

1V0-71.21^{Q&As}

Associate VMware Application Modernization

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QUESTION 1

What is the relationship between Kubernetes and containers?

- A. There is no relationship between Kubernetes and containers
- B. Kubernetes provides a platform for managing containerized workloads
- C. Kubernetes is a place where you store container images
- D. Kubernetes provides a way to build containers

Correct Answer: B

Reference: [https://www.stackchief.com/tutorials/What%20is%20Kubernetes%3F%20%7C%20Kubernetes %20Tutorial](https://www.stackchief.com/tutorials/What%20is%20Kubernetes%3F%20%7C%20Kubernetes%20Tutorial)

QUESTION 2

What does it mean by a "lift and shift" approach regarding moving applications to the cloud?

- A. Retiring the application and replacing it with a different application
- B. Code changes and user facing changes
- C. No code changes and no user facing changes
- D. Code changes and no user facing changes

Correct Answer: C

Reference: <https://tanzu.vmware.com/what-is-application-modernization>

QUESTION 3

What is Sonobuoy?

- A. An observability plugin for Kubernetes nodes
- B. A diagnostic tool used to understand the state of a Kubernetes cluster
- C. A distributed tracing platform used for monitoring microservices-based distributed systems
- D. A container networking interface plugin

Correct Answer: B

Reference: <https://sonobuoy.io/>

QUESTION 4

Which Kubernetes Service type is invalid?

- A. LoadBalancer
- B. NodePort
- C. InternalName
- D. ExternalName
- E. ClusterIP

Correct Answer: C

Reference: <https://kubernetes.io/docs/concepts/services-networking/service/>

QUESTION 5

What is the valid way to deploy a Pod in a Kubernetes cluster?

- A. Copy a manifest file to the API server in the /etc/kubernetes/pods directory
- B. SSH to the worker node where the Pod is desired to run and issue the command "kubectl apply -f myPod.yaml"
- C. Copy a manifest file to a worker node in the /etc/kubernetes/pods directory
- D. Issue the command "kubectl apply -f myPod.yaml"

Correct Answer: B

Reference: <https://medium.com/analytics-vidhya/mlops-dockers-and-kubernetes-essentials-for-a-datascientist-8bc7b5866957>

QUESTION 6

What are true statements about Microservices? (Choose two.)

- A. They don't scale.
- B. They are decoupled.
- C. They are tightly coupled together.
- D. They are used to create modular applications.
- E. They are centrally managed.

Correct Answer: BD

Reference: <https://www.oreilly.com/radar/modules-vs-microservices/>

QUESTION 7

Which are the four components in Tanzu Build Service? (Choose four.)

- A. Image Cluster
- B. Builder
- C. ClusterStore
- D. ClusterStack
- E. Image
- F. Builder Stack
- G. Builder Store

Correct Answer: BCDE

Reference: <https://docs.vmware.com/en/Tanzu-Build-Service/1.2/vmware-tanzu-build-service-v12/GUIDdocs-build-service-index.html>

QUESTION 8

What functionalities does Velero provide? (Choose three.)

- A. A Helm chart repository
- B. An application Continuous Deployment (CD) tool
- C. A Kubernetes resource migration tool
- D. A disaster recovery tool
- E. A Kubernetes cluster deployment tool
- F. A tool to safely perform backups and restores

Correct Answer: CDF

Reference: <https://medium.com/mycloudseries/what-is-velero-1f205650b76c>

QUESTION 9

What are two features of Tanzu Application Catalog? (Choose two.)

- A. Backups and restores Kubernetes components from a graphical user interface.
- B. Provides production ready open source container images.
- C. Migrates legacy .NET applications to a Kubernetes infrastructure.

D. Creates a custom Operating System image.

E. Creates a deployment from an extensive library of application components, databases, and runtimes.

Correct Answer: BD

Reference: <https://tanzu.vmware.com/content/blog/announcing-evolution-vmware-application-catalog>

QUESTION 10

What are two ways a container in a Pod can consume ConfigMap data? (Choose two.)

A. Mounted as a Persistent Volume Claim (PVC)

B. From Read-only files

C. From Read-write files

D. From Environment variables

E. Containers do not consume ConfigMap data

Correct Answer: BD

Reference: <https://kubernetes.io/docs/concepts/configuration/configmap/>

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