Question 1

How is a Docker container image retrieved from a Docker registry?

Options:

A- Docker retrieves a ZIP archive which is extracted into the container's root file system.

B- Multiple stacked images are retrieved and layered on top of each other.

C- A flat hard disk image is downloaded once per container and mounted as the root file system.

D- The registry merger all components of the image into one file which is shipped to Docker.

E- The container is built from an ISO file along with a configuration for an unattended installation.

Answer:

B

Explanation:

Reference https://www.ibm.com/developerworks/library/mw-1608-tost-trs/index.html

Question 2

Which elements exist on the highest level of the definition of every Kubernetes Objects? (Specify the name of one of the elements, without any values.)

Answer:

Question 3

Which of the following container names could have been assigned automatically by Docker?

Options:

A- docker-c00001

B- 2.0.17.172

C- container

D- c0023817

E- clever_ritchie

Answer:

E

Explanation:

Reference https://docs.docker.com/v17.09/engine/userguide/networking/default_network/container-communication/

Question 4

Question Type: MultipleChoice

Which of the following commands lists the nodes in a Docker Swam cluster?

Options:

A- docker-swarm listnodes

B- docker engine ls

C- docker node ls

D- docker machine ls

E- docker swarm nodes

Answer:

C

Explanation:

Reference https://docs.docker.com/engine/swarm/manage-nodes/

Question 5

Question Type: MultipleChoice

Which of the statements below are true about the volume created by the following command? (Choose two correct answers.)

docker run --v /data --ti debian

Options:

A- The new /data volume contains a copy of the complete container's base image.

B- The volume containing the container's rootfile system is retained until the /data volume is deleted.

C- The /data volume is discarded when the container terminates.

D- The /data volume can be attached to another Docker container.

E- If the command is run a second time, another volume for /data is created.

Answer:

D, E

Question 6

Question Type: **MultipleChoice**

Which of the following mechanisms are used for service discovery in a container environment? (Choose two correct answers.)

Options:

A- The container platform offers a command like docker service discover which should be run within a container.

B- The container platform sets environment variables containing service information within the containers.

C- The container platform lists localhost ports assigned to containers in each container's /etc/services file.

D- The container platform mounts the sockets for all available services into the container's file systems.

E- The container platforms maintains DNS records which point to containers offering a specific service.

Answer:

B, E

Question 7

Question Type: MultipleChoice

What statement is true regarding the Swarm service created by the following command?

docker service create --name myweb --network webnet --mode global nginx

A- It runs exactly one time in the Swarm and cannot be scaled.

B- It runs exactly once on each node in a Swarm.

C- It runs on one node by default and can be scaled to an arbitrary number of replicas.

D- It runs on all nodes which provide the network webnet.

E- It runs only on those nodes which support the network type global.

Answer:

C

Question 8

Question Type: **MultipleChoice**

Which of the following functions are provided by the Ansible apt module? (Choose two correct answers.)

Options:

A- Update an installed package to the latest version.

B- Update the list of available packages from configured repositories.

C- Re-compile an installed package from the source code.

D- Add the URL of a new repository to the package manager configuration.

E- Install a dpkg based Linux distribution on an empty target system.

Answer:

B, E

Explanation:

Reference https://docs.ansible.com/ansible/latest/modules/apt_module.html

Question 9

Question Type: **MultipleChoice**

Which Ansible keyword is used in a playbook to store the result (i.e. return code) of a task in a variable?

Options:

A- register

B- return

C- output

D- result

E- set_fact

Answer:

A

Explanation:

Reference https://docs.ansible.com/ansible/2.5/user_guide/playbooks_conditionals.html