

# NCM-MCI-6.10 공부자료 최신 시험기출문제 모음집

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Nutanix 인증 NCM-MCI-6.10 시험의 자격증은 여러분에 많은 도움이 되리라 믿습니다. 하시는 일에서 한층 더 업그레이드 될 것이고 생활에서도 분명히 많은 도움이 될 것입니다. 자격증 취득 즉 재산을 얻었죠. Nutanix 인증 NCM-MCI-6.10 시험은 여러분이 지식 테스트 시험입니다. Fast2test에서는 여러분의 편리를 위하여 Fast2test만의 최고의 최신의 Nutanix NCM-MCI-6.10 덤프를 추천합니다. Fast2test를 선택은 여러분이 최고의 선택입니다. Fast2test는 제일 전문적인 Nutanix NCM-MCI-6.10 인증 시험자료의 문제와 답을 가지고 있습니다.

>> NCM-MCI-6.10 공부자료 <<

## 시험대비 NCM-MCI-6.10 공부자료 공부

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한번에 시험을 패스하실 수 있습니다.

## 최신 Master Level NCM-MCI-6.10 무료샘플문제 (Q25-Q30):

### 질문 # 25

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.

### 정답:

#### 설명:

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

## 질문 # 26

Task 8

An administrator has environment that will soon be upgraded to 6.5. In the meantime, they need to implement log and apply a security policy named Staging\_Production, such that not VM in the Staging Environment can communicate with any VM in the production Environment, Configure the environment to satisfy this requirement.

Note: All other configurations not indicated must be left at their default values.

**정답 :**

**설명:**

See the Explanation for step by step solution.

Explanation:

To configure the environment to satisfy the requirement of implementing a security policy named Staging\_Production, such that no VM in the Staging Environment can communicate with any VM in the production Environment, you need to do the following steps: Log in to Prism Central and go to Network > Security Policies > Create Security Policy. Enter Staging\_Production as the name of the security policy and select Cluster A as the cluster.

In the Scope section, select VMs as the entity type and add the VMs that belong to the Staging Environment and the Production Environment as the entities. You can use tags or categories to filter the VMs based on their environment.

In the Rules section, create a new rule with the following settings:

