

VMware 2V0-11.24

VMWARE VCP - VCF ADMINISTRATOR CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

2V0-11.24

**VMware Certified Professional - VMware Cloud Foundation Administrator (VCP-
VCF Admin) 2024**

70 Questions Exam – 300 / 500 Cut Score – Duration of 135 minutes

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Table of Contents

Know Your 2V0-11.24 Certification Well:.....	2
VMware 2V0-11.24 VCP-VCF Admin Certification Details:	2
2V0-11.24 Syllabus:	3
VMware 2V0-11.24 Sample Questions:	13
Study Guide to Crack VMware VCP-VCF Admin 2V0- 11.24 Exam:	16

Know Your 2V0-11.24 Certification Well:

The 2V0-11.24 is best suitable for candidates who want to gain knowledge in the VMware Data Center Virtualization. Before you start your 2V0-11.24 preparation you may struggle to get all the crucial VCP-VCF Admin materials like 2V0-11.24 syllabus, sample questions, study guide.

But don't worry the 2V0-11.24 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 2V0-11.24 syllabus?
- How many questions are there in the 2V0-11.24 exam?
- Which Practice test would help me to pass the 2V0-11.24 exam at the first attempt?

Passing the 2V0-11.24 exam makes you VMware Certified Professional - VMware Cloud Foundation Administrator (VCP-VCF Admin) 2024. Having the VCP-VCF Admin 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 2V0-11.24 VCP-VCF Admin Certification Details:

Exam Name	VMware Cloud Foundation 5.2 Administrator (VCP-VCF Admin)
Exam Code	2V0-11.24
Exam Price	\$250 USD
Duration	135 minutes
Number of Questions	70
Passing Score	300 / 500
Recommended Training / Books	VMware Cloud Foundation: Deploy, Manage, Configure
Schedule Exam	PEARSON VUE
Sample Questions	VMware 2V0-11.24 Sample Questions
Recommended Practice	VMware Certified Professional - VMware Cloud Foundation Administrator (VCP-VCF Admin) 2024 Practice Test

2V0-11.24 Syllabus:

Section	Objectives
IT Architectures, Technologies, Standards	
VMware by Broadcom Solution	<ul style="list-style-type: none"> - Identify the VMware Cloud Foundation components (vSphere, vSAN, NSX) and architecture (including stretched) - Describe the requirements for implementing private cloud solutions based on VMware Cloud Foundation - Identify the use cases for the different components of the VMware Aria Suite (including VMware Cloud Foundation Network Operations) - Identify the use cases for vSphere IaaS control plane (formerly vSphere with Tanzu) based on VMware Cloud Foundation - Identify the use cases for Data Services Manager - Identify the use cases for VMware Cloud Foundation Add-Ons
Plan and Design the VMware by Broadcom Solution	
Install, Configure, Administrate the VMware by Broadcom Solution	<ul style="list-style-type: none"> - Identify the installation and configuration process (bring-up) for VMware Cloud Foundation components - Deploy and configure a VMware Cloud Foundation management domain <ul style="list-style-type: none"> • Deploy and configure a VMware Cloud Foundation management domain using VMware Cloud Builder <ul style="list-style-type: none"> - Validate the prerequisites for deploying VMware Cloud Foundation - Deploy the VMware Cloud Builder appliance - Prepare ESXi hosts - Deploy the VMware Cloud Foundation management domain (including vCenter, vSAN, NSX, and SDDC Manager) using VMware Cloud Builder • Configure the VMware Cloud Foundation management

