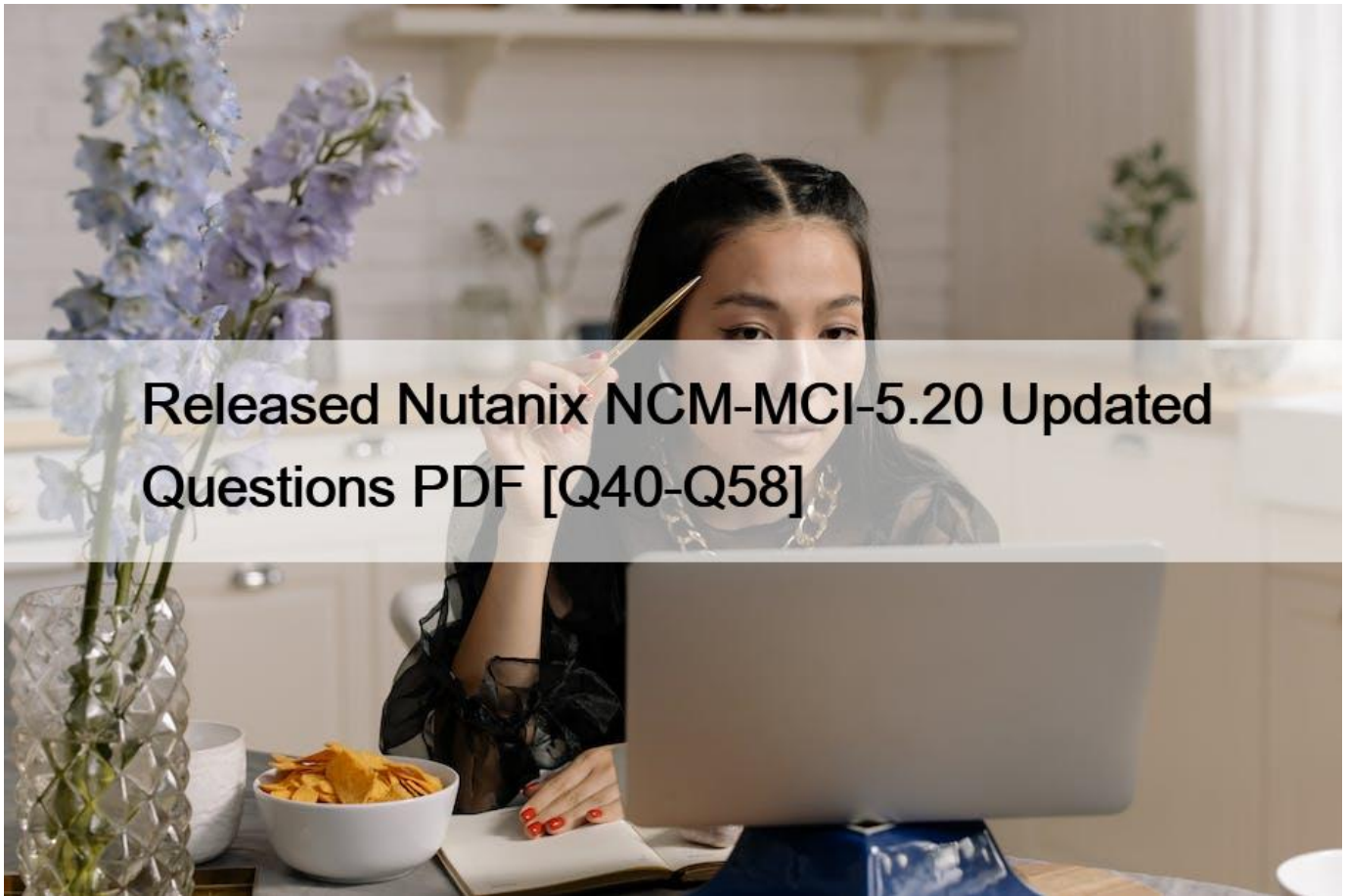


Released Nutanix NCM-MCI-5.20 Updated Questions PDF [Q40-Q58]



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Released Nutanix NCM-MCI-5.20 Updated Questions PDF
NCM-MCI-5.20 Dumps and Practice Test (166 Exam Questions)

Successful completion of the Nutanix NCM-MCI-5.20 certification exam demonstrates that a candidate has the knowledge and skills required to deploy, manage, and operate Nutanix solutions for multicloud infrastructures. Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) 5.20 certification is highly regarded in the IT industry and can lead to increased job opportunities and higher salaries for IT professionals.

NEW QUESTION 40

Refer to the exhibit.



An administrator creates a security policy that isolates their financial application from accessing the Internet. When viewing the policy in Prism Central, several connections from the application are outbound to the Internet.

What is causing this issue with the policy?

- * The 0.0.0.0 address was not specified in the outbound rule.
- * The blocked connections are illustrated for information only.
- * The Activate box was not checked in the rule, so it is not enforcing.
- * The policy has been left in monitor mode instead of enforcing mode.

