

VMware 3V0-24.25 Exam Questions - Tips To Pass



3V0-24.25 Exam Details

Exam Name	Advanced VMware Cloud Foundation 9.0 vSphere Kubernetes Service (VCAP - VKS)
Exam Code	3V0-24.25
Exam Price	\$250 USD
Duration	135 minutes
Number of Questions	60
Passing Score	300 / 500
Recommended Training / Books	VKS Advanced Design VKS Advanced Configuration VKS Advanced Troubleshooting
Schedule Exam	PEARSON VUE
Sample Questions	VMware 3V0-24.25 Sample Questions
Recommended Practice	VMware Certified Advanced Professional - VMware Cloud Foundation VKS Practice Test

3V0-24.25 Exam Syllabus

Section	Objectives
IT Architectures, Technologies, Standards	- Differentiate between VMs and containers to select the appropriate compute model. - Use Kubernetes architecture, networking, storage, service mesh, and Helm. - Determine the reference architecture (NSX, VDS, Zones) for a VKS deployment.
VMware Products and Solutions	- Configure vSphere Supervisor capabilities, services, and architecture topologies. - Configure Supervisor cluster networking with VDS, NSX Segments, or VPCs and apply appropriate load balancing solutions. - Configure Supervisor storage policies and persistent volume integration across zones. - Configure VKS identity and access using external providers and Kubernetes admin credentials. - Manage Kubernetes releases and content libraries (subscribed, local, and air-gapped) for VKS clusters. - Configure CNIs, NSX networking objects, and TLS certificates and secure VKS clusters.

Before we start develop a new 3V0-24.25 real exam, we will prepare a lot of materials. After all, we must ensure that all the questions and answers of the 3V0-24.25 exam materials are completely correct. First of all, we have collected all relevant reference books. Most of the 3V0-24.25 Practice Guide is written by the famous experts in the field. And we also add the latest knowledge points into the content of the 3V0-24.25 learning questions, so that they are always being up to date.

VMware 3V0-24.25 Exam Overview:

Certification Vendor:	VMware
Exam Name:	Advanced VMware Cloud Foundation 9.0 vSphere Kubernetes Service
Exam Number:	3V0-24.25
Real Exam Qty:	60
Exam Duration:	135 minutes
Certificate Validity Period:	2 years
Passing Score:	300 (scaled score out of 500)
Exam Price:	\$250 USD
Available Languages:	English
Related Certifications:	VMware Certified Professional - Cloud Foundation VMware Certified Professional - Kubernetes
Exam Format:	Multiple Choice, Multiple Selection, Drag and Drop, Matching, Build-List, Sequencing
Recommended Training:	VMware Cloud Foundation 9.0 Administration VMware Advanced vSphere Kubernetes Service Training
Exam Registration:	Pearson VUE Registration
Sample Questions:	VMware 3V0-24.25 Sample Questions

Exam Way:	Proctored online or onsite exam via Pearson VUE
Pre Condition:	Recommended: VMware Certified Professional - Cloud Foundation or equivalent experience; hands-on experience with vSphere, Kubernetes and VMware Cloud Foundation
Official Syllabus URL:	https://www.vmware.com/education-services/certification/3V0-24.25.html

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You can set time to test your study efficiency, so that you can accomplish your test within the given time when you are in the real 3V0-24.25 exam. Moreover, you can adjust yourself to the exam speed and stay alert according to the time-keeper that we set on our 3V0-24.25 training materials. Therefore, you can trust on our 3V0-24.25 Study Guide for this effective simulation function will eventually improve your efficiency and assist you to succeed in the 3V0-24.25 exam. Just have a try on our free demo of 3V0-24.25 exam questions!

VMware 3V0-24.25 Exam Syllabus Topics:

Topic	Details
Topic 1	IT Architectures, Technologies, Standards: This section covers the differentiation between VMs and containers, helping determine the appropriate compute model. It also includes understanding Kubernetes architecture, networking, storage, service mesh, Helm, and reference architectures for VKS deployments.
Topic 2	Plan and Design the VMware Solution: Covers evaluating the impact of load balancer sizing, namespace network options, and vSphere namespace architecture. It includes planning processes for enabling Supervisor clusters and implementing service mesh.
Topic 3	VMware Products and Solutions: Focuses on configuring vSphere Supervisor capabilities, networking, storage, identity, and access for Kubernetes clusters. It also covers managing Kubernetes releases, CNIs, NSX networking objects, TLS certificates, and securing VKS clusters.
Topic 4	Troubleshoot and optimize the VMware Solution: Focuses on diagnosing and resolving provisioning, connectivity, namespace, VM class, storage, networking, container, registry, and CA errors. It also includes recovering failed upgrades and optimizing cluster performance using monitoring and scaling tools.
Topic 5	- Install, Configure, Administrate the VMware Solution: Includes creating and managing Supervisor clusters, namespaces, zones, workloads, and add-on services. Also covers provisioning, scaling, updating VKS clusters, autoscalers, storage strategies, workload deployments, backup - restore, and editing YAML configurations.

VMware Advanced VMware Cloud Foundation 9.0 vSphere Kubernetes Service Sample Questions (Q58-Q63):

NEW QUESTION # 58

When diagnosing a "connectivity error" between a DevOps engineer's workstation and the Supervisor Control Plane, which architectural component is the primary entry point that must be validated first?