Section	Objectives
	<p>domain.</p> <ul style="list-style-type: none"> - Identify the different backup methods for components within the VMware Cloud Foundation management domain - Configure the Backup of VMware Cloud Foundation Management Components - Identify the use case for certificate management in VMware Cloud Foundation - Configure Certificate Management - Configure Password Management <p>- Deploy and configure an NSX Edge Cluster</p> <ul style="list-style-type: none"> • Validate the prerequisites for deploying an NSX Edge Cluster <ul style="list-style-type: none"> - Identify the uplink requirements for deploying an NSX edge cluster - Identify the TEP requirements for deploying an NSX edge cluster • Scale an NSX Edge cluster by adding or removing edge transport nodes • Given a scenario, identify the role of BGP in route propagation with NSX Edge Cluste <p>- Deploy VMware Aria Suite Lifecycle using SDDC Manager</p> <ul style="list-style-type: none"> • Validate prerequisites for deploying Aria Suite Lifecycle. • Create Application Virtual Networks (AVNs) in preparation for deploying the VMware Aria Suite • Complete basic configuration of VMware Aria Suite Lifecycle <p>- Deploy VMware Aria Suite using VMware Aria Suite Lifecycle</p> <ul style="list-style-type: none"> • Validate the prerequisites for deploying the VMware Aria Suite • Deploy VMware Aria Suite

Section	Objectives
	<ul style="list-style-type: none"> - Deploy and configure a virtual infrastructure (VI) workload domain using SDDC Manager. <ul style="list-style-type: none"> • Validate prerequisites for deploying a VI Workload Domain • Identify the steps for deploying a VI workload domain • Deploy a VI Workload Domain using SDDC Manager - Enable vSphere IaaS control plane (formerly workload management) within VMware Cloud Foundation <ul style="list-style-type: none"> • Identify the prerequisites for enabling Workload Management <ul style="list-style-type: none"> - Identify NSX Edge requirements for enabling Tanzu on a Cloud Foundation workload domain - Identify Overlay network requirements for enabling Tanzu on a Cloud Foundation workload domain - Identify Ingress and Egress network requirements for enabling Tanzu on a Cloud Foundation workload domain - Validate prerequisites to enable and configure Supervisor - Create and configure a vSphere Namespace <ul style="list-style-type: none"> • Download the vSphere CLI tools to a developer workstation - Deploy stretched clusters across availability zones for VMware Cloud Foundation. <ul style="list-style-type: none"> • Validate the requirements for deploying stretched clusters • Identify the procedure for deploying stretched clusters - Deploy and manage VMware Cloud Foundation using the VMware Cloud Foundation APIs Objective - Given a scenario, scale a VMware Cloud Foundation deployment.

Section	Objectives
	<ul style="list-style-type: none"> • Validate the prerequisites for host commissioning • Add hosts using host commissioning • Remove hosts using host decommissioning • Scale a cluster within VMware Cloud Foundation <ul style="list-style-type: none"> - Add a host to the existing cluster - Remove a host from an existing cluster • Scale a VMware Cloud Foundation Domain <ul style="list-style-type: none"> - Add a cluster to an existing VMware Cloud Foundation Domain - Remove a cluster from an existing VMware Cloud Foundation Domain • Scale a VMware Cloud Foundation deployment with a workload domain <ul style="list-style-type: none"> - Add a workload domain to an existing VCF deployment - Remove a workload domain from an existing VCF deployment <p>- Given a scenario, perform Day 2 Operations within VMware Cloud Foundation SDDC Manager</p> <ul style="list-style-type: none"> • Implement backup and recovery strategies for VMware Cloud Foundation components. • Perform lifecycle management for VMware Cloud Foundation components. • Perform update/rotate/and sync for passwords managed by the SDDC Manager • Perform rotation of certificates managed by the SDDC Manager • Upgrade VMware Cloud Foundation <ul style="list-style-type: none"> - Differentiate between the types of bundles available in VMware Cloud Foundation - Based on a scenario, identify the correct upgrade procedure for VMware Cloud Foundation. - Download update bundles in a connected environment

