

VMware.2V0-71.23.by.Oma.22q

Number: 2V0-71.23

Passing Score: 800

Time Limit: 120

File Version: 3.0

Exam Code: 2V0-71.23

Exam Name: VMware Tanzu for Kubernetes Operations Professional

Exam A

QUESTION 1

Which tool can be used to backup and restore workloads on clusters provisioned by the VMware Tanzu Kubernetes Grid Service?

- A. Site Recovery Manager
- B. Restic
- C. VMware vSphere Data Protection
- D. Velero Plugin for VMware vSphere

Correct Answer: D

Section:

QUESTION 2

Which two are installed on the target cluster when VMware Tanzu Mission Control Data Protection is enabled? (Choose two.)

- A. VMware Tanzu Mission Control agent
- B. Velero
- C. FluentBit
- D. Data protection extension
- E. Antrea

Correct Answer: B, D

Section:

QUESTION 3

Which steps are required to create a vSphere Namespace?

- A. In the vSphere web client, select Supervisor, select Namespaces tab. and click Create Namespace
- B. Create the Namespace using the Tanzu CLI
- C. In the vSphere web client, select Workload Management, select Namespaces tab. and click Create Namespace
- D. In the vSphere web client, select Supervisor, select Workload, select Namespaces tab. and click Create Namespace

Correct Answer: C

Section:

QUESTION 4

Which statement describes Harbor?

- A. Harbor requires that all images are pulled from GitHub and is used for image validation and verification.
- B. Harbor formerly known as Bitnami, is an image catalog used for downloading verified open source packages.
- C. Harbor is an open source registry that secures artifacts with policies and role-based access control, ensures images are scanned and free from vulnerabilities, and signs images as trusted.

D. Harbor is an image scanner used to verify that images are free from known vulnerabilities and patches as necessary.

Correct Answer: C

Section:

QUESTION 5

Which command has a valid syntax for scaling VMware Tanzu Kubernetes Grid cluster using Tanzu CLI?

- A. `tanzu cluster scale <cluster_name> --controlplane 5 --worker 10 --namespace=<my_namespace>`
- B. `tanzu cluster scale <cluster_name> --controlplane-machine-count 5 --worker-machine-count 10`
- C. `tanzu scale <cluster_name> --controlplane-machine-count 5 --worker-machine-count 10 --namespace=<my_namespace>`
- D. `tanzu scale <cluster_name> --controlplane 5 ----worker 10`

Correct Answer: A

Section:

QUESTION 6

What steps are required to deploy an application to a Kubernetes cluster using VMware Tanzu Mission Control (TMC) catalog?

- A. From the TMC Console, in Catalog, select the package to install, select Install Package
- B. From the TMC Console, in Catalog, from Available Tanzu Packages, specify the target cluster and the package to install
- C. Using the Tanzu CLI, enter the command `tanzu package install`
- D. Using the TMC CLI, enter the command `tmc cluster tanzupackage create`

Correct Answer: A

Section:

QUESTION 7

Which Kubernetes object controls what traffic is allowed to and from selected pods and network endpoints?

- A. Ingress
- B. NetworkPolicy
- C. PodSecurityPolicy
- D. ISecret

Correct Answer: D

Section:

QUESTION 8

Which three can be configured in a VM Class in VMware vSphere with Tanzu? (Choose three.)

- A. Network
- B. Operating system
- C. CPU
- D. Memory

- E. PCI devices
- F. Storage

Correct Answer: C, D, F

Section:

QUESTION 9

What is the key benefit of Tanzu Service Mesh Autoscaler feature?

- A. Autoscale microservices
- B. Autoscale persistent volumes
- C. Autoscale Supervisor control plane VMs
- D. Autoscale Tanzu Kubernetes Grid cluster

Correct Answer: A

Section:

QUESTION 10

Which statement describes a Container Storage Interface (CSI) in VMware Tanzu Kubernetes Grid?

- A. It is a plug-in that only works with vSphere object storage.
- B. It is a plug-in that is only used for clusters which require cloud native storage.
- C. It is a plug-in that allows providers to expose storage as persistent storage.
- D. It is a plug-in that is required for ephemeral storage.

Correct Answer: C

Section:

QUESTION 11

What Kubernetes project does vSphere with Tanzu Supervisor Cluster use to automate the lifecycle management of Tanzu Kubernetes Grid Clusters?