- A. The Distributed Port Group associated with the Namespace's Tier-1 Gateway.
- **B. The Virtual IP (VIP) assigned to the Supervisor Control Plane Service on the Load Balancer.**
- C. The Spherelet agent running on the ESXi host where the Control Plane VM resides.
- D. The Management Network IP address of the first Supervisor Control Plane VM.

Answer: B

NEW QUESTION # 59

A VKS Administrator needs to configure a TKG cluster to support taking snapshots of persistent volumes backed by vSAN.

Review the following VolumeSnapshotClass manifest being prepared:

```
apiVersion: snapshot.storage.k8s.io/v1
```

```
kind: VolumeSnapshotClass
```

```
metadata:
```

```
name: csi-vsphere-snapclass
```

```
driver: csi.vsphere.vmware.com
```

```
deletionPolicy: Delete
```

Which additional step is required to ensure this class is usable by developers in the default namespace?

- A. The class must be assigned to the vSphere Namespace in the vSphere Client.
- B. The vSphere CSI driver must be manually installed via Helm.
- C. A RoleBinding must be created to grant the default ServiceAccount use access to this class.
- **D. No additional steps are required; VolumeSnapshotClass is a cluster-scoped resource, making it available to all namespaces once applied.**

Answer: D

NEW QUESTION # 60

A Security Operations Analyst is reviewing the isolation boundaries for a multi-tenant financial application. The security policy mandates "Strong Isolation" where the container runtime must not share the host kernel directly, and the workload must be encapsulated in a distinct security boundary with a separate IP stack.

Review the following architectural options:

1. Containers running in a shared TKG Cluster (Docker/containerd runtime)
2. vSphere Pods running on the Supervisor

How does the vSphere Pod architecture meet this specific "Strong Isolation" requirement compared to standard containers in a VM? (Choose 2.)

- A. vSphere Pods are deployed inside a TKG Node, inheriting the security context of the worker node VM.
- **B. vSphere Pods utilize NSX to provide a dedicated network stack and IP address per pod, avoiding port conflicts and shared networking namespaces common in node-sharing containers.**
- C. vSphere Pods share the Guest OS kernel of the Supervisor Control Plane VM, providing centralized security patching.
- **D. vSphere Pods wrap containers in a lightweight VM boundary, ensuring the workload interacts with a dedicated paravirtualized kernel (CRX) rather than the shared ESXi kernel.**
- E. vSphere Pods run as bare-metal processes on ESXi, removing the hypervisor layer entirely for speed.

Answer: B,D

NEW QUESTION # 61

A Security Operations Analyst is designing a Role-Based Access Control (RBAC) strategy for the finance namespace. The strategy must enforce the principle of least privilege.

Requirements:

1. Auditors: Read-only access to all resources.
2. Developers: Ability to create Deployments, Services, and ConfigMaps, but cannot delete Persistent Volumes or modify Resource Quotas.
3. Admins: Full control.

Review the available default ClusterRoles in vSphere with Tanzu:

```
* view
```

```
* edit
```

```
* admin
```

```
* cluster-admin
```

Which mapping of Groups to Roles correctly satisfies these requirements? (Select all that apply.)

- **A. Map the Auditors group to the view ClusterRole.**
- B. Map the Auditors group to cluster-admin to ensure they can see everything.
- **C. Map the Admins group to the admin ClusterRole (within the namespace).**
- **D. Map the Developers group to the edit ClusterRole.**
- E. Map the Developers group to a custom Role dev-limited because the default edit role allows deleting Persistent Volume Claims (PVCs) which triggers PV deletion, and potentially allows resource consumption beyond intent if Quotas aren't strictly

locked by the admin role.

Answer: A,C,D

NEW QUESTION # 62

A Platform Engineer is troubleshooting an issue where an Ingress resource created for the finance- app is not receiving an external IP address. The Contour Ingress Controller is installed and running.

Review the Ingress manifest and status:

```
apiVersion: networking.k8s.io/v1
kind: Ingress
metadata:
  name: finance-ingress
  namespace: finance
  annotations:
    kubernetes.io/ingress.class: "contour"
spec:
  rules:
  - host: finance.corp.local
  http:
    paths:
    - path: /
      pathType: Prefix
    backend:
      service:
        name: finance-service
        port:
          number: 80
  status:
    LoadBalancer: {} (Empty)
```

The engineer checks the Envoy service status (`kubectl get svc -n tanzu-system-ingress envoy`) and sees:

NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S)

envoy LoadBalancer 10.96.134.45 <pending> 80:31368/TCP, 443:32252/TCP What is the root cause of the Ingress malfunction? (Choose 2.)

- **A. The Supervisor Cluster has run out of available Floating IPs in the Load Balancer IP Pool assigned to the namespace/cluster.**
- B. The finance-service does not exist or is unhealthy.
- **C. The Envoy Service itself (the data plane) has failed to acquire an External IP (VIP) from the underlying infrastructure Load Balancer (NSX/Avi/HAProxy), which propagates the pending state to the Ingress resources.**
- D. The Ingress resource is missing the annotation `ingress.kubernetes.io/force-ip-allocation: true`.
- E. The Ingress Class name should be `nginx` instead of `contour`.

Answer: A,C

NEW QUESTION # 63

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