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Docker DCA

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QUESTION NO: 1

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

QUESTION NO: 2

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: 3

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: 4

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: 5

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: 6

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: 7

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: 8

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: 9

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: 10

What is the difference between the ADD and COPY dockerfile instructions? (chosen 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