

Pass NCM-MCI Multicloud Infrastructure Exam: Study Tips & Resources!

**NUTANIX MULTICLOUD INFRASTRUCTURE
CERTIFICATION QUESTIONS & ANSWERS**

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NCM-MCI

[Nutanix Certified Master - Multicloud Infrastructure \(NCM-MCI\)](#)

16-20 Questions Exam – 3000/1000-6000 Cut Score – Duration of 180 minutes

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Get Ready for the NCM-MCI Exam:

Prepare effectively for the NCM-MCI exam using reliable study [strategies and methods](#). Enhance your preparedness, deepen your understanding of the Master Level, and enhance your likelihood of achieving success in the Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) with our comprehensive guide. Embark on your path to exam excellence today.

Know More About the Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) Certification:

Exam Name	Nutanix Certified Master - Multicloud Infrastructure
Exam Code	NCM-MCI
Exam Price	\$299 USD
Duration	180 minutes
Number of Questions	16-20
Passing Score	3000/1000-6000
Recommended Training / Books	Advanced Administration & Performance Management (AAPM) v6.5
Schedule Exam	Nutanix
Sample Questions	Nutanix NCM-MCI Sample Questions
Recommended Practice	Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) Practice Test

Learn More About the NCM-MCI Syllabus:

Section	Objectives
Analyze and Optimize Storage Performance	- Analyze and optimize storage settings <ul style="list-style-type: none"> • Evaluate business critical apps' storage settings • Optimize high intensity workloads (VDI, database, archive) • Outline data storage efficiencies • Recommend workloads for erasure coding, compression and deduplication

Section	Objectives
	<ul style="list-style-type: none"> - Evaluate competing workload requirements <ul style="list-style-type: none"> • Compare configuration to best practice • Evaluate impact of configuration variance • Implement optimal configuration for the competing workloads - Outline storage internals (I/O) <ul style="list-style-type: none"> • Distinguish AOS storage data pathing • Determine how a system responds to failures • Evaluate benefits of different storage tech • Implement optimal configuration for storage efficiency
Analyze and Optimize Network Performance	<ul style="list-style-type: none"> - Analyze/optimize overlay networking <ul style="list-style-type: none"> • Analyze network overlay requirements • Configure efficient VPCs • Prepare AOS for overlay networking - Evaluate and optimize physical/virtual networks <ul style="list-style-type: none"> • Integrate physical networks capabilities with AHV • Implement Nutanix networking best practices • Integrate virtual networks capabilities with Hypervisor <ul style="list-style-type: none"> - Load balancing - Multiple bridges - CVM Networking - Implement advanced network configurations <ul style="list-style-type: none"> • Isolate network traffic • Configure packet capture • Improve VM network performance <ul style="list-style-type: none"> - VNIC queues - Analyze/optimize Flow policies and configurations <ul style="list-style-type: none"> • Differentiate between Flow security policies • Detect and quarantine infected VMs • Configure microsegmentation in a Nutanix environment
Advanced Configuration and Troubleshooting	<ul style="list-style-type: none"> - Execute API calls and CLI functionality <ul style="list-style-type: none"> • Create and analyze JSON schemas for API calls • Use CLI commands to extract configuration information from nodes and CVMs. • Troubleshoot API calls/usage <ul style="list-style-type: none"> - VM creation and configuration changes - Nutanix networking creation and configuration changes

