

5V0-23.20^{Q&As}

VMware vSphere with Tanzu Specialist

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QUESTION 1

How is the storage selected for the Harbor pods when the embedded Harbor image registry is enabled?

- A. vCenter Server automatically selects a local ESXi host datastore.
- B. An administrator selects a VM storage policy as part of enablement.
- C. vCenter Server automatically chooses a VM storage policy.
- D. An administrator selects a specific datastore as part of enablement.

Correct Answer: C

QUESTION 2

Which command provides valid syntax to deploy a vSphere Pod?

- A. `tkg apply -c containerName`
- B. `docker run containerName`
- C. `kubectl apply -c deployment.yaml`
- D. `kubectl apply -t deployment.yaml`

Correct Answer: C

QUESTION 3

Which three elements should be configured by a vSphere administrator after creating vSphere Namespace? (Choose three.)

- A. Permissions
- B. Capacity and Usage limits
- C. License
- D. Namespace name
- E. Storage Policy
- F. NSX Segment

Correct Answer: ABD

QUESTION 4

The network topology for a Supervisor Cluster deployed using the vSphere networking stack, and a HAProxy load balancer is being planned. In addition to the control plane management IP range and services P range, how many non-overlapping P address ranges are needed?

- A. 3
- B. 1
- C. 4
- D. 2

Correct Answer: B

QUESTION 5

Which command should be used by a developer to log in to the vSphere with Tanzu Supervisor Cluster?

- A. `vmwarectl login --server- --vsphere-username`
- B. `kubectl vsphere login --server= --vsphereusername`
- C. `vmwarectl vsphere login --server-- --vsphereusername`
- D. `kubectl login --server= --vsphere-username`

Correct Answer: B

QUESTION 6

The creation of which object by an administrator in the vSphere client automatically results in the creation of a new segment within NSX-T?

- A. Service
- B. Pod
- C. Network policy
- D. Namespace

Correct Answer: C

QUESTION 7

A development team has deployed a Tanzu Kubernetes cluster and would like to verify the version of Kubernetes that is running. Which command will show this information?

- A. kubectl describe tkc dev-cluster
- B. kubectl explain tkg dev-cluster
- C. kubectl get version
- D. kubectl get vm dev-cluster

Correct Answer: D

QUESTION 8

The virtualization team supports many development teams on a Supervisor cluster. For a specific development team, they would like to limit persistent volumes that can be created on Tanzu Kubernetes clusters to only an NFS based storage array.

Which action should be taken to accomplish this goal?

- A. Use kubectl to create a storage class in the Supervisor cluster.
- B. Set a resource quota limiting the number of PVCs for that development team.
- C. Add a storage policy to that development team's Supervisor Namespace containing only the NFS datastore
- D. Disconnect non-NFS datastores from the ESXi hosts that make up the Supervisor cluster.

Correct Answer: B

QUESTION 9

Which requirement is valid for vSphere with Tanzu on vSphere Distributed Switch Network?

- A. Workload networks that are routable to the primary workload network
- B. HAProxy Virtual Server IP range that is allocated to NSX-T edge router external interface
- C. Network Interface Cards with Single Root IO Visualization Support (SR-IOV)
- D. HAProxy Frontend interface that has a common subnet and bridged interface to workload networks

Correct Answer: B

QUESTION 10

Why would developers choose to deploy an application as a vSphere Pod instead of a Tanzu Kubernetes cluster?

- A. They need the application to run as privileged pods.
- B. The application works with sensitive customer data, and they want strong resource and security isolation.
- C. They want to have root level access to the control plane and worker nodes in the Kubernetes cluster.

D. The application requires a version of Kubernetes that is above the version running on the supervisor cluster.

Correct Answer: B

QUESTION 11

A developer is connecting to a Tanzu Kubernetes Cluster using the kubectl vsphere login command

Which information must be specified, in addition to both the name of the cluster and the Supervisor Cluster Control Plane IP?

- A. The path to the existing kubeconfig file and the SSO Username
- B. The path to the existing kubeconfig file and the Token ID for the SSO credentials
- C. The name of the Supervisor Namespace and the Token ID for the SSO credentials
- D. The name of the Supervisor Namespace and the SSO Username

Correct Answer: B

QUESTION 12

Which two functions are provided by the NSX Container Plug-in (NCP)? (Choose two.)

- A. Implements Kubernetes Ingress with an NSX-T layer 7 load balancer
- B. Integrates with container-based PaaS such as Docker
- C. Creates an NSX-T logical topology for a Kubernetes cluster and a separate logical network for each Kubernetes namespace
- D. Configures Overlay Transport Zones
- E. Implements Kubernetes Ingress with an NSX-T layer 4 load balancer

Correct Answer: AC

QUESTION 13

What is the minimum number of virtual distributed portgroups that must be configured on the vSphere Distributed Switch before enabling Workload Management using the vSphere networking stack and a HAProxy load balancer?

- A. 2
- B. 1
- C. 4
- D. 3

Correct Answer: A

QUESTION 14

An organization is preparing to deploy vSphere with Tanzu and will be using the vSphere Networking stack.

How should the administrator allocate management network IP addresses for the Kubernetes Control Plane within the Supervisor Cluster?

- A. Five IP addresses are required, one for each of the Control Plane VMs, one for the floating IP address of the Control Plane VM, and one spare for performing rolling cluster upgrades
- B. Four f3 addresses are required, one for each of the Control Plane VMs and one spare for performing rolling cluster upgrades
- C. Three P addresses are required, one for each of the Control Plane VMs
- D. Six IP addresses are required, one for each of the Control Plane VMs, one for the floating IP address of the Control Plane VM, one for performing rolling cluster upgrades and one for the image Registry VM.

Correct Answer: A

QUESTION 15

To which network are HA Proxy virtual server IP addresses issued when using the vSphere networking stack default configuration?

- A. vMotion
- B. Overlay
- C. Primary workload
- D. Management

Correct Answer: C

The HAProxy virtual IP range where external services and DevOps users connect. In this configuration, HAProxy is deployed with two virtual NICs (Default configuration), one connected to the management network, and a second one connected to the Primary Workload Network. You must plan for allocating Virtual IPs on a separate subnet from the Primary Workload Network.

<https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-1F885AAE-92FF41E6-BF04-0F0FD4173BD9.html>

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