2022 Updated Verified Pass 1V0-71.21 Study Guides & Best Courses [Q27-Q46
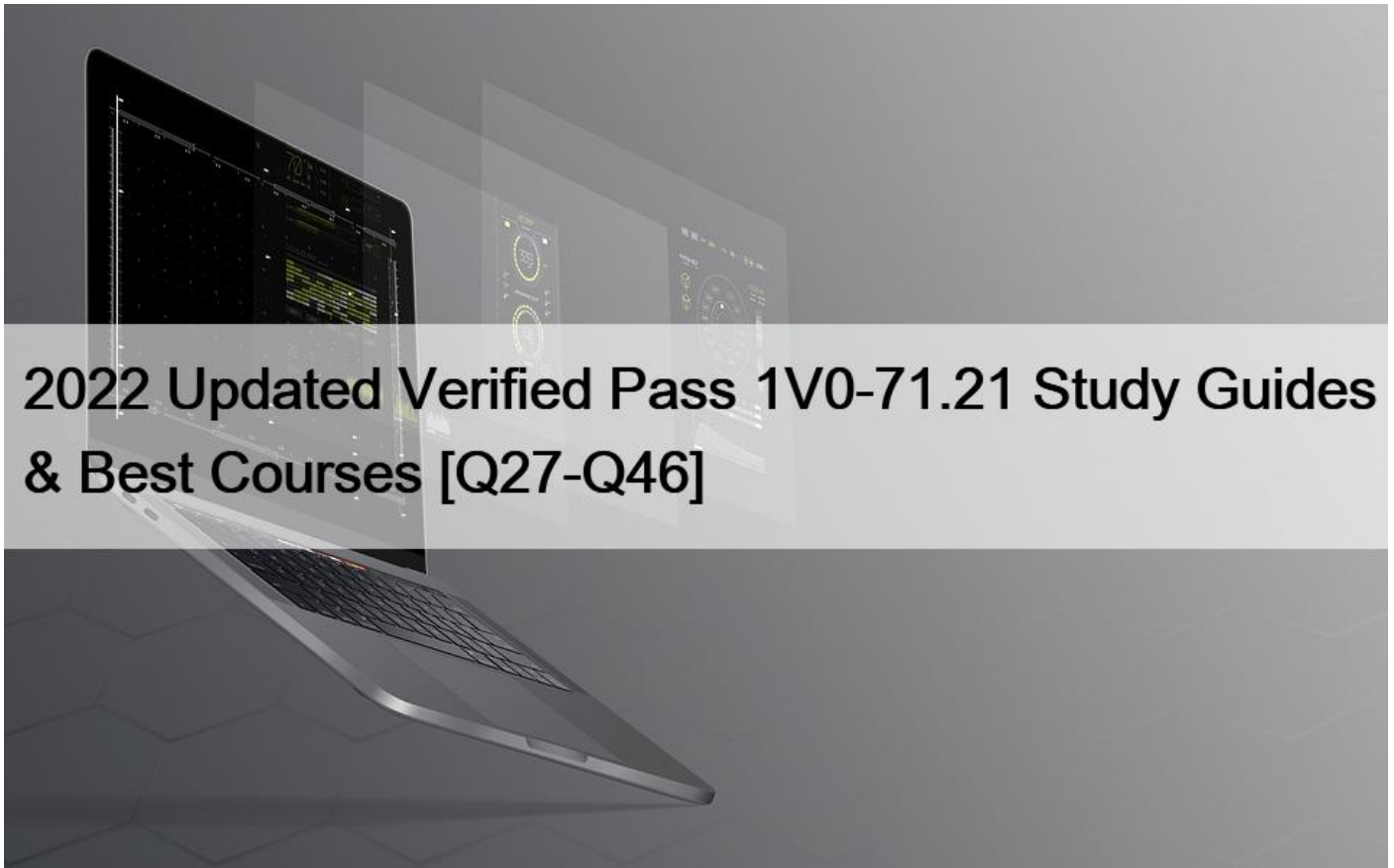

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NO.27 What is the minimum VMware Tanzu Edition that can be used to deploy Tanzu Kubernetes Grid on AWS?
* Tanzu Advanced
* Tanzu Enterprise
* Tanzu Standard
* Tanzu Basic

NO.28 Why do enterprises need Application Modernization?
* To build new applications is the only way to achieve a modern application
* To realize the benefits of unstructured data over relational databases
* The cost of maintaining older applications are too great
* To migrate all applications to the cloud

NO.29 What are three capabilities of the VMware Tanzu Portfolio? (Choose three.)
* Unified, Global Multi-Cluster Management
* Container Build Automation
* Physical Infrastructure Automation

* Integrated Developer Environment (IDE)
* Tanzu Programming Language
* Enterprise-Ready Kubernetes Runtime

NO.30 What does it mean by a “lift and shift” approach regarding moving applications to the cloud?
* Retiring the application and replacing it with a different application
* Code changes and user facing changes
* No code changes and no user facing changes
* Code changes and no user facing changes

NO.31 What is the result of Continuous Delivery?
* An application build has been produced and ready for deployment to production
* A broken application build is able to be fixed rapidly
* An application build artifact has been produced
* An application build has been produced and deployed to production

NO.32 What are two features of Tanzu Application Catalog? (Choose two.)
* Backups and restores Kubernetes components from a graphical user interface.
* Provides production ready open source container images.
* Migrates legacy .NET applications to a Kubernetes infrastructure.
* Creates a custom Operating System image.
* Creates a deployment from an extensive library of application components, databases, and runtimes.