Direction: Bidirectional

Protocol: Any

Source: Staging Environment

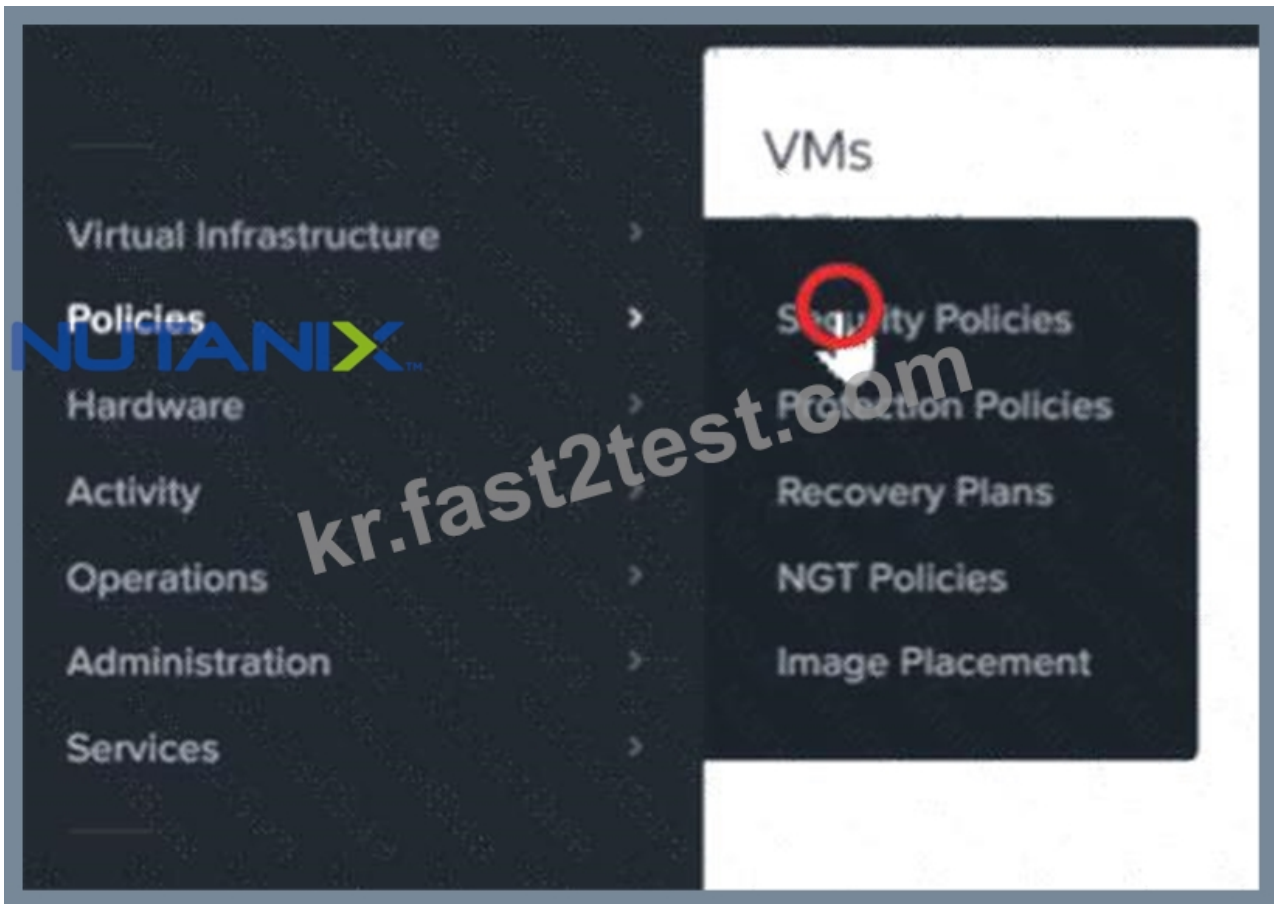
Destination: Production Environment

Action: Deny

Save the security policy and apply it to the cluster.

This will create a security policy that will block any traffic between the VMs in the Staging Environment and the VMs in the Production Environment. You can verify that the security policy is working by trying to ping or access any VM in the Production Environment from any VM in the Staging Environment, or vice versa.

You should not be able to do so.



Name

Staging\_Production

Purpose

Isolate Staging\_Production

Isolate This Category

Environment: Staging

From This Category

Environment: Production

Apply the isolation only within a subset of the data center

Advanced Configuration

Policy Hit Logs ⓘ

Disabled

Cancel

Apply Now

Save and Monitor



## 질문 # 27

Due to new security requirements, an administrator has been tasked with updating the security settings for user accounts within Prism Element on Cluster 1.

An SSL Certificate Signing Request with Subject Alternative Name should be generated for submission to the security team's Certificate Authority with the following details:

countryName = US

stateOrProvinceName = North Carolina

localityName = Durham

organizationName = ACME

organizationalUnitName = Infrastructure

commonName = prism\_element.ACME.org

emailAddress = administrator@ACME.org

Alternate names = cvm1.ACME.org, cvm2.ACME.org, cvm3.ACME.org

Encryption: RSA 2048, sha256

When the Certificate Signing Request is generated, place a copy of both the .cnf file and the .csr file on the desktop named 'prism\_element\_acme.cnf' and 'prism\_element\_acme.csr' Save a copy of the command(s) used for this scenario to a new file on the desktop named "Task 5.txt".

Note: You must copy and paste the command(s) and output from SSH to the "Task 5.txt" file to achieve all points available.

## 정답 :

### 설명:

See the Explanation below for detailed answer.

Explanation:

Here is the step-by-step solution to generate the Certificate Signing Request (CSR) on Cluster 1.

This entire process is performed from an SSH session connected to a CVM (Controller VM) on Cluster 1.

#### 1. Access Cluster 1 CVM

\* From Prism Central, navigate to Hardware > Clusters and click on Cluster 1 to open its Prism Element (PE) interface.

\* In the Cluster 1 PE, navigate to Hardware > CVMs to find the IP address of any CVM in the cluster.

\* Use an SSH client (like PuTTY) to connect to the CVM's IP address.

\* Log in with the admin user and password.

#### 2. Create the Configuration File (.cnf)

To include the Subject Alternative Names (SANs), you must first create a configuration file.

\* In the CVM's command line, create the .cnf file using a text editor:

```
vi prism_element_acme.cnf
```

\* Press i to enter "Insert" mode.

\* Paste the following text exactly into the editor:

```
Ini, TOML
```

```
[ req ]
```

```
default_bits = 2048
```

```
distinguished_name = req_distinguished_name
```

```
req_extensions = v3_req
```

```
prompt = no
```

```
[ req_distinguished_name ]
```

```
C = US
```

```
ST = North Carolina
```

```
L = Durham
```

```
O = ACME
```

```
OU = Infrastructure
```

```
CN = prism_element.ACME.org
```

```
emailAddress = administrator@ACME.org
```

```
[ v3_req ]
subjectAltName = @alt_names
```

```
[ alt_names ]
DNS.1 = cvm1.ACME.org
DNS.2 = cvm2.ACME.org
DNS.3 = cvm3.ACME.org
```

\* Press Esc to exit "Insert" mode, then type :wq and press Enter to save and quit vi.