Section	Objectives
	<ul style="list-style-type: none"> - Configure third-party integrations <ul style="list-style-type: none"> • Configure SysLog • Configure GPU support • Configure shared disk cluster leveraging volumes • Configure external KMS • Configure third-party SSL - Analyze and configure AOS security posture <ul style="list-style-type: none"> • Evaluate scenario and determine applicable security technologies • Analyze RBAC usage scenarios • Investigate security configuration • Evaluate data-at-rest encryption (DARE) configuration • Evaluate and configure IAM/IDP/SAML - Translate business requirements into technical solutions <ul style="list-style-type: none"> • Verify future capacity needs • Assess business continuity and disaster recovery plan • Investigate security needs • Recommend availability features - Given a scenario, configure system to mitigate risk <ul style="list-style-type: none"> • Analyze data integrity and availability requirements • Evaluate user access requirements and roles • Ensure secure connections <ul style="list-style-type: none"> - SSL certs - IAM • Prevent or recover from ransomware - Troubleshoot Nutanix services <ul style="list-style-type: none"> • Evaluate cluster health • Analyze failing subsystems • Evaluate troubleshooting methodology and logic
Analyze and Optimize VM Performance	<ul style="list-style-type: none"> - Manipulate VM configuration for resource utilization <ul style="list-style-type: none"> • Evaluate clusters and identify inefficient VMs • Perform advanced VM right-sizing • Use X-Play to optimize VMs - Interpret VM, node, and cluster metrics <ul style="list-style-type: none"> • Analyze VM and application-specific metrics <ul style="list-style-type: none"> - Latency - Traffic

Section	Objectives
	<ul style="list-style-type: none"> - Errors • Create and evaluate alerts and analysis charts
Business Continuity	<ul style="list-style-type: none"> - Analyze BCDR plans for compliance with business objectives <ul style="list-style-type: none"> • Evaluate protected workloads • Assess protection policies & recovery plans • Evaluate protection domain configuration • Evaluate replication technology • Verify CVM configuration - Evaluate BCDR plans for specific workloads <ul style="list-style-type: none"> • Validate workload recovery <ul style="list-style-type: none"> - RTO - Networking - Supporting infrastructure (Active Directory, LDAP) • Determine technical limitations on a BCDR plan <ul style="list-style-type: none"> - Storage-heavy nodes - Bandwidth - Latency

Prepare with NCM-MCI Sample Questions:

Question: 1

In a Nutanix cluster, a Protection Domain contains 50 entities that are replicated to a remote Single Node Replication Target. The current schedule configuration is as follows:

- Repeat every 6 hours
- Local Retention Policy 1
- Remote Retention Policy 8
- Starting time 12 am

At 8 am on Monday, the administrator discovers that a protected VM is corrupted. The latest good state was Sunday 2 pm. The administrator needs to maintain current protection. Which strategy should the administrator use to meet these requirements?

- a) From the Remote site, activate the Protection Domain, then re-protect the entity.
- b) From the Remote site, restore the VM from the local snapshot by selecting the correct snapshot.
- c) From the local site, retrieve the correct remote snapshot, then restore the VM locally.
- d) From the local site, restore the VM from the local snapshot by selecting the correct snapshot.

Answer: c

Question: 2

An administrator needs to forecast infrastructure requirements for a new program and its associated applications. Prior to the projected start of the new program, all existing applications will be decommissioned. How should the administrator perform this task?

- a) Check the Disregard Existing Workloads radio button in the Runway scenario.
- b) Check the Disregard Existing Nodes radio button in the Runway scenario.
- c) Add up the recovered workloads and manually remove from the Runway configuration.
- d) Power down the workloads during a maintenance window and run the Capacity Runway.

Answer: a

Question: 3

For several days, an administrator notices the following alerts:

- CVM NIC Speed Low Warning Alerts
- Warning Alerts of CVM NIC not performing at optimal speed
- CVM is disconnected from the network Critical Alert
- Network Visualization page shows excessive dropped packets on CVM/Host.

Which steps should be taken to determine which problem should be addressed first?

- a) - Restart networking services on the CVM
 - Determine the current configuration of the affected CVM via output
 - Access the Alerts/Events page for the CVM network connection failures
- b) - Review Alerts page for NIC speed alerts and alert timing
 - Analyze the genesis.out log file for process failures
 - Assess the NIC properties in the Network Visualization > Host Properties page
- c) - Verify Host/CVM connectivity on the Network Visualization page
 - Use to verify the bridge and bond configuration
 - Review alerts/events page for the CVM disconnected error
- d) - Access the Hardware Page to verify resources are available
 - Analyze all CVM Speed Alerts in the Alerts/Events page
 - Analyze output for the network and interface properties and connectivity issues

Answer: c

Question: 4

A company needs to replicate their VMs to a remote site and must have an RPO of less than 1 hour. When creating a protection domain, what should an administrator do to meet this requirement?

