VMware 1V0-71.21

VMWARE VCTA-AM 2023 CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

1V0-71.21

VMware Certified Technical Associate - Application Modernization 2023 (VCTA-AM 2023)

60 Questions Exam – 300 / 500 Cut Score – Duration of 130 minutes

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Table of Contents

Know Your 1V0-71.21 Certification Well:

The 1V0-71.21 is best suitable for candidates who want to gain knowledge in the VMware Application Modernization. Before you start your 1V0-71.21 preparation you may struggle to get all the crucial VCTA-AM 2023 materials like 1V0-71.21 syllabus, sample questions, study guide.

But don't worry the 1V0-71.21 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 1V0-71.21 syllabus?
- How many questions are there in the 1V0-71.21 exam?
- Which Practice test would help me to pass the 1V0-71.21 exam at the first attempt?

Passing the 1V0-71.21 exam makes you VMware Certified Technical Associate - Application Modernization 2023 (VCTA-AM 2023). Having the VCTA-AM 2023 certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

VMware 1V0-71.21 VCTA-AM 2023 Certification Details:

Exam Name	Associate VMware Application Modernization (VCTA-AM 2023)
Exam Code	1V0-71.21
Exam Price	$125 USD
Duration	130 minutes
Number of Questions	60
Passing Score	300 / 500
Recommended Training / Books	**kube.academy (Free)** **VMware Application Modernization: Core Technical Skills (Note: VMware Connect Learning - Premium Subscription is required)**
Schedule Exam	**PEARSON VUE**
Sample Questions	**VMware 1V0-71.21 Sample Questions**
Recommended Practice	**VMware Certified Technical Associate - Application Modernization 2023 (VCTA-AM 2023) Practice Test**

1V0-71.21 Syllabus:

Section	Objectives
Architecture and Technologies	- Kubernetes • Describe the purpose of Containers • Describe difference between Containers and VMs • Describe the relationship between Kubernetes and Containers • Understand the basic architecture of Kubernetes • Declarative versus Imperative design pattern for Kubernetes • Understand interacting with Kubernetes • Understand the POD • Understand services • Understand deployment • Describe the types of services • Describe the purpose of Ingress controllers • Understand Namespaces • Understand troubleshooting methods • Describe the purpose of ConfigMaps - Application Modernization • Describe application modernization • Explain the need for app modernization • Describe the importance of Microservices • Describe CI/CD Pipelines • Building Container Images • Understand Image registry and functions • Explain the use of App catalogs • Describe Platform as a Service • Describe Infra as Code (IaC) • Describe the use of Service Mesh • Compare Observability with Monitoring
Products and Solutions	- Understand VMware Tanzu Portfolio - Describe the types of Tanzu Editions (Basic, Standard, Advanced, Enterprise) - Describe the use cases the Tanzu Portfolio solves, and the outcomes deliver - Identify products in the Tanzu portfolio • Tanzu Kubernetes Grid • VMware Tanzu Mission Control • VMware Tanzu Observability

Section	Objectives
	• VMware Tanzu Service Mesh • Tanzu Application Service • Tanzu Build Service • Tanzu Application Catalog • Tanzu open source products - Understand open-source software in the VMware Tanzu strategy and how it relates to the Cloud Native Computing Foundation (CNCF)
Planning and Designing	
Installing, Configuring, and Setup	
Performance-tuning, Optimization, and Upgrades	

VMware 1V0-71.21 Sample Questions:

Question: 1

Which Tanzu product enables users to monitor, observe, and analyze infrastructure and application health?

a) Tanzu Kubernetes Grid
b) Tanzu Application Catalog
c) Tanzu Build Service
d) Tanzu Observability

Answer: d

Question: 2

What are two responsibilities of the Kubernetes API server component?

(Choose two.)

a) To restart containers that have crashed
b) To query and manipulate the state of API objects in Kubernetes
c) To relay Kubernetes API requests to the appropriate Kubernetes component
d) To determine which node a Pod should be assigned to
e) To reject API requests that do not validate against the Kubernetes API

Answer: b, e

Question: 3

What is the purpose of a ConfigMap in Kubernetes?

a) To map configuration data to Kubernetes Object types
b) To set configuration data separately from application code
c) To configure geospatial objects in Kubernetes
d) To map Kubernetes objects to Namespaces

Answer: b

Question: 4

What are three names of services provided by VMware vSphere with Tanzu?

(Choose three.)

a) Application Automation Service
b) Tanzu Kubernetes Grid Service
c) Container Build Service
d) Storage Service
e) Observability Service
f) Network Service

Answer: b, d, f

Question: 5

How do Kubernetes Ingress Controllers run?

a) As a system service installed to the OS of a worker node
b) As one or more pods in the same cluster to where they are forwarding traffic
c) As a controller inside the Kubernetes Scheduler component
d) As a controller inside the Kubernetes Controller Manager component

Answer: b

Question: 6

Which open-source solution provides log processing and forwarding in Tanzu Kubernetes Grid?

a) Harbor
b) Ansible
c) Fluent Bit
d) Apache

Answer: c

Question: 7

Why do enterprises need Application Modernization?

- a) The cost of maintaining older applications are too great
- b) To migrate all applications to the cloud
- c) To realize the benefits of unstructured data over relational databases
- d) To build new applications is the only way to achieve a modern application

Answer: a

Question: 8

Which VMware Tanzu Edition can deploy Tanzu Kubernetes Grid on vSphere ONLY?

- a) Tanzu Platinum
- b) Tanzu Advanced
- c) Tanzu Limited
- d) Tanzu Basic

Answer: d

Question: 9

When building container images, what does the term "Dockerfile" refer to?

- a) A text file containing instructions for building a Docker container image
- b) A pre-built Docker container image
- c) A script used for automating Kubernetes deployment
- d) A configuration file for defining network policies in Kubernetes

Answer: a

Question: 10

If a Kubernetes Pod cannot be scheduled, where can the reason be found?

- a) Pod Spec
- b) Event
- c) Container logs
- d) Pod Status

Answer: b

Study Guide to Crack VMware VCTA-AM 2023 1V0-71.21 Exam:

- Getting details of the 1V0-71.21 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 1V0-71.21 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the VMware provided training for 1V0-71.21 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 1V0-71.21 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 1V0-71.21 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 1V0-71.21 Certification

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