instruction requires the presence of /bin/bash,
whereas the ENTRYPOINT instruction does not.

○ A combination of the CMD and ENTRYPOINT instructions, because it's always necessary to provide a
default execution parameter.

◉ The CMD instruction, because the image is multi-purpose in nature.

What options are available for getting source code into Docker containers?   1 point

○ Use the Dockerfile "EMBEDCODE" instruction

○ Create a custom container with the source code and use the "mount" command to point to your dev
machine.

◉ Create a custom docker image with the source code or create a data volume pointing to your dev
machine.

○ None of these

Which component of the Docker interfaces with kernel primitives that are used to build   1 point
containers

○ Docker daemon

◉ The OCI layer (runc)

○ The REST API

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