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VMware 1V0-71.21

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QUESTION NO: 1

Which Tanzu product automates container creation, management, and governance operations at enterprise scale?

- A. Tanzu Build Service
- B. Tanzu Mission Control
- C. Tanzu Container Automation
- D. Tanzu Service Mesh

ANSWER: A

Explanation:

Reference: <https://docs.vmware.com/en/VMware-Tanzu-Build-Service/index.html>

QUESTION NO: 2

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

ANSWER: C D F

Explanation:

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

QUESTION NO: 3

Which VMware Tanzu products use ClusterAPI?

- A. Tanzu Kubernetes Grid and Tanzu Application Catalog
- B. Tanzu Kubernetes Grid and Tanzu Mission Control

C. Tanzu Application Catalog and Tanzu Mission Control

D. Tanzu Observability and Tanzu Mission Control

ANSWER: B

Explanation:

Reference: <https://docs.vmware.com/en/VMware-Tanzu-Mission-Control/services/tanzumc-concepts.pdf>

<https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-4D0D375F-C001-4F1D-AAB1-1789C5577A94.html#:~:text=Tanzu%20Kubernetes%20Grid%20Service%20API&text=It%20is%20a%20declarative%20API,VM%20sizes%2C%20Kubernetes%20software%20version>

QUESTION NO: 4

What are two benefits of Containers versus Virtual Machines? (Choose two.)

A. Emulate an entire computing environment, including all OS resources

B. Has the ability to run multiple applications requiring different OSs on a single piece of infrastructure

C. Requires fewer IT resources to deploy, run, and manage

D. Can spin up in milliseconds

ANSWER: C D

Explanation:

Reference: <https://www.vmware.com/topics/glossary/content/vms-vs-containers>

QUESTION NO: 5

What is a defining characteristic of a Microservice?

A. An architectural pattern that encapsulates a specific business capability.

B. A failover mechanism for legacy applications.

C. A new technology to handle API management.

D. Software for automation of container orchestration.

ANSWER: A

Explanation:

Reference: <https://tanzu.vmware.com/microservices>

QUESTION NO: 6

Which three are features and benefits of Tanzu Kubernetes Grid? (Choose three.)

- A. Monitor full-stack applications to cloud infrastructures with metrics, traces, span logs, and analytics
- B. Extend the same consistent Kubernetes runtime across your public cloud and edge environments
- C. Provide Container Build Services consistently to a fleet of clusters
- D. Automated multicluster operations
- E. Local and in-cluster platform services including logging, monitoring, networking, and storage services
- F. A continuously maintained catalog of open-source components and applications

ANSWER: B D E

Explanation:

Reference: <https://tanzu.vmware.com/kubernetes-grid>

QUESTION NO: 7

List three benefits of vSphere with Tanzu: (Choose three.)

- A. Aligns DevOps and IT
- B. Manages cost in the cloud
- C. Simplifies IT Operations
- D. Kubernetes Application Performance Management
- E. Optimizes application code
- F. Delivers Developer Ready Infrastructure

ANSWER: A C F

Explanation:

Reference: https://tanzu.vmware.com/tanzu/?utm_source=google&utm_medium=cpc&utm_campaign=amer_gp-b&utm_content=g2_t023&utm_term=tanzu%20cloud&_bt=530748658078&_bk=tanzu%20cloud&_bm=b&_bn=g&_bg=124764469152&gclid=CjwKCAiAqIKNBhAIEiwAu_ZLDmrDD0woeWbzJpuysSLfPQnFXv5qQPZLlqPk1k5yISUHKjl-S91p2BoCsyIQAvD_BwE

QUESTION NO: 8

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

ANSWER: B

Explanation:

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

QUESTION NO: 9

Which three platforms are supported by Tanzu Kubernetes Grid? (Choose three.)

- A. Amazon Web Services EKS
- B. Amazon Web Services EC2
- C. Microsoft Azure Kubernetes Services
- D. Microsoft Azure Virtual Machines
- E. vSphere
- F. Google Kubernetes Engine

ANSWER: B C E

Explanation:

Reference: <https://docs.vmware.com/en/VMware-Tanzu-Kubernetes-Grid/index.html>

QUESTION NO: 10

Which kubectl command is an example of declarative object management in Kubernetes?

- A. kubectl manage
- B. kubectl apply
- C. kubectl create
- D. kubectl patch

ANSWER: B

Explanation:

Reference: <https://kubernetes.io/docs/tasks/manage-kubernetes-objects/declarative-config/>