Section	Objectives
	<p>using the SDDC Manager UI</p> <ul style="list-style-type: none"> - Download update bundles in a disconnected environment using the Offline Bundle Transfer Utility (OBTU) CLI tool - Apply software updates using the Async Patch CLI Tool - Perform an update pre-check for a workload domain in preparation for performing an upgrade <p>- Given a scenario, perform Day 2 Operations within VMware vCenter.</p> <ul style="list-style-type: none"> • Given a scenario, configure Role-based Access Control to vCenter <ul style="list-style-type: none"> - Identify the capabilities of the different out of the box roles within vCenter - Create vCenter Roles - Add an identity source (such as Active Directory) to vCenter - Assign Roles to Users/Groups - Assign Permissions to Users/Groups <p>- Given a scenario, manage the lifecycle of a Virtual Machine.</p> <ul style="list-style-type: none"> • Create a Virtual Machine template • Create a Virtual Machine from a VM Template • Create a Virtual Machine from an ISO/OVA • Destroy a Virtual Machine • Given a scenario, manage virtual machine snapshots <ul style="list-style-type: none"> - Identify the capabilities of the different out of the box roles within vCenter - Create vCenter Roles - Add an identity source (such as Active Directory) to vCenter - Assign Roles to Users/Groups - Understand the impact of completing different snapshot operations.

Section	Objectives
	<ul style="list-style-type: none"> • Given a scenario, complete day 2 operations on a virtual - Given a scenario, configure vSphere Networking components <ul style="list-style-type: none"> • Configure a Virtual Distributed Switch • Configure Network IO Control • Configure a Port Group - Given a scenario, configure Content Libraries to manage resources <ul style="list-style-type: none"> • Create a Content Library • Publish a Content Library • Subscribe to a Content Library - Given a scenario, configure vSphere storage components <ul style="list-style-type: none"> • Given a scenario, configure VM storage policies - Given a scenario, manage ESXi hosts <ul style="list-style-type: none"> • Given a scenario, manage host lifecycle using VMware Lifecycle Manager images • Given a scenario, secure a ESXi host • Given a scenario, configure a ESXi host and host profile - Given a scenario, secure workloads and infrastructure using encryption <ul style="list-style-type: none"> • Given a scenario, identify how to secure workloads using Virtual Machine Encryption • Given a scenario, identify how to secure workloads using host-based encryption • Given a scenario, identify how to secure vMotion with encryption - Given a scenario, perform Day 2 Operations within VMware NSX.

Section	Objectives
	<ul style="list-style-type: none"> • Given a scenario, create a segment using VMware NSX • Given a scenario, configure logical routing in NSX • Configure logging for NSX components • Differentiate between the use cases for deploying a new NSX Fabric vs. joining an existing NSX Fabric • Create a VPC and configure projects to enable multi-tenancy in NSX • Given a scenario, identify the use cases for VMware NSX advanced features • Given a scenario, configure VMware NSX advanced features <ul style="list-style-type: none"> - Configure a DHCP server for an NSX Segment - Configure an NSX load balancer (not AVI) - Configure Network Address Translation (NAT) in VMware NSX - Configure an IP Pool and IP Block - Configure VPN service for NSX - Given a scenario, perform Day 2 Operations for VMware vSAN. <ul style="list-style-type: none"> • Configure and manage storage resources, policies, and performance using VMware vSAN and other storage technologies • Identify the procedure for setting vSAN in maintenance mode • Identify steps to add storage to a vSAN datastore • Identify use cases for enabling/disabling vSAN health alerts - Given a scenario, perform Day 2 Operations within VMware Aria Suite <ul style="list-style-type: none"> • Given a scenario, perform Day 2 Operations within VMware Aria Suite Lifecycle <ul style="list-style-type: none"> - Patch / upgrade the components of VMware Aria Suite

