

DOCKER QUIZZES

1) Select the right answer(s) :

- Docker is based on Linux
- Docker is lighter than virtualization
- Docker run only on Windows and MAC OS
- Docker is based on emulation

2) Oracle Virtual Box runs on :

- An hypervisor to type 1
- An hypervisor to type 2

3) Select the right sentence :

- An image is a running container
- A container is a running image

4) Select the right answer :

- To run a program contained in a Docker image we need to know where the program is installed in your host machine
- To run a program contained in a Docker image we need to know the IP address and port of the contained program

5) Select the right sentence(s) :

- Virtualization is running programs on distant servers
- Virtualization is paying for a software only when needed
- Virtualization is abstracting hardware and software constraints
- Virtualization is encapsulating softwares

6) Select the right sentence :

- A CMD command execute a program during build
- A CMD command execute a program during run

7) Docker Hub is a Docker Registry

- True
- False

8) In the following given code : `docker run -d -p 4000:5000 training/webapp python app.py`

- 4000 is the host port
- 5000 is the host port
- 4000 is the container port
- 5000 is the container port

9) FROM command check first if an image is locally available

- True
- False

10) Docker build create an image

- True
- False

11) Tmpfs mount is designed to store data

- On memory
- On disk drive

12) Bind mounts are easier to transfer or back up than volumes

- True
- False

13) Are you a bot ?

- True
- False

14) Different containers can access to a same volume

- True
- False

15) Volumes works only on linux containers

- True
- False

16) How many different strategies dockers allow to persist datas

- 1
- 2
- 3

17) Command docker volume prune removes all unused local volumes

- True
- False

18) After stopping a container, all modified datas of the containers are saved in the Dockerfile

- True
- False

19) Ntfs mounts and volumes are both strategies to persist datas

- True
- False

20) To run a docker Volume you need to use the command

- build
- create

21) How long takes an update from Windows home to Windows pro ?

- 10 minutes
- 10 hours
- 10 days
- I don't care. I'm on Unix kernel !

22) Kubernetes is a cluster management tool developed by Oracle

- True
- False

23) Kubectl controls the Kubernetes cluster manager

- True
- False

24) Each minion server should run many instances of Docker daemon in it

- True
- False

25) A pod is a cluster of containers

- True
- False

26) Minikube runs a single-node Kubernetes cluster

- True
- False

27) Minikube dashboard print pod infos in your console

- True
- False

28) Select the right answer

- Etcd is the acting component for container replication
- Etcd is used by Kubernetes to store the configuration data that can be used by the nodes in the cluster

29) The command kubectl dashboard allows to list all the pods, services, and other objects deployed in your cluster

- True
- False

30) The worker nodes in the kubernetes cluster are called minions

- True
- False

31) In bridge networks, name resolution is the fact that using only names to connect containers inside the network

- True
- False

32) We can connect a container to a network with the docker connect command and at a running container

- True
- False

33) Network bridges allows to

- Isolate containers

- Avoid IP addresses
- Clusterisation

34) A none network can interact only with external containers

- True
- False

35) With macvlan network, it's possible to allow a mac address to a network interface

- True
- False

36) When running on a host network container share the same IP address?

- True
- False

37) To list all networks we can make a : docker network ps

- True
- False

38) How many kinds of standard networks are available on Docker?

- 3
- 4
- 5
- 6

39) Networks allow to connect

- Containers
- Images

40) A host network allows to overlay different docker hosts?

- True
- False