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Docker Certified Associate (DCA) Exam

Docker DCA

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QUESTION NO: 1

Your organization has a centralized logging solution, such as Splunk.

Will this configure a Docker container to export container logs to the logging solution? Solution: docker logs

A. Yes

B. No

ANSWER: B

QUESTION NO: 2

Which of the following commands starts a Redis container and configures it to always restart unless it is explicitly stopped or Docker is restarted?

A. 'docker run -d --restart-policy unless-stopped redis'

B. 'docker run -d --restart omit-stopped redis'

C. 'docker run -d --restart unless-stopped redis'

D. 'docker run -d --failure omit-stopped redis'

ANSWER: C

QUESTION NO: 3

What is the difference between the ADD and COPY dockerfile instructions? (choosen 2)

A. ADD supports compression format handling while COPY does not.

B. COPY supports regular expression handling while ADD does not.

C. COPY supports compression format handling while ADD does not.

D. ADD support remote URL handling while COPY does not.

E. ADD supports regular expression handling while COPY does not.

ANSWER: D E

QUESTION NO: 4

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 '

B. 'docker replica update =5'

C. 'docker update service =5'

D. 'docker service replicas =5'

E. 'docker service scale = 5"

ANSWER: A E

QUESTION NO: 5

You created a new service named 'http' and discover it is not registering as healthy. Will this command enable you to view the list of historical tasks for this service?

Solution: 'docker service inspect http'

A. Yes

B. No

ANSWER: A

QUESTION NO: 6

Which of the following are types of namespaces used by Docker to provide isolation? (Choose 2.)

A. Host

B. Network

C. Process ID

D. Authentication

E. Storage

ANSWER: B C

QUESTION NO: 7

During development of an application meant to be orchestrated by Kubernetes, you want to mount the /data directory on your laptop into a container.

Will this strategy successfully accomplish this?

Solution: Add a volume to the pod that sets hostPath.path: /data, and then mount this volume into the pod's containers as desired.

A. Yes

B. No

ANSWER: B

QUESTION NO: 8

The Kubernetes yaml shown below describes a networkPolicy.

Will the networkPolicy BLOCK this traffic?

Solution: a request issued from a pod bearing the tier: backend label, to a pod bearing the tier: frontend label

A. Yes

B. No

ANSWER: B

QUESTION NO: 9

You are pulling images from a Docker Trusted Registry installation configured to use self-signed certificates, and this error appears:

'x509: certificate signed by unknown authority'.

You already downloaded the Docker Trusted Registry certificate authority certificate from https://dtr.example.com/ca.

How do you trust it? (Select two.)

A. Place the certificate in '/etc/docker/dtr/dtr.example.com.crt' and restart the Docker daemon on all cluster nodes.

B. Place the certificate in your OS certificate path, trust the certificate system-wide, and restart the Docker daemon across all cluster nodes.

C. Pass '-trust-certificate ca.crt' to the Docker client.

D. Pass --insecure-registry to the Docker client.

E. Place the certificate in '/etc/docker/certs.d/dtr.example com/ca.crt' on all cluster nodes.

ANSWER: D E

QUESTION NO: 10

Which of the following modes can be used for service discovery of a Docker swarm service (Pick 2 correct answers)

A. Virtual IP (VIP) with --endpoint-mode vip

B. Overlay with --endpoint-mode overlay

C. DNS Round-Robin with --endpoint-mode dnsrr

D. Ingress with --endpoint-mode ingress

E. Network Address Translation(NAT) with --endpoint-mode nat

ANSWER: A C