

Nutanix NCX-MCI

Nutanix Certified Expert - Multicloud Infrastructure

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Latest Version: 6.0

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?
Response:

- 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?
Response:

- 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 Nutanix features enhance compliance and security?
(Select two.)
Response:

- A. Prism Security Dashboard
- B. Auto-Tiering Policies
- C. Data-at-Rest Encryption (DARE)
- D. Storage Compression

Answer: A,C

Question: 4

Which factors contribute to high resiliency in a Nutanix deployment?

(Select two.)

Response:

- A. Data replication across nodes
- B. Deploying a single-node cluster for efficiency
- C. Distributing workloads across failure domains
- D. Reducing storage redundancy to optimize cost

Answer: A,C

Question: 5

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

Response:

- 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: 6

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?

Response:

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

Answer: B

Question: 7

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

(Select two.)

Response:

- 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: 8

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

Response:

- 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: 9

A consultant is designing a high-availability Nutanix solution and assumes that the customer will deploy backup power solutions. Which of the following should be included in the design to mitigate risk if this assumption proves incorrect?

(Select two.)

Response:

- A. Implement automated VM failover to a secondary site
- B. Use only SSD-based storage to reduce power usage
- C. Deploy a stretched cluster across multiple datacenters
- D. Use Nutanix Move to migrate workloads to a public cloud during an outage

Answer: A,C

Question: 10

Which of the following third-party integrations are commonly used with Nutanix HCI?
(Select two.)

Response:

- 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

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