- a) Enable Async Replication with an RPO of 60 minutes
- b) Enable Near-Sync Replication with an RPO of 15 minutes
- c) Enable Entity Sync on the designated VMs
- d) Enable Availability Zones and send the VM to multiple targets

Answer: b

Question: 5

An administrator needs to relocate an AHV cluster to a new datacenter during a maintenance window. The cluster will use the same IPs in the new datacenter. Which two steps should be taken to prepare for this task?

(Choose two.)

- a) Stop all Nutanix Files clusters
- b) Relocate the linked LDAP servers
- c) Shut down all user VMs in the cluster
- d) Reconfigure IPMI for the new datacenter

Answer: a, c

Question: 6

An organization is running a Nutanix Cluster based on AOS 5.10.x and VMware vSphere 6.7. Currently, the CVM network is segmented and Storage only nodes not present. A new security project based on NSX is coming. VMware Distributed Virtual Switches are required. The administrator needs to prepare the environment for the new project.

Which step should the administrator use to initiate the project?

- a) Convert storage only nodes into vSphere nodes
- b) Enable Jumbo Frames to accommodate network frames
- c) Enable Nutanix Flow at the Prism Central Level
- d) Manually disable CVM network Segmentation

Answer: b

Question: 7

Microsegmentation was recently enabled in a Nutanix environment. The administrator wants to leverage Prism Central to create a policy that will block all traffic, regardless of direction, between two groups of Vms identified by their category.

Which policy should be used to meet this requirement?

- a) A Quarantine Policy
- b) An Isolation Environment Policy
- c) An Application Security Policy
- d) A Whitelist-Based Policy

Answer: b

Question: 8

While creating an image placement policy on the organizations AOS 5.15-based Nutanix cluster, the administrator wants to ensure there are no restrictions on using the selected images on clusters outside of the identified set. What type of Policy Enforcement must the administrator choose?

- a) Soft
- b) Internal
- c) Hard
- d) External

Answer: a

Question: 9

The networking team makes changes to the Top of Rack switches to which the Nutanix cluster are attached. A few VMs are able to communicate with each other on the same node but are unable to connect to other parts of the network. What is the likely cause of this issue?

- a) There is a VLAN misconfiguration on the VMs.
- b) Jumbo Frame are misconfigured across ports.
- c) The vNIC port is disconnected on the affected VMs.
- d) There is a VLAN misconfiguration on the switch.

Answer: d

Question: 10

An administrator is configuring software only. Data-at-Rest Encryption on their Nutanix cluster. They are planning to deploy a third-party key management server (KMS). Where should this server be hosted?

- a) As a single VM on the Nutanix cluster
- b) On hardware external to the Nutanix cluster
- c) As a clustered VM setup on the Nutanix cluster
- d) As a single VM deployed on the host that contains the Prism leader CVM

Answer: b

Tips for Success in the Nutanix Certified Master - Multicloud Infrastructure Exam:

Familiarize Yourself with the NCM-MCI Exam Format:

Before starting your study regimen, it's crucial to acquaint yourself with the structure of the NCM-MCI exam. Take a moment to [review the exam syllabus](#), grasp the test format, and pinpoint the main areas of concentration. Having prior knowledge of the exam's layout will assist you in customizing your study strategy effectively.

Create A Study Timetable for the NCM-MCI Exam:

To prepare efficiently for the NCM-MCI exam, devise a study schedule that aligns with your lifestyle and preferred learning approach. Allocate dedicated time slots for studying each day, prioritizing topics according to their significance and your level of proficiency. Maintaining consistency by adhering to your schedule and steering clear of procrastination is imperative.

Diversify Your Study Sources:

Ensure you broaden your study material beyond just one source. Use various resources like textbooks, online courses, practice exams, and study guides to understand the NCM-MCI exam subjects thoroughly. Each resource provides distinct perspectives and explanations that can enrich your learning journey.

