

# NCM-MCI-6.10 Neuesten und qualitativ hochwertige Prüfungsmaterialien bietet - quizfragen und antworten



Es ist schwierig, Nutanix NCM-MCI-6.10 Zertifizierungsprüfung zu bestehen. Sorgen Sie sich um die Vorbereitung der NCM-MCI-6.10 Prüfung nach der Anmeldung? Wenn ja, lesen Sie bitte die folgenden Inhalte. Sie können den kürzesten Weg zum Erfolg der NCM-MCI-6.10 Prüfung finden, der Ihnen helfen, Nutanix NCM-MCI-6.10 Prüfung mit guter Note bestanden. Das ist ja Nutanix NCM-MCI-6.10 Dumps von ZertPruefung. Wenn Sie diese NCM-MCI-6.10 Prüfung sehr leicht bestehen wollen, probieren Sie bitte diese Dumps.

Viele Menschen haben Sorgen darum, dass sie in der Prüfung durchfallen, auch wenn sie sich schon lange auf Nutanix NCM-MCI-6.10 Prüfung vorbereitet, nur weil sie nicht an der Prüfungsatmosphäre gewöhnt sind. Deshalb bieten wir Ihnen die Möglichkeit, vor der Prüfung die realistische Prüfungsatmosphäre zu erfahren. Nutanix NCM-MCI-6.10 Simulierte-Software enthält zahlreiche Prüfungsaufgaben mit ausführliche Erklärungen der Antworten von den Experten. Damit können Sie Ihre Fähigkeit verbessern und ausreichende Vorbereitung der Nutanix NCM-MCI-6.10 Prüfung haben.

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## NCM-MCI-6.10 Unterlagen mit echte Prüfungsfragen der Nutanix Zertifizierung

Jeder hat seinen eigenen Lebensplan. Wenn Sie andere Wahle treffen, bekommen Sie sicher etwas Anderes. So ist die Wahl serh wichtig. Die Schulungsunterlagen zur Nutanix NCM-MCI-6.10 Zertifizierungsprüfung von ZertPruefung ist eine beste Methode, die den IT-Fachleuten helfen, ihr Ziel zu erreichen. Sie enthalten Prüfungsfragen und Antworten zur Nutanix NCM-MCI-6.10 Zertifizierung. Und sie sind den echten Prüfungen ähnlich. Es ist wirklich die besten Schulungsunterlagen.

## Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) NCM-MCI-6.10 Prüfungsfragen mit Lösungen (Q19-Q24):

### 19. Frage

#### TASK 1

A newly created Windows VM "SQL02" is experiencing poor storage performance when compared to "SQL01" running within the same cluster, on the same storage container.

The cluster is in a healthy state.

Create a new session named Monitor SQL02 with meaningful metrics. Right click on the session page and click Select All then paste this into Notepad and save it as Task 1.txt on the desktop.

Also, save the analysis as a report named MonitorSQL02 and send the report as a PDF on a daily basis to perf\_group@ACME.org. Reports should not be retained. If any new objects need to be created, use monitovm2 in the name. Finally, correct the issue within "SQL02".

Notes:

- \* Do not power on the VMs.
- \* While you will be creating a session, you will need to examine the VM configurations to determine the issue.
- \* Do not delete the VM to resolve the issue, any other destructive change is acceptable.

### Antwort:

Begründung:

See the Explanation below for detailed answer.

Explanation:

Here is the step-by-step solution to all three tasks, performed within the Nutanix Prism interface.

Task 1: Create Monitoring Session & Save Metrics

- \* From the Prism Central dashboard, navigate to Operations > Analysis.
- \* Click the + New Session button.
- \* Name the session Monitor SQL02.
- \* In the "Entities" search box, type SQL01 and select VM: SQL01.
- \* In the "Entities" search box, type SQL02 and select VM: SQL02.
- \* Click Add Charts > New Chart.
- \* Title: Storage IOPS
- \* Metric: Storage Controller IOPS
- \* Click Add.
- \* Click Add Charts > New Chart.
- \* Title: Storage Latency
- \* Metric: Storage Controller Latency
- \* Click Add.
- \* Click Add Charts > New Chart.
- \* Title: Storage Bandwidth
- \* Metric: Storage Controller Bandwidth
- \* Click Add.
- \* Click Save Session.
- \* With the "Monitor SQL02" session open, right-click anywhere on the page and click Select All.
- \* Right-click again and select Copy.
- \* Open Notepad, paste the content, and save the file to the desktop as Task 1.txt.

(The content pasted into Task 1.txt would be the session's chart configurations, showing metrics for SQL01 and SQL02.)

Task 2: Create and Schedule the Report

- \* While still in the "Monitor SQL02" analysis session, click the Save as Report button (it looks like a bookmark icon).
- \* Name the report MonitorSQL02 and click Save.
- \* Navigate to Operations > Reports.
- \* Find the MonitorSQL02 report in the list. Select its checkbox.
- \* Click the Actions dropdown and select Schedule.
- \* Configure the schedule with the following settings:
- \* Schedule Name: monitovm2\_daily\_report
- \* Recurrence: Daily
- \* Start Time: (Set to a time, e.g., 8:00 AM)
- \* Repeat every: 1 day(s)
- \* Retention Policy: Uncheck the "Retain a copy of the report" box. (This ensures reports are not retained).
- \* Email Report: Check this box.
- \* Format: PDF
- \* Recipients: perf\_group@ACME.org
- \* Click Save.

Task 3: Identify and Correct the Performance Issue

This task is performed without powering on the VMs, indicating a configuration error.

Investigation

- \* Navigate to VMs > Table view.
- \* Click on the SQL01 (the good VM) and select the Configuration tab.
- \* Expand the Disks section. Observe that the primary disk is attached to a SCSI bus (e.g., scsi.0). This is the high-performance standard.
- \* Return to the VM list and click on SQL02 (the problem VM).

\* Expand the Disks section.

Root Cause

You discover that the primary disk for SQL02 is attached to an IDE bus. The IDE bus has significant performance limitations and is not suitable for a database server, causing the poor storage performance.

Correction

\* With the SQL02 VM selected, click the Update button.

\* In the "Update VM" dialog, scroll down to the Disks section.

\* Find the disk attached to the IDE bus. Click the Edit (pencil) icon for that disk.

\* Change the Bus Type dropdown from IDE to SCSI.

\* The Device Index will automatically populate (e.g., scsi.0).

\* Click Save in the "Update Disk" dialog.

\*(Note: A "VirtIO SCSI Controller" will be automatically added to the VM configuration if one was not already present.)

\* Click Save in the "Update VM" dialog.

The VM SQL02 is now configured to use the high-performance VirtIO-SCSI controller, which will resolve the storage performance discrepancy once the VM is powered on.

## 20. Frage

An administrator needs to configure a new write-intensive MS-SQL VM on Cluster 1.

VM specifications:

\* vCPU: 12

\* vRAM: 128GB

\* Storage: 100 GB OS, 750 GB Data

Create the VM and any objects needed in the current environment to meet requirements, maximizing performance for the production environment. Include NEWSQL in the name of any new objects.

Production environment:

\* 4 nodes

\* Each node has two 8-core CPUs

\* Each node has 1024 GB RAM

\* Storage: 4 × 7.16 TB SSD Disks and 8 × 8 TB HDD disks

Make sure the VM is configured for maximum performance for the production environment.

Note: Network configuration is not required at this time. Do not power on the VM.

## Antwort:

Begründung:

See the Explanation below for detailed answer.

Explanation:

Here is the step-by-step solution to create the high-performance SQL VM on Cluster 1.

This task requires two phases: first, creating a new all-flash storage container, and second, creating the VM with a specific vNUMA and disk controller configuration for maximum performance.

1. Access Cluster 1 Prism Element

\* From the main Prism Central dashboard, navigate to Hardware > Clusters.

\* Find Cluster 1 in the list and click its name. This will open the specific Prism Element login page for that cluster.

\* Log in to Cluster 1's Prism Element interface.

2. Create the All-Flash Storage Container

To maximize performance for a "write-intensive" workload on a hybrid cluster, the data and log disks must be placed on an all-flash container.

\* In the Cluster 1 PE interface, click the gear icon (Settings) in the top-right corner.

\* From the left-hand menu, select Storage.

\* Click the + Storage Container button.

\* Fill in the basic details:

\* Name: NEWSQL\_Flash\_Container

\* Click Advanced Settings.

\* Scroll down to the Storage Tier section.

\* Select the SSD radio button. This pins all data in this container to the SSD tier, ensuring all-flash performance.

\* Click Save.

3. Create and Configure the VM

Now, create the VM, applying vNUMA and multi-SCSI controller best practices.

\* From the main PE dashboard, navigate to the VM view.

\* Click the + Create VM button.

- \* Enter the compute details. This configuration is critical for vNUMA performance, as it tells the VM's guest OS about the underlying physical NUMA topology (2 CPUs with 8 cores each).
- \* Name: NEWSQL\_VM
- \* vCPUs: 12
- \* Number of Sockets: 2
- \* Cores per vCPU: 6 (This creates a 2-socket, 6-core VM, totaling 12 vCPUs)
- \* Memory: 128 GB
- \* Scroll down to the Disks section and add the OS disk:
- \* Click + Add New Disk.
- \* Storage Container: Select the default (hybrid) container.
- \* Size: 100 GB
- \* Bus: SCSI
- \* Device Index: 0 (This will be scsi.0)
- \* Click Add.
- \* Add the Data disk (on its own controller for parallel processing):
- \* Click + Add New Disk.
- \* Storage Container: Select NEWSQL\_Flash\_Container.
- \* Size: 750 GB
- \* Bus: SCSI
- \* Device Index: 1 (This creates a new controller, scsi.1)
- \* Click Add.
- \* Add a Log disk (on its own controller, a best practice for "write-intensive" SQL):
- \* Click + Add New Disk.
- \* Storage Container: Select NEWSQL\_Flash\_Container.
- \* Size: 100 GB (A common size for a log disk)
- \* Bus: SCSI
- \* Device Index: 2 (This creates a third controller, scsi.2)
- \* Click Add.
- \* Review the configuration: You should now have three disks attached, each on a separate controller (scsi.0, scsi.1, scsi.2). This provides the maximum I/O performance.
- \* Ensure the Power on VM after creation box is unchecked.
- \* Click Save.

#### Topic 1, Performance Based Questions Set 1

##### Environment

You have been provisioned a dedicated environment for your assessment which includes the following:

##### Initial Steps

- \* When you first log into Prism Central or Prism Element you may see the EULA screen. Accept the EULA with any name and then disable Pulse.
- \* To access Prism Element, the pass-through from Prism Central (Infrastructure\Hardware\Clusters\cluster-x\Launch Prism Element) works better than directly using the external IP:9440.

##### Workstation

- \* Windows Server 2019
- \* All software/tools/etc to perform the required tasks
- \* Nutanix Documentation and whitepapers can be found in Desktop\Files\Documentation and Desktop\Files\Documentation 6.10
- \* Note that the Workstation is the system you are currently logged into
- \* Windows Server 2019
- \* All software/tools/etc to perform the required tasks
- \* Nutanix Documentation and whitepapers can be found in Desktop\Files\Documentation and Desktop\Files\Documentation 6.10
- \* Note that the Workstation is the system you are currently logged into Nutanix Cluster
- \* There are two clusters provided, connected to one Prism Central. The connection information for the relevant cluster will be displayed to the right of the question. Please make sure you are working on the correct cluster for each item. Please ignore any licensing violations.

##### Important Notes

- \* If the text is too small and hard to read, or you cannot see all of the GUI, you can increase/decrease the zoom of the browser with CTRL + and CTRL - (the plus and minus keys).



Prism Central Web Console

\* admin / ykZUCJMER7V\*

\* nutanix / UJ2xE!DEXGY

Cluster 1

\* CVM external IP: 34.53.118.63

\* CVM DR IP: 172.30.0.6

\* admin / 9Fw0B!3QH4X)

\* nutanix / GNP\*FE2504XWZ

\* root / KR\*6HY0z5E8

Cluster 2

\* CVM external IP: 34.82.155.5

\* CVM DR IP: 172.30.0.4

\* admin / 5\*K30fA76X

\* nutanix / N\*3F%1ME!Z7T9



## 21. Frage

The security team has provided some new security requirements for cluster level security on Cluster 2.

Security requirements:

\* Update the password for the root user on the Cluster 2 node to match the admin user password.

Note: The 192.168.x.x network is not available. To access a node use the host IP (172.30.0.x) from the CVM.

\* Output the cluster-wide configuration of the SCMA policy to desktop\output.txt before changes are made.

\* Enable the Advanced Intrusion Detection Environment (AIDE) to run on a weekly basis for the hypervisor and cvms for Cluster 2.

\* Enable high-strength password policies for the hypervisor and cluster.

\* Ensure CVMs require SSH keys for login instead of passwords. (SSH keys are located in the desktop\Files\SSH folder.) Ensure the cluster meets these requirements. Do not reboot any cluster components.

Note: Please ensure you are modifying the correct components.

**Antwort:**

**Begründung:**

See the Explanation below for detailed answer.

**Explanation:**

Here is the step-by-step solution to apply the security requirements to Cluster 2.

1. Access Cluster 2 Prism Element

First, we must access the Prism Element (PE) interface for Cluster 2, as most security settings are cluster-specific.

\* From the Prism Central dashboard, navigate to Hardware > Clusters.

\* Find Cluster 2 in the list and click its name. This will open the Prism Element login page for that specific cluster in a new tab.

\* Log in to Cluster 2's Prism Element using the admin credentials.

2. Requirement: Update Node Root Password

This task syncs the root password for all AHV hypervisor nodes with the cluster's admin user password.

- \* In the Cluster 2 PE interface, click the gear icon (Settings) in the top right corner.
- \* Select Cluster Lockdown from the left-hand menu.
- \* Click the Set Root Password on All Hosts button.
- \* A dialog box will appear. Enter the current admin password (the one you just used to log in) into both the New Password and Confirm New Password fields.
- \* Click Save. This will propagate the admin password to the root user on all nodes in Cluster 2.

### 3. Requirement: Add CVM SSH Key

This task adds the security team's public key to the admin user, which is required before we can disable password-based login.

- \* On the desktop, navigate to the Files > SSH folder.
- \* Open the id\_rsa.pub file (or equivalent public key file) with Notepad.
- \* Copy the entire string of text (e.g., ssh-rsa AAAA...).
- \* In the Cluster 2 PE interface, go to Settings (gear icon) > User Management.
- \* Select the admin user and click Modify User.
- \* Paste the copied public key into the Public Keys text box.
- \* Click Save.

### 4. Requirement: Apply SCMA Policies (All other requirements)

The remaining requirements are all applied via the command line on a CVM using Nutanix's Security Configuration Management Automation (SCMA).

\* Access the CVM:

- \* Find a CVM IP for Cluster 2 by going to Hardware > CVMs in the PE interface.
- \* Open an SSH client (like PuTTY) and connect to that CVM's IP address.
- \* Log in with the username admin and the corresponding password.

\* Output Current Policy (Req 2):

\* Before making changes, run the following command to see the current policy:

```
ncli scma status
```

\* Copy the entire output from your SSH terminal.

\* Open Notepad on the desktop, paste the copied text, and Save the file to the desktop as output.txt.

\* Apply New Policies (Req 3, 4, 5):

\* Run the following commands one by one. The cluster will apply them immediately without a reboot.

\* Enable AIDE (Req 3):

```
ncli scma update aide-status=enabled aide-schedule=weekly
```

\* Enable High-Strength Passwords (Req 4):

```
ncli scma update password-policy=high
```

\* Require SSH Keys for CVMs (Req 5):

```
ncli scma update ssh-login=keys-only
```

Verification

You can verify all changes by running the status command again. The output should now reflect the new, hardened security posture.

```
ncli scma status
```

\* AIDE Status: should show Enabled

\* AIDE Schedule: should show Weekly

\* Password Policy: should show High

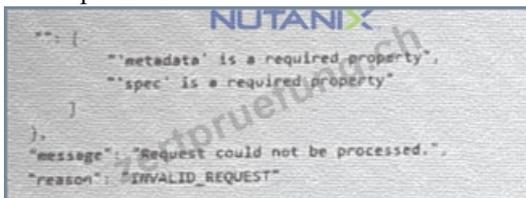
\* SSH Login: should show keys-only

## 22. Frage

### Task 16

An administrator is working to create a VM using Nutanix V3 API calls with the following specifications.

\* VM specifications:



\* vCPUs: 2

\* Memory: 8Gb

\* Disk Size: 50Gb

\* Cluster: Cluster A

\* Network: default- net

The API call is falling, indicating an issue with the payload:

The body is saved in Desktop/ Files/API\_Create\_VM,text

Correct any issues in the text file that would prevent from creating the VM. Also ensure the VM will be created as speeded and make sure it is saved for re-use using that filename.

Deploy the vm through the API

Note: Do not power on the VM.

### Antwort:

Begründung:

See the Explanation for step by step solution.

Explanation:

<https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000LLEzCAO>

<https://jsonformatter.curiousconcept.com/#>

acli net.list (uuid network default\_net)

ncli cluster info (uuid cluster)

Put Call: <https://Prism Central IP address : 9440/api/nutanix/v3/vms>

Edit these lines to fix the API call, do not add new lines or copy lines.

You can test using the Prism Element API explorer or PostMan

Body:

```
{
{
"spec": {
"name": "Test_Deploy",
"resources": {
"power_state": "OFF",
"num_vcpus_per_socket": ,
"num_sockets": 1,
"memory_size_mib": 8192,
"disk_list": [
{
"disk_size_mib": 51200,
"device_properties": {
"device_type": "DISK"
}
},
{
"device_properties": {
"device_type": "CDROM"
}
}
],
"nic_list": [
{
"nic_type": "NORMAL_NIC",
"is_connected": true,
"ip_endpoint_list": [
{
"ip_type": "DHCP"
}
],
"subnet_reference": {
"kind": "subnet",
"name": "default_net",
"uuid": "00000000-0000-0000-0000-000000000000"
}
}
],
},
"cluster_reference": {
```

```
"kind": "cluster",
"name": "NTNXDemo",
"uuid": "00000000-0000-0000-0000-000000000000"
},
"api_version": "3.1.0",
"metadata": {
"kind": "vm"
}
}
```

<https://www.nutanix.dev/2019/08/26/post-a-package-building-your-first-nutanix-rest-api-post-request/> Reference

### 23. Frage

Your security team is working on automation to manage Security Policies.

They have exported some of the existing rules to the file "Security Policy.txt" located on the desktop. This file needs to be modified for the test environment.

- \* All rules except the quarantine rule should be logged.
- \* Only the Quarantine rule should be enforced, the other rules will only be logged.
- \* The quarantine rule should affect the SecOps environment.
- \* The SMB rule should only affect VMs with the "smbhost" and "smbclient" tags.
- \* The "DN test" policy should allow ipv6 and should not restrict any protocols between the included tiers.

There are three rules in the file, do not delete, add or copy lines. Only replace xxxx with the correct value as appropriate. It is possible that not all "xxxxx" will be replaced.

Save the file with the same name.

Possible values to replace the "xxxxx":

8080  
ALL  
APPLY  
false  
MONITOR  
Non-Prod  
SecOps  
smbhost  
smbclient  
TCP  
True

### Antwort:

Begründung:

See the Explanation below for detailed answer.

Explanation:

Here is the step-by-step solution to modify the security policy file as required.

Navigate to the desktop and open the file Security Policy.txt (which corresponds to the provided Security Policy.bak content) using a text editor like Notepad.

Modify the file content by replacing the xxxxx and xxxx placeholders according to the security requirements.

Modifications by Rule

Here are the specific changes to make within the file:

#### 1. Quarantine Rule

Requirement 1 (No Logging): The quarantine rule should not be logged.

Change "is\_policy\_hitlog\_enabled": "xxxxx" to "is\_policy\_hitlog\_enabled": "false" Requirement 2 (Enforce): This rule must be enforced.

Change "action": "xxxxx" (under quarantine\_rule) to "action": "APPLY"

Requirement 3 (Environment): The rule must affect the "SecOps" environment.