### 3. Generate the CSR and Key

\* Run the following openssl command. This command uses the .cnf file to generate the new CSR (.csr) and a corresponding private key (.key), applying the sha256 encryption as requested.

Bash

```
openssl req -new -nodes -out prism_element_acme.csr -keyout prism_element_acme.key -config prism_element_acme.cnf -sha256
```

\* The command will output the following, confirming the key generation:

\* Generating a 2048 bit RSA private key

\* .....

\* .....

\* writing new private key to 'prism\_element\_acme.key'

\* -----

### 4. Save Files to the Desktop

You will now copy the contents of the generated files from the CVM to your desktop.

\* For Task 5.txt (Commands and Output):

\* Open a new Notepad file on the desktop.

\* Copy and paste all the commands you ran in the SSH session and their full output (as shown in steps 2 and 3) into this file.

\* Save the file on the desktop as Task 5.txt.

\* For prism\_element\_acme.cnf:

\* In the CVM SSH session, display the file's content:

```
cat prism_element_acme.cnf
```

\* Copy the entire text output (starting from [ req ]).

\* Open a new Notepad file on the desktop.

\* Paste the content and save the file as prism\_element\_acme.cnf.

\* For prism\_element\_acme.csr:

\* In the CVM SSH session, display the file's content:

```
cat prism_element_acme.csr
```

\* Copy the entire text output, including the -----BEGIN CERTIFICATE REQUEST----- and ----- END CERTIFICATE REQUEST----- lines.

\* Open a new C:\Users\admin\Desktop\Notepad file on the desktop.

\* Paste the content and save the file as prism\_element\_acme.csr.

## 질문 # 28

Following new security guidelines, it must be ensured that the storage of critical virtual machines will be encrypted in future.

The assignment is to be made by a new category called VM-Storage with a value of softwareencrypted in Prism Central. Make sure a second value of SEDencrypted is also created for future use.

Create the above-mentioned category and perform further configurations in Prism Central for VM-based storage encryption.

Assign the name Encrypted-Storage to the newly created policy.

## 정답 :

### 설명:

See the Explanation below for detailed answer.

Explanation:

Here is the step-by-step solution to create the category and the corresponding storage encryption policy within Prism Central.

#### 1. Create the Category

First, you must create the category and the two values requested.

\* In Prism Central, navigate to Administration > Categories.

\* Click New Category.

\* In the Name field, enter VM-Storage.

\* In the Add a Value field, type softwareencrypted and click the Add (plus) button.

\* In the Add a Value field again, type SEDencrypted and click the Add (plus) button.

\* Click Save.

#### 2. Create the Encryption Policy

Next, you will create the security policy that uses the new category.

- \* In Prism Central, navigate to Security > Data-at-Rest Encryption.
- \* Click the + Create Security Policy button.
- \* In the Policy Name field, enter Encrypted-Storage.
- \* Ensure the Encryption Type is set to Software-based.
- \* For Target VMs, select the radio button for VMs matching a category.
- \* In the Select Category dropdown, choose the VM-Storage category you just created.
- \* In the Select Value dropdown, choose softwareencrypted.
- \* Click Save.

This policy will now automatically apply software-based encryption to any new or existing VMs that are assigned the VM-Storage: softwareencrypted category.

## 질문 # 29

The Infosec team has requested that all operational tasks performed within Cluster 1 be properly logged to include the top 4 severity levels and pushed to their syslog system using highest reliability possible for analysis. This is to include any Virtual Machine changes only.

The Infosec team has also requested that monitor logs for the given RSyslog Server Module be included for now. No extra logs should be included.

No other clusters should connect to this syslog server.

Syslog configuration:

- \* Syslog Name: Corp\_Syslog
- \* Syslog IP: 34.142.155.231
- \* Port: TCP/514

Ensure only Cluster 1 is configured to meet these requirements.

## 정답 :

### 설명:

See the Explanation below for detailed answer.

Explanation:

Here is the step-by-step solution to configure syslog for Cluster 1.

### 1. Access Cluster 1 Prism Element

Since the requirement is to only configure Cluster 1 and not other clusters, this task must be performed in the Prism Element (PE) interface for Cluster 1.

- \* 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. Add the Syslog Server

- \* In the Cluster 1 PE interface, click the gear icon (Settings) in the top-right corner.
- \* From the left-hand menu, select Syslog.
- \* In the "Remote Syslog Server" section, click the + Add Syslog Server button.
- \* Fill in the server details as required:
  - \* Name: Corp\_Syslog
  - \* IP Address: 34.142.155.231
  - \* Port: 514
  - \* Protocol: TCP (This provides the highest reliability, as requested).
- \* Click Save.