Regular Practice for the NCM-MCI Exam:

Consistent practice is essential for effective preparation for the NCM-MCI exam. Engaging in regular practice enables you to strengthen your grasp of essential concepts, improve your problem-solving abilities, and become accustomed to the exam format. Allocate dedicated time to solving practice questions and sample tests to assess your progress accurately.

Allow for Rest and Breaks:

While studying is crucial, taking breaks and rest is equally vital. Pushing yourself too hard without sufficient rest can result in burnout and reduced effectiveness. Incorporate short breaks into your study sessions to recharge and stay focused.

Maintain Organization Throughout Your NCM-MCI Exam Preparation:

Keep yourself organized as you prepare for the NCM-MCI exam by monitoring your progress and managing your materials effectively. Ensure your study area remains neat, utilize folders or digital aids to arrange your notes and resources, and develop a checklist of topics to review. Employing an organized approach will assist you in staying focused and reducing stress levels.

Seek Guidance from Mentors:

Feel free to ask for clarification when you come across confusing or difficult concepts during your study sessions. Seek support from peers, instructors, or online forums to address any uncertainties. Addressing doubts will prevent misunderstandings and ensure you develop a strong [understanding of the material](#).

Regular Review is Crucial for the NCM-MCI Exam:

Frequent revisiting of material is paramount for retaining information over the long term. Revisit topics you've already covered to strengthen your comprehension and pinpoint areas that need further focus. Regular review sessions will [solidify your understanding](#) and enhance your confidence.

Master Time Management for the NCM-MCI Exam:

Skillful time management is essential on the exam day to ensure you finish all sections within the designated time limits. During your practice sessions, replicate the conditions of the NCM-MCI exam and practice managing your time accordingly. Formulate strategies for efficiently addressing each section to optimize your score.

Have A Positive Mindset:

Finally, maintain a positive attitude and have faith in your capabilities. Stay confident in your preparation and trust that you are well-prepared to handle the NCM-MCI exam. Envision success, remain focused, and approach the exam calmly and objectively.

Benefits of Passing the NCM-MCI Exam:

- Completing the NCM-MCI exam unlocks pathways to fresh career prospects and progression within your industry.
- The extensive preparation needed for the NCM-MCI certification equips you with comprehensive knowledge and practical expertise applicable to your field.
- Possessing the NCM-MCI certification showcases your mastery and dedication to excellence, garnering acknowledgment from both peers and employers.
- Certified professionals often command higher salaries and have greater potential for earning than those without certification.
- Acquiring the NCM-MCI certification validates your competence and trustworthiness, fostering confidence among clients, employers, and peers.

Explore the Trusted Practice Exam for the NCM-MCI Certification:

At vmexam.com, you'll find comprehensive resources for the NCM-MCI exam. Our platform offers authentic practice exams tailored specifically for the NCM-MCI certification. What advantages do these practice exams provide? You'll encounter genuine exam-style questions expertly crafted by industry professionals, allowing you to improve your performance in the exam. Rely on vmexam.com for rigorous, unlimited access to [NCM-MCI practice exams](#) for two months, allowing you to boost your confidence steadily. Through focused practice, numerous candidates have successfully streamlined their path to achieving the Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI).

Final Remarks:

Preparing for the NCM-MCI examination demands commitment, strategic planning, and efficient study methods. Implementing these study suggestions can enrich your preparation, elevate your self-assurance, and increase your likelihood of excelling in the exam. Keep your focus sharp, maintain organization, and believe in your abilities. Best of luck!

Here Is the Trusted Practice Test for the NCM-MCI Certification

VMExam.Com is here with all the necessary details regarding the NCM-MCI exam. We provide authentic practice tests for the NCM-MCI exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on VMExam.Com for rigorous, unlimited two-month attempts on the [NCM-MCI practice tests](https://www.vmexam.com/nutanix/ncm-mci-nutanix-certified-master-multicloud-infrastructure), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI).

Start Online Practice of NCM-MCI Exam by Visiting URL

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