Section	Objectives
	<p>(including Aria Operations for Networks)</p> <ul style="list-style-type: none"> • Complete SSL Certificate Management for the Aria Suite Components (including Aria Operations for Networks) <ul style="list-style-type: none"> - Differentiate between the different certificate creation - Identify the steps for creating an SSL Certificate - Create a Certificate Request - Generate a self-signed SSL certificate - Import a CA-signed certificate - Apply an SSL certificate to a Aria Suite Component • Complete License Management for the Aria Suite Components (including Aria Operations for Networks) • Given a scenario, scale an existing Aria Suite Deployment. • Configure Multi-Organizational Tenancy <ul style="list-style-type: none"> - Identify the prerequisites for enabling Multi-Organizational Tenancy - Enable Multi-Organizational Tenancy in Aria Suite Lifecycle • Create a Log Bundle for an Aria Suite component • Configure Content Management in Aria Suite Lifecycle • Given a scenario, operationalize VMware Cloud Foundation with the VMware Aria Suite <ul style="list-style-type: none"> - Manage the health, performance, compliance and capacity of the VMware Cloud Foundation environment using VMware Aria Operations - Automate deployment and configuration of workloads using VMware Aria Automation - Implement log event monitoring and management with VMware Aria Operations for Logs - Monitor networks using Aria Operations for Networks - Configure single sign-on using VMware Identity Manager (aka Workspace ONE Access) <p>- Deploy workloads on vSphere IaaS control plane (formerly</p>

Section	Objectives
	vSphere with Tanzu) - Given a scenario, perform virtual machine migrations, operations or tasks using HCX
Troubleshoot and Optimize the VMware by Broadcom Solution	- Diagnose and identify technical issues related to the deployment of VMware Cloud Foundation - Diagnose and identify technical issues related to VMware Cloud Foundation. <ul style="list-style-type: none"> • Identify the relevant tools for troubleshooting technical issues related to VMware Cloud Foundation • Diagnose and identify technical issues related to VMware Cloud Foundation SDDC Manager • Diagnose and identify technical issues related to VMware vSphere (including Hosts, Clusters, Networking and Storage) • Diagnose and identify technical issues related to VMware vSphere • Diagnose and identify technical issues related to VMware vSAN. • Diagnose and identify technical issues related to VMware NSX - Given a scenario, troubleshoot the VMware Cloud Foundation Deployment/Bring Up Process - Perform troubleshooting tasks for vSphere <ul style="list-style-type: none"> • Identify the procedure for setting a host in maintenance mode. • Resolve host connectivity issues • Resolve certificate issues • Troubleshoot vCLS • Troubleshoot snapshot issues • Troubleshoot vSphere HA host states

Section	Objectives
	<ul style="list-style-type: none"> • Troubleshoot lifecycle management <p>- Perform troubleshooting tasks for vSphere Networking</p> <ul style="list-style-type: none"> • Identify the health of an NSX Edge Cluster to include tier-0 and tier-1 routers. • Resolve NSX overlay network connectivity or configuration issues in VMware Cloud Foundation • Resolve network connectivity or configuration issues on a vSphere Distributed Switch • Resolve load balancing issues in NSX <p>- Perform troubleshooting tasks for vSAN</p> <ul style="list-style-type: none"> • Resolve connectivity or configuration issues with vSAN in VMware Cloud Foundation • Recover from a disk or controller failure in vSAN • Identify the process to update the vSAN database • Identify the process to update the driver/firmware in vSAN • Interpret the Skyline vSAN Health Score and complete remediation action(s) <p>- Identify and perform troubleshooting tasks in VMware Cloud Foundation SDDC Manager</p> <ul style="list-style-type: none"> • Resolve issues related to password management in VMware Cloud Foundation. • Identify how to use the "sos" CLI tool to identify potential health issues in VMware Cloud Foundation • Identify how to use the "sos" CLI tool to collect logs for a workload domain as part of a support request • Identify scenarios for using the SDDC Manager local admin account. • Identify how to query passwords for deployed components using SDDC Manager

Section	Objectives
	<ul style="list-style-type: none"> • Identify the steps to restart/resume a failed workflow <p>- Perform troubleshooting tasks with VMware Aria Suite</p> <ul style="list-style-type: none"> • Generate and analyze reports on infrastructure performance, capacity, utilization, and compliance • Optimize resource allocation and utilization to ensure efficient operation • Identify and implement improvements to enhance the efficiency, performance and reliability of the VMware Cloud Foundation environment • Verify the health of a VMware Cloud Foundation deployment <p>- Identify and perform troubleshooting of vSphere IaaS Control Plane and its components</p>

VMware 2V0-11.24 Sample Questions:

Question: 1

What is the primary tool used for troubleshooting vSphere IaaS Control Plane (formerly vSphere with Tanzu) issues in VMware Cloud Foundation?

