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Docker Certified Associate (DCA) Exam

Docker DCA

Version Demo

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QUESTION NO: 1

Is this a type of Linux kernel namespace that provides container isolation? Solution: Authentication

- A. Yes
- B. No

ANSWER: A**QUESTION NO: 2**

A company's security policy specifies that development and production containers must run on separate nodes in a given Swarm cluster.

Can this be used to schedule containers to meet the security policy requirements? Solution: label constraints

- A. Yes
- B. No

ANSWER: B**QUESTION NO: 3**

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 NO: 4**

After creating a new service named 'http', you notice that the new service is not registering as healthy. How do you view the list of historical tasks for that service by using the command line?

- A. `'docker inspect http'`

- B. 'docker service inspect http'
- C. 'docker service ps http'
- D. 'docker ps http'

ANSWER: C

QUESTION NO: 5

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: 6

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: 7

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

QUESTION NO: 8

Does this command display all the pods in the cluster that are labeled as 'env: development'?

Solution: 'kubectl get pods --all-namespaces -label env=development'

- A. Yes
- B. No

ANSWER: B

QUESTION NO: 9

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: 10

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