NO.33 Which are the four components in Tanzu Build Service? (Choose four.)
* Image Cluster
* Builder
* ClusterStore
* ClusterStack
* Image
* Builder Stack
* Builder Store

NO.34 Which statement is FALSE regarding Kubernetes Services?
* A service can be pointed to another service.
* All services require selectors to function properly.
* Services expose applications running on a pod or set of pods.
* Services enable communication between pods running on different nodes.

NO.35 What functionalities does Velero provide? (Choose three.)
* A Helm chart repository
* An application Continuous Deployment (CD) tool
* A Kubernetes resource migration tool
* A disaster recovery tool
* A Kubernetes cluster deployment tool
* A tool to safely perform backups and restores

NO.36 List three benefits of Tanzu Mission Control: (Choose three.)
* Converts your Kubernetes Clusters to ClusterAPI Mode
* Enhances operational efficiency
* Strengthens security and compliance

* Provides CI/CD Pipeline Automation
* Increases developer agility and productivity

NO.37 What is Sonobuoy?
* An observability plugin for Kubernetes nodes
* A diagnostic tool used to understand the state of a Kubernetes cluster
* A distributed tracing platform used for monitoring microservices-based distributed systems
* A container networking interface plugin

NO.38 Which state is invalid in a Pod’s lifecycle?
* Failed
* Running
* Succeeded
* Setup
* Pending

NO.39 If a Kubernetes Pod cannot be scheduled, where can the reason be found?
* Pod Spec
* Event
* Container logs
* Pod Status

NO.40 Which are three valid ways to specify a Namespace when creating an object in Kubernetes? (Choose three.)
* Specifying the Namespace in a ConfigMap
* Specifying the Namespace in the container image for the object provided to “kubectl apply”
* Specifying the Namespace in the context of the kubectl configuration file
* Specifying the Namespace as an environment variable
* Specifying the Namespace in the manifest file for the object provided to “kubectl apply”
* Using the “–namespace” option when issuing a kubectl command

NO.41 What is the valid way to deploy a Pod in a Kubernetes cluster?
* Copy a manifest file to the API server in the /etc/kubernetes/pods directory
* SSH to the worker node where the Pod is desired to run and issue the command “kubectl apply -f myPod.yaml”
* Copy a manifest file to a worker node in the /etc/kubernetes/pods directory
* Issue the command “kubectl apply -f myPod.yaml”

NO.42 Which open source project is part of the Cloud Native Computing Foundation (CNCF)?
* Spring
* Harbor
* Apache
* vSphere 7.0

NO.43 What is the purpose of a container?
* Make it difficult to change the environment that an application runs on
* Abstract a running application from the environment that it runs on
* Make it easy to change the runtime that an application uses
* Allow a complex application to run as a single unit

NO.44 List three benefits of vSphere with Tanzu: (Choose three.)
* Aligns DevOps and IT

* Manages cost in the cloud
* Simplifies IT Operations
* Kubernetes Application Performance Management
* Optimizes application code
* Delivers Developer Ready Infrastructure

NO.45 Which are two cluster management capabilities of Tanzu Mission Control? (Choose two.)
* Data protection
* Multi-cloud distributed clusters
* Cluster migration
* Data encryption
* Cluster observability and diagnostic

NO.46 Which VMware product provides the ability to connect and protect microservices across any runtime and any cloud?
* Tanzu Network Profiler
* Tanzu Observability
* Tanzu Service Mesh
* NSX Advanced Load Balancer
References:

https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/vmware-tanzu-service-mesh-datasheet.pdf

VMware 1V0-71.21 Exam Syllabus Topics:

TopicDetailsTopic 1- Describe the purpose of Ingress controllers- Describe difference between Containers and VMsTopic 2-
Understand interacting with Kubernetes- Describe the types of servicesTopic 3- Understand VMware Tanzu Portfolio-
Describe the use of Service Mesh- Explain the use of App catalogsTopic 4- Declarative versus Imperative design pattern for
Kubernetes- Describe the purpose of ConfigMapsTopic 5- Describe application modernization- Compare Observability with
MonitoringTopic 6- Describe the relationship between Kubernetes and Containers- Understand the basic architecture of
KubernetesTopic 7- Identify products in the Tanzu portfolio- Describe the types of Tanzu EditionsTopic 8- Understand
troubleshooting methods- Describe the purpose of Containers

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