- A. Grafana
- B. Cluster API
- C. Contour
- D. Kubeadm

Correct Answer: B

Section:

QUESTION 12

Which three capabilities are supported by VMware Aria Operations for Applications (formerly VMware Tanzu Observability)? (Choose three.)

- A. Unified log management
- B. Setting Service Objectives
- C. Integration with VMware Aria Automation Config (formerly vRealize Automation SaltStack Config)

- D. Create a Tanzu Kubernetes cluster
- E. Event tracing
- F. Out-of-the-box and user-configurable dashboards

Correct Answer: A, E, F

Section:

QUESTION 13

An administrator will enable workload management in vSphere using NSX Advanced Load Balancer.

Which two components does the administrator need to prepare on NSX Advanced Load Balancer in advance? (Choose two.)

- A. NSX Controller
- B. Service Engine Group
- C. Provide connectivity to NSX manager
- D. NSX Advanced Load Balancer Controller
- E. Avi Kubernetes Operator

Correct Answer: B, D

Section:

QUESTION 14

Which two statements about the NSX Advanced Load Balancer are correct? (Choose two.)

- A. It can only be used if Antrea CNI is installed on the workload cluster.
- B. It can be configured as the VIP endpoint for the management cluster on vSphere.
- C. It only supports the service type LoadBalancer.
- D. It is natively integrated with Tanzu Kubernetes Grid Amazon Web Services EC2 deployments.
- E. It can be configured as a load balancer for workloads in the clusters that are deployed on vSphere.

Correct Answer: B, E

Section:

QUESTION 15

What is the role of the Tanzu Kubernetes Grid Service?

- A. It provides declarative, Kubernetes-style APIs for cluster creation, configuration, and management.
- B. It provides a declarative, Kubernetes-style API for management of VMs and associated vSphere resources.
- C. It provisions an extension inside the Kubernetes cluster to validate user authentication tokens.
- D. It provisions Kubernetes clusters that integrate with the underlying vSphere Namespace resources and Supervisor Services.

Correct Answer: D

Section:

QUESTION 16

What is the object in Kubernetes used to grant permissions to a cluster wide resource?

- A. ClusterRoleBinding
- B. RoleBinding
- C. RoleReference
- D. ClusterRoleAccess

Correct Answer: A

Section:

QUESTION 17

Which set of tools can be used to attach a Kubernetes cluster to VMware Tanzu Mission Control?

- A. Tanzu CLI and VMware vSphere Web UI
- B. Tanzu CLI and VMware Tanzu Mission Control Web UI
- C. kubectl and VMware vSphere Web UI
- D. kubectl and VMware Tanzu Mission Control Web UI

Correct Answer: B

Section:

QUESTION 18

A Tanzu Mission Control administrator would like to enforce the following container controls:
Which type of policy can be used?

- A. Access
- B. Security
- C. Image Security
- D. Image Registry
- E. Network

Correct Answer: C

Section:

QUESTION 19

An administrator was requested to create a pod with two interfaces to separate the application and management traffic for security reasons.
Which two packages have to be installed in VMware Tanzu Kubernetes Grid cluster to satisfy the requirement? (Choose two.)

- A. multus
- B. external-dns
- C. cert-manager
- D. grafana
- E. contour

Correct Answer: A, E

Section:

QUESTION 20

Which kinds of objects does the Kubernetes RBAC API declare?

- A. CloudPolicyObject
- B. Role, ClusterRole, RoleBinding and ClusterRoleBinding
- C. Container type and Container object
- D. ClusterObject and ClusterNode

Correct Answer: B

Section:

QUESTION 21

Which statement describes how VMware Tanzu Mission Control and VMware Aria Operations for Applications integrate?

- A. An administrator can enable VMware Aria Operations for Applications using the integrations tab in VMware Tanzu Mission Control.
- B. VMware Aria Operations for Applications is enabled by default in VMware Tanzu Mission Control. No integration is required.
- C. An administrator can login to VMware Aria Operations for Applications and enable VMware Tanzu Mission Control integration from the administration menu.
- D. An administrator can download and install the VMware Aria Operations Observations agent from Tanzu CLI.

Correct Answer: A

Section:

QUESTION 22

What is the purpose of a service mesh?

- A. Provides dynamic application load balancing and autoscaling across multiple clusters and multiple sites.
- B. Provides a centralized, global routing table to simplify and optimize traffic management.
- C. Provides service discovery across multiple clusters.
- D. Provides an infrastructure layer that makes communication between applications possible, structured, and observable.

Correct Answer: D

Section: