Question 1

What command is used to run a process in a new Linux namespace? (Specify ONLY the command without any path or parameters.)

Options:

A- unshare

Answer:

A

Question 2

What is the default path to the Docker daemon configuration file on Linux? (Specify the full name of the file, Including path.)

A- etcdockerdaemonjson

A

Question 3

Question Type: MultipleChoice

Which of the following statements are true regarding a Pod in Kubernetes? (Choose two.)

Options:

A- All containers of a Pod run on the same node.

B- Pods are always created automatically and cannot be explicitly configured.

C- A Pod is the smallest unit of workload Kubernetes can run.

D- When a Pod fails, Kubernetes restarts the Pod on another node by default.

E- systemd is used to manage individual Pods on the Kubernetes nodes.

Question 4

Question Type: **MultipleChoice**

Which of the following statements in a Dockerfile leads to a container which outputs hello world? (Choose two.)

Options:

A- ENTRYPOINT 'echo Hello World'

B- ENTRYPOINT ['echo hello world']

C- ENTRYPOINT ['echo', 'hello', 'world']

D- ENTRYPOINT echo Hello World

E- ENTRYPOINT 'echo', 'Hello', 'World*

Question 5

Question Type: **MultipleChoice**

Which of the following commands executes a command in a running LXC container?

Options:

A- lxc-accach

B- lxc-batch

C- lxc-run

D- lxc-enter

E- lxc-eval

Answer:

A

Question 6

What LXC command starts a new process within a running LXC container? (Specify ONLY the command without any path or parameters.)

Options:

A- lxcattach

Answer:

A

Question 7

If docker stack is to be used to run a Docker Compose file on a Docker Swarm, how are the images referenced in the Docker Compose configuration made available on the Swarm nodes?

Options:

A- docker stack builds the images locally and copies them to only those Swarm nodes which run the service.

B- docker stack passes the images to the Swarm master which distributes the images to all other Swarm nodes.

C- docker stack instructs the Swarm nodes to pull the images from a registry, although it does not upload the images to the registry.

D- docker stack transfers the image from its local Docker cache to each Swarm node.

E- docker stack triggers the build process for the images on all nodes of the Swarm.

Answer:

C

Question 8

Question Type: **MultipleChoice**

What is the purpose of the kubelet service in Kubernetes?

Options:

A- Provide a command line interface to manage Kubernetes.

B- Build a container image as specified in a Dockerfile.

C- Manage permissions of users when interacting with the Kubernetes API.

D- Run containers on the worker nodes according to the Kubernetes configuration.

E- Store and replicate Kubernetes configuration data.

Answer:

D

Question 9

Question Type: MultipleChoice

What happens when the following command is executed twice in succession?

docker run -tid -v data:/data debian bash

Options:

A- The container resulting from the second invocation can only read the content of /data/ and cannot change it.

B- Each container is equipped with its own independent data volume, available at /data/ in the respective container.

C- Both containers share the contents of the data volume, have full permissions to alter its content and mutually see their respective changes.

D- The original content of the container image data is available in both containers, although changes stay local within each container.

E- The second command invocation fails with an error stating that the volume data is already associated with a running container.

Answer:

C

Question 10

Question Type: **MultipleChoice**

Which of the following network interface types are valid in an LXD container configuration? (Choose three.)

Options:

A- ipsec

B- macvlan

C- bridged

D- physical

E- wifi

Answer:

B, C, D

Question 11

Question Type: **MultipleChoice**

What LXC command lists containers sorted by their CPU, block I/O or memory consumption? (Specify ONLY the command without any path or parameters.)

Options:

A- lxctop

Answer:

A

Question 12

Question Type: **MultipleChoice**

After creating a new Docker network using the following command:

docker network create --driver bridge isolated_nw

which parameter must be added to docker create in order to attach a container to the network?

Options:

A- --eth0=isolated_nw

B- --alias=isolated_nw

C- --ethernet=isolated_nw

D- --network=isolated_nw

E- --attach=isolated_nw

Answer:

D