Nutanix NCX-MCI

NUTANIX MULTICLOUD INFRASTRUCTURE CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

NCX-MCI

Nutanix Certified Expert - Multicloud Infrastructure (NCX-MCI)
75 Questions Exam – Duration of 60 minutes

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Know Your NCX-MCI Certification Well:

The NCX-MCI is best suitable for candidates who want to gain knowledge in the Nutanix Expert Level. Before you start your NCX-MCI preparation you may struggle to get all the crucial Multicloud Infrastructure materials like NCX-MCI syllabus, sample questions, study guide.

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

Passing the NCX-MCI exam makes you Nutanix Certified Expert - Multicloud Infrastructure (NCX-MCI). Having the Multicloud Infrastructure certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Nutanix NCX-MCI Multicloud Infrastructure Certification Details:

Exam Name	Nutanix Certified Expert - Multicloud Infrastructure
Exam Code	NCX-MCI
Exam Price	$399 USD
Duration	60 minutes
Number of Questions	75
Passing Score	3000/1000-6000
Recommended Training / Books	**Nutanix Multicloud Infrastructure Design (NMCID)**
Schedule Exam	**Nutanix**
Sample Questions	**Nutanix NCX-MCI Sample Questions**
Recommended Practice	**Nutanix Certified Expert - Multicloud Infrastructure (NCX-MCI) Practice Test**

NCX-MCI Syllabus:

Section	Objectives
Customer Consultation	- Requirements • Gather specific, measurable, traceable, and concise business, technical, functional, and non-functional requirements from the customer - Risks • Identify risks to solution success; and create a high-level impact analysis and/or risk mitigation plan - Constraints • Identify constraints that influence the solution and create a high-level impact analysis - Assumptions • Identify assumptions that influence the solution and create a high-level impact analysis - Operational Readiness • Complete a high-level organizational readiness assessment and make recommendations for training or organizational changes as required - Migration & Transition • Formulate a low-risk migration strategy and discuss a roll-back strategy
Conceptual/Logical Design	- Scalability • Identify and explain options for scaling Nutanix solution including application layer. Demonstrate an understanding of relationships between scalability, performance, and resilience - Resiliency • Identify failure scenarios and domains and provide traceability to SLAs limited to infrastructure (SLAs, RTO, RPO) - Performance • Show how customer requirements have been met and demonstrate an understanding of performance/validation tools such as FIO, IOMeter, JetStress. • Describe what can be tuned in the platform and when/when not to change default settings.

Section	Objectives
	- Manageability & Control Plane Architecture • Explain of how management components interact and minimize complexity. • Describe the "business as usual" activities such as patching, upgrades, and configuration management - Data Protection & Recoverability • Explain how the solution's data protection and recoverability was designed and validated at a high-level and how RPO/RTO requirements are met - Logical Sizing and Capacity Planning • Defend and validate that the design meets capacity requirements - Compliance & Security • Explain how compliance, security, and risk requirements were met; Identify and provide understanding of where industry-standard security and compliance frameworks such as PCI DSS, STIG, HIPAA, EUGDPR, ISO 27001 apply - Virtual Machine Logical Design • Provide explanation of virtual machine logical specifications, interoperability, and configuration - Third Party Product Integration • Provide explanation of how third-party integrations provide costeffective solutions that meet customer requirements
Physical Design	- Hardware Sizing • Justify sizing rationale based on calculations and demonstrate how the application working set size was obtained - Storage Infrastructure • Explain impact and implications of protocols, IO sizes and patterns, and data transforms; Explain combined storage infrastructure design decisions - Platform Selection • Justify selection of components in a node and cluster configuration - Networking Infrastructure • Identify configuration options and explain how the chosen

Section	Objectives
	network topology meets customer requirements - Virtual Machine Physical Design • Identify necessary physical virtual machine components such as type of scsi adaptor and system network adaptor configuration - Management Component Design • Provide explanation and justification of management component configuration (e.g., patching, monitoring, updating, upgrading, sizing) such as automated patching, RHN satellite, spacewalk, PRISM Central, and Acropolis - Data Center Infrastructure - Environmental & Power • Provide specifications for space, power usage, heat output and show how the solution conforms to the resources available in the chosen location(s)