- a) vRealize Operations Manager
- b) vSphere CLI
- c) vSphere Client
- d) VMware Tanzu CLI

Answer: d

Question: 2

During the deployment of a workload domain using SDDC Manager, which of the following is the primary consideration for storage configuration?

- a) vSAN storage policy
- b) Storage vMotion setup
- c) Network connectivity configuration
- d) Public cloud storage allocation

Answer: a

Question: 3

Which SDDC Manager component is responsible for upgrading VMware Cloud Foundation?

- a) vSphere Lifecycle Manager
- b) Maintenance Mode
- c) VMware Aria Suite Lifecycle
- d) Update Bundles

Answer: d

Question: 4

When deploying VMware Aria Suite Lifecycle in a VMware Cloud Foundation environment, what is the primary role of SDDC Manager during deployment?

- a) Provisioning and managing vSphere clusters
- b) Integrating VMware Cloud Foundation with public cloud resources
- c) Managing and configuring VMware Aria Suite components
- d) Scaling the VMware Aria suite across multiple clouds

Answer: c

Question: 5

Sequence the steps in VMware Cloud Foundation for performing a workload domain deployment using SDDC Manager.

1. Configure storage and networking
2. Prepare ESXi hosts for deployment
3. Deploy VMware Cloud Foundation
4. Validate prerequisites for workload domain deployment
5. Configure the VMware Cloud Foundation management domain

- a) 1, 2, 3, 4, 5
- b) 3, 1, 4, 2, 5
- c) 5, 3, 2, 4, 1
- d) 3, 2, 1, 4, 5

Answer: b

Question: 6

In VMware Cloud Foundation, which component is responsible for scaling and managing the deployment of NSX Edge clusters?

- a) SDDC Manager
- b) NSX Manager
- c) vCenter Server
- d) Aria Operations

Answer: a

Question: 7

In a VMware Cloud Foundation environment, which of the following components can be managed through SDDC Manager?

(Choose two)

- a) VMware Aria Suite components
- b) NSX Edge clusters
- c) vCenter Server settings
- d) vSAN storage policies

Answer: a, b

Question: 8

Which of the following are necessary to scale a VMware Cloud Foundation deployment?

(Choose two)

- a) Upgrade VMware Aria Suite
- b) Add a new ESXi host
- c) Add a new workload domain
- d) Add a host to the existing cluster

Answer: c, d

Question: 9

Which two configurations must be considered when scaling an NSX Edge Cluster in VMware Cloud Foundation?

- a) Ensure that the vCenter Server is set to HA mode
- b) Verify the BGP configuration for route propagation
- c) Add or remove edge transport nodes
- d) Ensure that storage policies are properly assigned

Answer: b, c

Question: 10

What are the two prerequisites when configuring vSphere IaaS Control Plane in VMware Cloud Foundation?

(Choose two)

- a) Establish network connectivity between the management and workload domains
- b) Ensure all ESXi hosts are running the latest version of VMware Cloud Foundation
- c) Ensure vSAN is configured for storage management
- d) Install NSX Edge for networking components

Answer: a, b

Study Guide to Crack VMware VCP-VCF Admin 2V0-11.24 Exam:

- Getting details of the 2V0-11.24 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 2V0-11.24 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 2V0-11.24 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 2V0-11.24 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 2V0-11.24 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 2V0-11.24 Certification

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