VMware 1V0-71.21

VMware VCTA-AM 2024 Certification Questions & Answers

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1V0-71.21

VMware Certified Technical Associate - Application Modernization 2024 (VCTA-AM 2024)

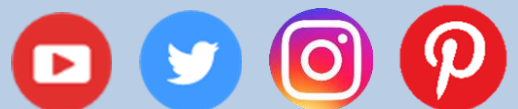60 Questions Exam – 300 / 500 Cut Score – Duration of 130 minutes

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Discover More about the 1V0-71.21 Certification

Are you interested in passing the VMware 1V0-71.21 exam? First discover, who benefits from the 1V0-71.21 certification. The 1V0-71.21 is suitable for a candidate if he wants to learn about Application Modernization. Passing the 1V0-71.21 exam earns you the VMware Certified Technical Associate - Application Modernization 2024 (VCTA-AM 2024) title.

While preparing for the 1V0-71.21 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The 1V0-71.21 PDF contains some of the most valuable preparation tips and the details and instant access to useful 1V0-71.21 study materials **just at one click**.

VMware 1V0-71.21 Application Modernization 2024 Certification Details:

Exam Name	Associate VMware Application Modernization (VCTA-AM 2024)
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**
Schedule Exam	**PEARSON VUE**
Sample Questions	**VMware 1V0-71.21 Sample Questions**
Recommended Practice	**VMware Certified Technical Associate - Application Modernization 2024 (VCTA-AM 2024) 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

Section	Objectives
	- Identify products in the Tanzu portfolio • Tanzu Kubernetes Grid • VMware Tanzu Mission Control • VMware Tanzu Observability • 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	

Broaden Your Knowledge with VMware 1V0-71.21 Sample Questions:

Question: 1

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: 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

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

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

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: 7

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: 8

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: 9

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: 10

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

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

Answer: c

Avail the Study Guide to Pass VMware 1V0-71.21 Application Modernization 2024 Exam:

- Find out about the 1V0-71.21 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the **1V0-71.21 syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the 1V0-71.21 training. Joining the VMware provided training for 1V0-71.21 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **1V0-71.21 sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. 1V0-71.21 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

- Passing the 1V0-71.21 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the 1V0-71.21 Certification

VMExam.Com is here with all the necessary details regarding the 1V0-71.21 exam. We provide authentic practice tests for the 1V0-71.21 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on VMExam.Com for rigorous, unlimited two-month attempts on the **1V0-71.21 practice tests**, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the VMware Certified Technical Associate - Application Modernization 2024 (VCTA-AM 2024).

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https://www.vmexam.com/vmware/1v0-71-21-associate-vmware-application-modernization**