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#1 Cloud and VM Certification Guide

VMware 5V0-21.21

VMWARE HCI 2024 CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

5V0-21.21

VMware Certified Master Specialist - HCI 2024 [v2]

50 Questions Exam – 300 / 500 Cut Score – Duration of 100 minutes

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Know Your 5V0-21.21 Certification Well:

The 5V0-21.21 is best suitable for candidates who want to gain knowledge in the VMware Data Center Virtualization. Before you start your 5V0-21.21 preparation you may struggle to get all the crucial HCI 2024 materials like 5V0-21.21 syllabus, sample questions, study guide.

But don't worry the 5V0-21.21 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 5V0-21.21 syllabus?
- How many questions are there in the 5V0-21.21 exam?
- Which Practice test would help me to pass the 5V0-21.21 exam at the first attempt?

Passing the 5V0-21.21 exam makes you VMware Certified Master Specialist - HCI 2024 [v2]. Having the HCI 2024 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 5V0-21.21 HCI 2024 Certification Details:

Exam Name	VMware HCI Master Specialist (HCI 2024)
Exam Code	5V0-21.21
Exam Price	$250 USD
Duration	100 minutes
Number of Questions	50
Passing Score	300 / 500
Recommended Training / Books	VMware vSAN: Management and Operations [V7] VMware vSAN: Install, Configure, Manage [V7] VMware vSAN: Install, Configure, Manage [V8]
Schedule Exam	**PEARSON VUE**
Sample Questions	**VMware 5V0-21.21 Sample Questions**
Recommended Practice	**VMware Certified Master Specialist - HCI 2024 [v2] Practice Test**

5V0-21.21 Syllabus:

Section	Objectives
Architecture and Technologies	
VMware Products and Solutions	- Given a scenario, identify the VMware products and solutions that will interact with a vSAN Solution - Given a scenario, identify the VMware products and solutions that will consume a vSAN solution.
Planning and Designing	- Given a scenario, identify the appropriate vSAN cluster design. - Given a scenario, identify the appropriate vSAN services design. - Use vSAN design and sizing tools (sizing Cache tier for workload; no of nodes; VM sizing; Live Optics; HCI Bench etc.) - Given a scenario, identify the implications of integrating VMware solutions with vSAN. - Given a scenario, identify how to plan and size a vSAN implementation. - Given a scenario, identify the use cases for an HCI Mesh infrastructure.
Installing, Configuring, and Setup	
Performance-tuning, Optimization, and Upgrades	- Given a scenario, identify the appropriate vSAN upgrade methodology. - Given a scenario, identify how to apply the appropriate maintenance mode option. - Given a scenario, identify the appropriate method for managing disks and disk groups.
Troubleshooting and Repairing	- Given a scenario, identify the appropriate action to recover from a vSAN or infrastructure failure. - Given a scenario, identify the appropriate action to troubleshoot performance issues in a vSAN deployment. - Given a scenario, identify the steps to troubleshoot a stretched vSAN cluster. - Evaluate performance information in the UI and using vsantop
Administrative and Operational Task	- Identify vSAN data placement changes (stretched clusters, fault domains) - Identify the operational tasks required to manage an encrypted vSAN. - Given a scenario, identify the impact of making changes to a storage policy. - Given a scenario, identify the tasks to manage a stretched vSAN cluster.

VMware 5V0-21.21 Sample Questions:

Question: 1

In a stretched vSAN cluster, how is Read Locality established after fail over to the secondary site?

a) 100% of the reads comes from vSAN hosts on the local site
b) 50% of the reads comes from vSAN hosts on the local site
c) 100% of the reads comes from vSAN hosts on the remote site
d) 50% of the reads comes from vSAN hosts on the remote site

Answer: a

Question: 2

An administrator has an absent capacity disk. Which action, if any, should the administrator take to resolve the problem?

a) Wait, and vSAN will rebuild it.
b) Replace the faulty disk.
c) Replace the faulty host.
d) Verify the host is not isolated.

Answer: b

Question: 3

After a vSAN Witness Appliance network configuration, the vSAN administrator notices that vSAN traffic flows from vmk0 (Management Traffic) rather than vmk1 (vSAN Traffic). Which step should be taken to resolve this issue?

a) Configure vmk0 with IP address on the same range as that of vmk1
b) Tag the vmk0 for vSAN traffic.
c) Configure vmk1 with IP address on the different network than that of vmk0.
d) Tag the vmk1 for Witness traffic.

Answer: c

Question: 4

An architect is tasked to design a VMware Horizon Solution with vSAN. The architect needs to use a solution to host the user's profile shares in a highly available manner, and it must be guest OS independent Which solution will match these requirements?

a) Cluster out of the box
b) Cluster in a box
c) NFS on vSAN
d) iSCSI on vSAN

Answer: c

Question: 5

During a planning session for new vSAN clusters in multiple data centers, the customer relayed the following information:

- Highest possible mitigation during a host failure in terms of capacity.

- A constraint in this year's IT budget.

What should the architect recommend?

- a) Enable operations reserve. A minimum cluster of 3 vSAN nodes.
- b) Enable host build reserve. A minimum cluster of 4 vSAN nodes.
- c) Enable performance services. A minimum cluster of 6 vSAN nodes.
- d) Enable IOInsight Metrics. A minimum cluster of 2 vSAN ROBO nodes.

Answer: b

Question: 6

Upon checking the latency goal under vSAN performance diagnostics, the vSAN Administrator sees this message displayed: The increase in latency in the vSAN stack might be beyond expected limits.

Which two root causes can be identified to help remediate the issue?

(Choose two.)

- a) vSAN VMKemel portgroup is configured with the "Route based on IP hash" teaming policy
- b) vSAN encryption is enabled
- c) Large packet losses and retransmissions on the network layer
- d) Incorrect sizing of the disk groups capacity disks
- e) One or more disk groups are congested

Answer: c, e

Question: 7

A 30-minute power maintenance window has been approved on Sunday. Due to a delay, the maintenance took 20 minutes longer to finish. During this time, the vSAN administrator noticed that one of the clusters nodes was affected by a power shortage, as it was connected to an affected power source.

The default vSAN storage policy has been applied. What will be the status of the vSAN objects on the affected host immediately after it is recovered?

- a) The cluster will be partitioned and the vSAN host will need to be rejoined.
- b) All objects will remain accessible
- c) A rebuild of the affected objects will occur.
- d) All objects on the affected host will be lost.

Answer: b

Question: 8

Which two causes explain this behavior?

(Choose two.)

a) The cluster DRS threshold has been set to Aggressive
b) There is a vSAN node failure.
c) The vSAN Resync throttling is enabled.
d) The object repair timer value has been increased.
e) The vSAN policy protection level has changed from FIT=0 to FTT=1.

Answer: c, e

Question: 9

An architect is working with vSAN and setting the fault domains to support FTT=1. How many fault domains will be needed?

a) 2
b) 3
c) 4
d) 1

Answer: b

Question: 10

An architect is designing a vSAN cluster. Which storage controller option will yield optimal performance?

a) Hugh queue depth
b) Set caching to 50% read on the controller
c) Enable battery write-back caching
d) RAID 0

Answer: a

Study Guide to Crack VMware HCI 2024 5V0-21.21 Exam:

- Getting details of the 5V0-21.21 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 5V0-21.21 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 5V0-21.21 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 5V0-21.21 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 5V0-21.21 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 5V0-21.21 Certification

Make VMExam.com your best friend during your VMware HCI Master Specialist exam preparation. We provide authentic practice tests for the 5V0-21.21 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual 5V0-21.21 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the 5V0-21.21 exam.

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