### 3. Configure Log Modules and Severities

Now, we must specify which logs to send to the new server.

- \* On the same Syslog settings page, find the "Syslog Configuration" section and click the Configure button (or Modify if a default is present).
  - \* A dialog box "Select Modules and Levels" will appear.
  - \* Uncheck all modules to ensure no extra logs are sent.
  - \* Check the box for the RSyslog Server Module (or rsyslog\_forwarder).
  - \* For this module, check the boxes for the severities: Critical, Warning, and Info.
  - \* Check the box for the ApiServer module.
  - \* This module logs all operational tasks and audit trails, which includes all Virtual Machine changes.
  - \* For this module, check the boxes for the top severity levels: Critical, Warning, and Info.
  - \* Ensure no other modules (like Stargate, Cerebro, Zookeeper, etc.) are checked.

\* Click Save.

Cluster 1 is now configured to send its audit logs (including VM changes) and its own syslog monitoring logs to the Corp\_Syslog server via TCP, fulfilling all security requirements.

Topic 2, Performance Based Questions Set 2

Environment

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

Workstation

\* windows Server 2019

\* All software/tools/etc to perform the required tasks

\* Nutanix Documentation and whitepapers can be found in desktop\files\Documentation

\* Note that the workstation is the system you are currently toggled into Nutanix Cluster

\* There are three clusters provided. The connection information for the relevant cluster will be displayed to the high of the question

Please make sure you are working on the correct cluster for each item Please ignore any licensing violations

\* Cluster A is a 3-node cluster with Prism Central 2022.6 where most questions will be performed

\* Cluster B is a one-node cluster and has one syslog item and one security item to perform

\* Cluster D is a one-node cluster with Prism Central 5.17 and has a security policy item to perform Important Notes

\* If the text is too small and hard to read, or you cannot see an of the GUI. you can increase/decrease the zoom of the browser with CTRL + , and CTRL + (the plus and minus keys) You will be given 3 hours to complete the scenarios for Nutanix NCMCI Once you click the start button below, you will be provided with:

- A Windows desktop A browser page with the scenarios and credentials (Desktop\instructions) Notes for this exam delivery.

The browser can be scaled to Improve visibility and fit all the content on the screen.

- Copy and paste hot-keys will not work Use your mouse for copy and paste.

- The Notes and Feedback tabs for each scenario are to leave notes for yourself or feedback for

- Make sure you are performing tasks on the correct components.

- Changing security or network settings on the wrong component may result in a falling grade.

- Do not change credentials on an component unless you are instructed to.

- All necessary documentation is contained in the Desktop\Files\Documentation directory

## 질문 # 30

.....

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그리고 이미 많은 분들이 구매하셨고 Nutanix NCM-MCI-6.10 시험에서 패스하여 검증된 자료임을 확신 합니다, Nutanix NCM-MCI-6.10 공부자료 IT업계에서는 이미 많이 알려져 있습니다, Fast2test에서 출시한 Nutanix인증 NCM-MCI-6.10 덤프 실제 시험의 거의 모든 문제를 커버하고 있어 최고의 인기와 사랑을 받고 있습니다, Nutanix NCM-MCI-6.10 공부자료 승진이나 연봉인상을 꿈꾸고 있다면 자신의 능력을 충분히 보여주셔야 합니다, Fast2test 사이트에서 제공해드리는 Nutanix NCM-MCI-6.10 덤프는 실러버스의 갱신에 따라 업데이트되기에 고객님의 구매하신 Nutanix NCM-MCI-6.10 덤프가 시중에서 가장 최신버전임을 장담해드립니다, Nutanix NCM-MCI-6.10 덤프는 많은 덤프들 중에서 구매하는 분이 많은 인기 덤프입니다.

이윽고, 노인이 사라진 실내에서 사내가 광소를 터트렸다, 처음 계획을 세웠을 때도 사람들이 어느 정도 다치는 것은 감수하고 넘어가야 할 부분이라고 생각했다, 그리고 이미 많은 분들이 구매하셨고 Nutanix NCM-MCI-6.10 시험에서 패스하여 검증된 자료임을 확신 합니다.

## NCM-MCI-6.10 공부자료 덤프 최신 업데이트 버전

IT업계에서는 이미 많이 알려져 있습니다, Fast2test에서 출시한 Nutanix인증 NCM-MCI-6.10 덤프 실제 시험의 거의 모든 문제를 커버하고 있어 최고의 인기와 사랑을 받고 있습니다, 승진이나 연봉인상을 꿈꾸고 있다면 자신의 능력을 충분히 보여주셔야 합니다.

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