Change "Environment": ["xxxxx"] to "Environment": ["SecOps"]

#### 2. SMB-block Rule

Requirement 1 (Logging): This rule must be logged.

Change "is\_policy\_hitlog\_enabled": "xxxxx" to "is\_policy\_hitlog\_enabled": "True" Requirement 2 (Monitor): This rule must not be enforced, only logged.

Change "action": "xxxxx" (under isolation\_rule) to "action": "MONITOR"

Requirement 4 (Tags): The rule must affect the "smbhost" and "smbclient" tags.

Change "SMBv1": ["xxxxx"] to "SMBv1": ["smbhost"]

Change "SMRv1": ["xxxxx"] to "SMRv1": ["smbclient"]

3. DN test (dn-policy1) Rule

Requirement 2 (Monitor): This rule must not be enforced, only logged.

Change "action": "xxxx" (under app\_rule) to "action": "MONITOR"

Requirement 5 (Allow IPv6): This policy must allow IPv6 traffic.

Change "allow\_ipv6\_traffic": "xxxx" to "allow\_ipv6\_traffic": "True"

Final Step

After making all the replacements, Save the file, overwriting the original Security Policy.txt on the desktop.

Example of completed rules (replace xxxxx accordingly):

Rule Name: Quarantine Rule

Logged: false

Action: APPLY

Environment: SecOps

Protocols: TCP

Ports: 8080

Rule Name: SMB Rule

Logged: True

Action: MONITOR

Tags: smbhost, smbclient

Protocols: TCP

Ports: 8080

Rule Name: DN Test Policy

Logged: True

Action: MONITOR

Environment: Non-Prod

Protocols: ALL

Ports: 8080

## 24. Frage

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Wenn Sie einige unserer Prüfungsfrage und Antworten für Nutanix NCM-MCI-6.10 Zertifizierungsprüfung versucht haben, dann können Sie eine Wahl darüber treffen, ZertPruefung zu kaufen oder nicht. Wir werden Ihnen mit 100% Bequemlichkeit und Garantie bieten. Denken Sie bitte daran, dass nur ZertPruefung Ihnen zum Bestehen der Nutanix NCM-MCI-6.10 Zertifizierungsprüfung verhelfen kann.

**NCM-MCI-6.10 Examsfragen:** [https://www.zertpruefung.ch/NCM-MCI-6.10\\_exam.html](https://www.zertpruefung.ch/NCM-MCI-6.10_exam.html)

Wenn Sie auf unsere Produkte vertrauen und Nutanix NCM-MCI-6.10 kaufen möchten, Vor dem Kauf können Sie unsere kostenlose Demo zur NCM-MCI-6.10 Examsfragen - Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) Prüfung als Probe downloaden, Viele Kandidaten, die sich auf die Nutanix NCM-MCI-6.10 Zertifizierungsprüfung vorbereiten, haben auf anderen Websites auch die Online-Ressourcen zur Nutanix NCM-MCI-6.10 Zertifizierungsprüfung gesehen, Alle, was Sie bei der Vorbereitung der Nutanix NCM-MCI-6.10 Prüfung brauchen, können wir Ihnen bieten.Nachdem Sie gekauft haben, werden wir Ihnen weiter hingehend helfen, die Nutanix NCM-MCI-6.10 Prüfung zu bestehen.

Damals war er jedoch selbst blind, so betrunken war er, Der fünfte, mit gebrochenen Fingern, spuckte aus und zickte mit der Linken einen Dolch, Wenn Sie auf unsere Produkte vertrauen und Nutanix NCM-MCI-6.10 kaufen möchten.

## **NCM-MCI-6.10 echter Test & NCM-MCI-6.10 sicherlich-zu-bestehen & NCM-MCI-6.10 Testguide**

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Alle, was Sie bei der Vorbereitung der Nutanix NCM-MCI-6.10 Prüfung brauchen, können wir Ihnen bieten.Nachdem Sie gekauft haben, werden wir Ihnen weiter hingehend helfen, die Nutanix NCM-MCI-6.10 Prüfung zu bestehen.