<https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v510:mul-security-policy-management-pc-c.html>

NEW QUESTION 41

In an AHV cluster, an administrator needs to enable an application to share a disk b group but needs to enable the VMs to see the volume group.

How should the administrator accomplish this task?

- * Configure a virtual disk on each VM with identical attributes in the storage dashboard.
- * Add the volume group to the VM using the update link from the VM dashboard.
- * Add a disk to one VM and enable read/write on it from the other VM.
- * Create a shared folder for the VMs using Nutanix Files.

NEW QUESTION 42

An administrator reviews the error in the exhibit, the examines the state of the cluster, the administrator finds that the AHV host is up and Functional , but the cluster capacity is low.

What will happen to the VMs on the host with this controller VM?

- * They will remain on the current host
- * they will reboot onto other nodes in the cluster
- * the will shutdown and be orphaned on the host
- * they will be shutdown unless protected by a Protection Policy

NEW QUESTION 43

An administrator receives an alert in Prism indicating that interface eth2, on an AHV host is receiving many CRC errors. After toggging into the problematic host, the following command is run to show the indicated output:

```
[root@AHV-Host ~]# ethtool -S eth2 | grep error
rx_errors: 0
tx_errors: 0
rx_over_errors: 0
rx_crc_errors: 478593
rx_frame_errors: 0
rx_fifo_errors: 0
rx_missed_errors: 0
tx_aborted_errors: 0
tx_carrier_errors: 0
tx_fifo_errors: 0
tx_heartbeat_errors: 0
rx_long_length_errors: 0
rx_short_length_errors: 0
rx_csum_offload_errors: 0
- - -
```

What is causing this issue?

- * Incorrect link speeds on the switch
- * The interface is incorrectly configured with Jumbo Frames
- * A misconfigured bond
- * A physical layer network problem

Reference:

rx_crc_errors are caused either by faults in layer 1 (in the past, we have seen failed twinax cables and incorrect types of fibre being used), or issues with jumbo frames on the network. In an environment with 10 Gig switches that use cut-through forwarding (Cisco Nexus, Arista, Cisco devices using IOS default to Store and Forward switching), any packets that come into the switch will get forwarded out the destination interface once the switch has read the destination MAC address. If that packet has an MTU over what is configured on the interface, it will cut off the packet at the designated MTU, causing the server to receive a malformed packet, which will throw a CRC error.

If you have a layer 1 issue, you will see rx_crc_errors, not on all but one or two nodes.

NEW QUESTION 44

An administrator is deploying several new application VMs to a Nutanix cluster. The application is very transactional with a 28/72 random, read/write ratio.

What should the administrator do?

- * Add a minimum of four SSDs to each node to ensure all writes go to the SSDs.
- * Add a minimum of four virtual disks to each VM, and aggregate them on guest OS level.
- * Add one large SSD to each node and enable Flash Mode for the VMs.
- * Add one large virtual disk to each VM. and use it for all application data.

NEW QUESTION 45

A customer has the following requirement for a Nutanix cluster:

Must support high-performance Nutanix Volumes iSCSI workloads

Must utilize AHV nodes

Must use 10 GbE interface

How should the customer optimize networking?

- * Enable Jumbo Frame on just the Host
- * Convert Cluster to ESXi and enable Jumbo Frame on Host and CVM
- * Enable Jumbo Frames on just the CVM
- * Enable the use of Jumbo Frame on Host and CVM

NEW QUESTION 46

An administrator is notified that a bare metal database server is down. This database server is being served storage using a Nutanix Volume Group. Upon investigating, the administrator finds that the disks in the database server that map to the vDisks in the volume group have gone offline.

What is causing this issue?

- * The Volume Group Load Balancer has been disabled.
- * Port 9443 is blocked in the server firewall.
- * Port 3260 has been blocked in the server firewall.
- * A CVM serving the Volume Group has gone offline.

NEW QUESTION 47

An administrator receives a notification that storage in a Nutanix cluster is unavailable. The cluster consists of five nodes and is configured with a Fault-Tolerance level of 1 (FT-1).

Upon investigation, the administrator finds the following:

- * All AHV hosts are powered on and the CVMs are running
- * Nodes A, B, and C are connected to one top of rack switch

* Nodes D and E are connected to a second top of rack switch

* The cluster status command run on Node A shows that CVM services on nodes D and E are down Which issue is causing the storage outage?

* The default gateway for the CVMs and AHV hosts is down.

* The switch connecting Nodes D and E is down.

* The genesis process is down on both Nodes D and E.

* Nodes D and E are in maintenance mode.

<https://hyperhci.com/2020/07/29/nutanix-cluster-services-down-troubleshooting/>

NEW QUESTION 48

Which two CVM components are used to provide data Locality? Choose 2

* Volume Group

* Logical unit

* Unified Cache

* Extent Store

NEW QUESTION 49

Which statement best defines Replication factor 2 (RF2) ?

* Data Will be written locally, and a second copy to another disk group

* Data will be written locally, and a second copy goes to another node in the same cluster

* data will be written locally and a second copy then will be replicated to another cluster

* Data will be written locally, and a second copy goes to a remote site.

