Docker Interview Q?

What Docker technologies are available to support communication between containers?

- Docker connect and bridge networks
- **Docker linking and bridge networks (Ans)**
- Docker connect and alias networks
- None of these

Bridge networks can be defined in Docker Compose files.

- False
- **True (Ans)**

What command can be run to download an image from Docker Hub?

- docker images
- docker rmi [image name]
- docker pull [image name] (Ans)
- docker ps -a

Docker Kitematic can ONLY be used to download Docker images.

- **False (Ans)**
- True

Docker Kitematic provides a way to visually search for images hosted on __?

- VirtualBox
- **Docker Hub (Ans)**
- Docker Client
- Docker Machine

What syntax can be used to create a volume that Docker manages?

- **docker run -v /var/www imageName (Ans)**
- docker run -vol /temp:/var/temp imageName
- docker run -v /temp:/var/temp imageName
- None of these

Which of the following options can be used in a Docker Compose file?

- env_file
- container_name
- **All of these (Ans)**
- networks

Environment variables can be defined in Docker Compose files.

- False
- **True (Ans)**

  What command can be used to "link" a command terminal window to a Docker machine?
- docker-machine env [machine name](Ans)
- docker rm [machine name]
- docker env [machine name]
- docker-machine environment [machine name]

  Which of the following statements accurately describe a Docker volume?
- **All of these (Ans)**
- Can be shared and reused among containers
- Persisted even after a container is deleted
- Are not affected by updates to images
- Special type of directory in a container

  What key concepts does Docker rely on?
- Virtual machines and LXC
- **Images and containers (Ans)**
- Images and archives
- Images and virtual machines

  What command-line switches are used with legacy linking?
- –net and –name
- **–link and –name (Ans)**
- –com and –name
- –run and –link

  Docker volumes are persisted even after a container is deleted.
- False
- **True (Ans)**

  What tool can be used to visually work with images and containers?
- Docker Engine
- **Docker Kitematic (Ans)**
- None of these
- VirtualBox

  Which of the following tasks can Docker Cloud perform?
- **All of these (Ans)**
- Create nodes

- None of these

- Create stacks

- Start and stop services

Dockerfile contains binary instructions.
- True

- **False (Ans)**

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

- -customfile

- **-f (Ans)**

- -v

What Docker Client command can be used to create a container network?
- docker createNetwork

- docker build network

- **docker network create (Ans)**

- docker ps network

What syntax can be used to delete a Docker volume and a container?
- docker rm -rv containerName

- docker rm volume containerName

- **docker rm -v containerName (Ans)**

- docker rm remove-volume containerName

What task does Docker Machine perform?
- Create and manage Docker images

- Find and install Docker images

- Create and manage containers

- All of these

- **Create and manage local machines (Ans)**

Docker Cloud provides a browser-based terminal for services.
- **True (Ans)**
- False

Docker Toolbox can only be installed and run on Linux.
- **False (Ans)**
- True

What Docker Compose command can be used to create service images?

- docker compose

- docker-compose create

- docker-compose make

- **docker-compose build (Ans)**

  What syntax can be used to publish an image to Docker Hub?
- docker create /imageName

- docker publish /imageName

- docker move /imageName

- **docker push /imageName (Ans)**

  What benefits do container networks offer?
- Allow local containers to communicate with external host containers

- Allow local containers to communicate directly with host processes

- **Allow containers to communicate with each other in an isolated network (Ans)**
- All of these

  Docker containers can be started and stopped.
- False

- **True (Ans)**

  Docker Images consist of read-only layers.
- **True (Ans)**
- False