Nutanix NCX-MCI Sample Questions:

Question: 1

A retail company plans to deploy a Nutanix-based e-commerce platform. The business expects seasonal traffic spikes, requiring dynamic scalability while ensuring high performance. What is the best solution?

a) Deploy a fixed-size cluster and manually adjust resources during peak times
b) Use Nutanix Prism Central to implement auto-scaling policies
c) Optimize the system to run only on a single high-performance node
d) Move the entire e-commerce platform to a public cloud provider

Answer: b

Question: 2

A company is planning its data protection strategy for a Nutanix cluster. What is the primary advantage of using Snapshots over traditional backups?

a) Snapshots provide point-in-time recovery with minimal storage overhead
b) Snapshots automatically eliminate the need for replication
c) Snapshots can be used as the only recovery mechanism
d) Snapshots store data in external third-party storage

Answer: a

Question: 3

Which of the following are examples of business constraints that may impact a Nutanix multicloud deployment?

(Select two.)

a) Limited IT budget for cloud services
b) The requirement to use a specific Nutanix storage solution
c) High availability requirements with a defined 99.99% SLA
d) Limited in-house expertise in Nutanix multicloud solutions

Answer: a, d

Question: 4

Which of the following third-party integrations are commonly used with Nutanix HCI?

(Select two.)

a) Splunk for log analysis and monitoring
b) AWS Glacier for cold storage backups
c) Windows Server Failover Clustering (WSFC)
d) Dropbox for enterprise file sharing

Answer: a, c

Question: 5

A customer is building a Nutanix cluster for high-performance transactional databases. Which Nutanix platform should be selected for low-latency storage performance?

a) All-NVMe storage nodes
b) Hybrid nodes with SATA SSD and HDD storage
c) Cold storage-optimized nodes with only HDDs
d) Low-power CPU nodes with minimal disk space

Answer: a

Question: 6

When designing a high-performance Nutanix storage infrastructure, which considerations should be prioritized?

(Select two.)

a) Use all-NVMe storage for ultra-low latency
b) Enable deduplication on all workloads
c) Ensure proper data locality for faster access
d) Use legacy RAID configurations for redundancy

Answer: a, c

Question: 7

A Nutanix engineer is designing a solution that must scale out easily while maintaining high performance. What is the best strategy for achieving this?

a) Use large, monolithic servers to handle increasing workloads
b) Implement a distributed architecture with multiple Nutanix nodes
c) Configure all workloads to run on a single Nutanix cluster
d) Prioritize hypervisor-level tuning over infrastructure scaling

Answer: b

Question: 8

Which Nutanix features enhance compliance and security?

(Select two.)

a) Prism Security Dashboard
b) Data-at-Rest Encryption (DARE)
c) Auto-Tiering Policies
d) Storage Compression

Answer: a, b

Question: 9

When gathering business requirements for a customer's multicloud infrastructure, which of the following is the most effective way to ensure requirements are specific, measurable, and concise?

a) Rely on historical data from similar deployments
b) Conduct high-level discussions without detailed documentation
c) Use a structured framework like SMART (Specific, Measurable, Achievable, Relevant, Time-bound)
d) Focus only on technical requirements, as business goals are secondary

Answer: c

Question: 10

Which factors contribute to high resiliency in a Nutanix deployment?

(Select two.)

a) Deploying a single-node cluster for efficiency
b) Data replication across nodes
c) Distributing workloads across failure domains
d) Reducing storage redundancy to optimize cost

Answer: b, c

Study Guide to Crack Nutanix Multicloud Infrastructure NCX-MCI Exam:

- Getting details of the NCX-MCI 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 NCX-MCI 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 Nutanix provided training for NCX-MCI 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 NCX-MCI 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 NCX-MCI practice tests is must. Continuous practice will make you an expert in all syllabus areas.