

Question #:1

The following health check exists in a Dockerfile:

'HEALTHCHECK

CMD curl --fail http://localhost/health || exit 1

,

Which of the following describes its purpose?

- A. Defines the action taken when container health fails, which in this case will kill the container with exit status 1
- B. Defines the health check endpoint on the localhost interface for external monitoring tools to monitor the health of the docker engine.
- B. Defines the health check endpoint on the local host interface for containers to monitor the health of the docker engine.
- C. Defines the health check for the containerized application so that the application health can be monitored by the Docker engine

Answer: A

Question #:2

Which of the following commands will create a swarm service which only listens on port 53 using the UDP protocol?

- A. docker service create --name dns-cache -p 53:53/udp dns-cache
- B. docker service create --name dns-cache -p 53:53 --service udp dns-cache
- C. docker service create --name dns-cache -p 53:53 ..constraint networking.protocol.udp=true dns-cache
- D. docker service create --name dns-cache -p 53:53 --udp dns-cache

Answer: A

Question #:3

What is used by the kernel to Isolate resources when running Docker containers?

- A. Namespaces
- B. Overlay networks

- C. Volumes
- D. Control groups (also know as cgroups)

Answer: D

Question #:4

Which of the following statements is true about secrets?

- A. Secrets can be created from any node in the cluster.
- B. Secrets can be modified after they are created.
- C. Secret are stored unencrypted on manager nodes.
- D. Secrets can be created using standard input (STDIN) and a file.

Answer: D

Question #:5

Which of the following commands is used to display system-wide Docker configuration on a host?

- A. docker info
- B. docker status
- C. docker inspect
- D. docker system

Answer: A

Question #:6

What is the docker command to setup a swarm?

- A. docker swarm init
- B. docker swarm create
- C. docker init swarm
- D. docker create swarm

Answer: A

Explanation

<https://docs.docker.com/engine/reference/commandline/swarm/>

Question #:7

You have deployed a service to swarm. Which command uses the Docker CLI to set the number of tasks of the services to 5? (choose 2)

- A. 'docker service update --replicas=5 <service-id>'
- B. 'docker replica update <service-id>=5'
- C. 'docker update service <service-id>=5'
- D. 'docker service replicas <service-id>=5'
- E. 'docker service scale <service-id> = 5'

Answer: A E

Question #:8

What is the recommended way to configure the daemon flags and environment variables for your Docker daemon in a platform independent way?

- A. Set the configuration options using the ENV variable
- B. Set the configuration options in '/etc/docker/daemon.json'
- C. Set the configuration DOCKER_OPTS in '/etc/default/docker'
- D. Using 'docker config' to set the configuration options.

Answer: B

Question #:9

A server is running low on disk space. What command can be used to check the disk usage of images, containers, and volumes for Docker engine?

- A. 'docker system df'
- B. 'docker system prune'
- C. 'docker system free'
- D. 'docker system ps'