NEW QUESTION 50

An application owner had reported that an AHV based critical application VM is performing very slowly, after initial diagnostics it has been observed that the CPU utilization is significantly higher than normal.

What two actions should the administrator take on this VM without shutting it down? choose two.

* increase the number of vCPU in prism element

* use prism element to increase the number of cores

* configure additional cores in acli

* ensure CPU Hot-add is supported by the Guest OS

NEW QUESTION 51

An administrator has a custom backup application that requires a 2TB disk and runs in Windows. Throughput is considerably lower than expected.

The application was installed on a VM with the following configuration:

* Four vCPUs with one core/vCPU

* 4GB of Memory

* One 50GB vDisk for the Windows installation

- * One 2TB vDisk for the application

What is the recommended configuration change to improve throughput?

- * Increase the number of cores per vCPU
- * Increase the vCPUs assigned to the VM
- * Span the 2TB disk across four vDisks
- * Add 4GB of memory to the VM

NEW QUESTION 52

An administrator needs to maximize storage potential in a six-node cluster. The container is configured with the following:

Post-process compression

Capacity deduplication

What should the administrator configure to increase space savings?

- * Erasure coding
- * Inline compression
- * Reserve capacity
- * Cache dedupe

NEW QUESTION 53

An administrator recently added in 3 nodes to an existing 5 node cluster. While 1 node came with its own block, the other 2 nodes were added to an existing share. After adding the nodes, the administrator sees that the hardware tab displays the correct number of nodes, but incorrect position in the diagram tab.

What should the administrator do to resolve the issue?

- * Check the factory_config.json for all 3 nodes
- * SSH into CVM and perform genesis restart on each CVM
- * SSH into the CVMs and run genesis acropolis stop; cluster start
- * Check the factory_config.json for the two single nodes.

NEW QUESTION 54

A CEO asks the IT administrator to provide a list of required resources to protect current workloads and the two new SQL servers from a disaster. The Nutanix environment is managed by Prism Central.

Which option explains how to meet the CEO's request?

- * In Capacity Runway, select Optimize Resources and select all VMs that must be protected.
- * Create a new project and assign the VMs to it to get compute and storage requirements.
- * Create a new scenario based on a new cluster based on a VM Profile and select Recommend.
- * Create a new Recovery policy by selecting the VM that needs to be protected and get hardware requirements.

NEW QUESTION 55

An administrator is updating disk firmware using LCM and receives the following message:

“there have been 10 or more cluster services restarts within 15 minutes in the Controller VM”; The message appears

as each drive is upgraded.

What is the reason this message is being generated?

- * A node has been rebalanced
- * A drive has been reformatted
- * A node has been rebooted
- * A drive has been ejected

NEW QUESTION 56

An administrator manages the following two Nutanix AOS 5.15 cluster environment:

- * Corp-cluster-01
- * Corp-cluster-02

The VM images must be available only on Corp-cluster-01, but cannot be checked out to cluster Corp-cluster-02. The images also cannot be checked out to any other clusters that are registered with Prism Central in the future.

Which two configuration settings must the administrator choose when creating the image placement policy that satisfies the stated requirements? (Choose two.)

- * Create an image placement policy that identifies cluster Corp-cluster-01 as the target cluster
- * Set the policy enforcement to Soft.
- * Set the policy enforcement to Hard.
- * Create an image placement policy that identifies cluster Corp-cluster-02 as the target cluster.

NEW QUESTION 57

An administrator of a Nutanix Enterprise Cloud has microsegmentation enabled and a firewall VM installed. The security team notifies the administrator that one of the VMs hosted in the environment has been exhibiting suspect network activity. The administrator wants to isolate the VM from the production network, but must still be able to access it to perform diagnostics.

What should the administrator do to meet the requirement?

- * Disable the vNIC on the affected VM
 - * Quarantine the VM using the Forensic Method
 - * Create a firewall rule that blocks VM traffic but permits diagnostic access
 - * Create a security policy with a service chain directing that VMs traffic to the firewall VM
- Ref <https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000LlElCAG>

NEW QUESTION 58

An administrator is monitoring the Nutanix v5.15-based AOS cluster performance logs and notices that a SQL server VM is greatly exceeding its intended maximum IOPS. The administrator has confirmed that a QoS policy was previously created for the group of VMs this server is a member of.

What are two reasons that this VM would exceed its maximum configured IOPS from the QoS Policy? (Choose two.)

- * The VM is missing the required snapshot needed to implement the QoS Policy.
- * The VM was not created as an AFS virtual machine.
- * The SQL Server VM has volume groups attached.
- * It was cloned from another SQL Server VM that was a member of the QoS Policy.

The NCM-MCI-5.20 exam covers a wide range of topics, including Nutanix hybrid and multicloud solutions, automation and orchestration, security and compliance, and disaster recovery. Additionally, the exam evaluates the candidate's ability to design and deploy Nutanix clusters, manage data storage and protection, and troubleshoot common issues that arise in a multicloud environment.

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<https://www.validbraindumps.com/NCM-MCI-5.20-exam-prep.html>