Free Questions for NCSE-Core

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Question 1

Question Type: MultipleChoice

A customer asks for a quote for a hybrid cluster to run general purpose VMs and an ERP application. The customer has a vSAN ReadyNode quote already and is looking for a comparable Nutanix solution. They share the following bill of materials: 3 Hosts , 2x E5-2640v4 CPUs , 512GB RAM , 1 x 480GB SSD , 2 x 8TB HDD , 2 x 1GB NIC What are two reasons to avoid sizing to match a competitor's bill of materials ? (Choose two)

Options:

A- Sizing data from the competition was shared.
B- There is no visibility to the actual customer requirement
C- The assumptions made in the competitor's sizing cannot be determined.
D- Nutanix Collector is better at capturing the metrics needed

Answer:

B, C

Question 2

Question Type: MultipleChoice

An 8-node hybrid cluster is configured with a Fault Tolerance level of 2 (RF3). All nodes are identical. Which simultaneous failures will result in VM data being unavailable?

Options:

A- Two HDD failures on one node and a single SSD failure on another node
B- Single SSD failure on one node and a single SSD failure on another node
C- SSD failures on two nodes and a CVM powered off on another.
D- CVM being powered off on one node and two HDD failures on another node.

Answer:

C

Question 3

Question Type: MultipleChoice

Compared to a 3-tier architecture, Which two benefits does Nutanix bring to an organization? (Choose two.)

Options:

A- Elimination of siloed storage with file, block and object storage in a single platform
B- IT complexity with outdated infrastructure, processes, and skill sets in silos
C- Ability to avoid generational infrastructure silos using modem life cycle management
D- Tedious sizing of compute and storage requirements

Answer:

A, C

Question 4

Question Type: MultipleChoice

A prospective customer wants to migrate database workloads to Nutanix. They are currently running these workloads on a 3-tier vSphere architecture made up of 5 hosts connected to a hybrid SAN over 10G iSCSI. The hosts each have 256G RAM and 2 Broadwell 2.8Ghz 12 core processors. The largest database VM is configured with 64G of memory. Some databases are fairly old and single threaded Current performance is deemed acceptable. Which configuration component is most important to maintain the customer experience on a new Nutanix cluster and minimize costs ?

Options:

A- Make sure the cluster uses 25G nics to speed up the network
B- Make sure the cluster uses similar speed processors regardless of generation
C- Make sure the cluster uses 512G per host to protect NUMA boundaries.
D- Make sure the cluster is all flash to speed up data access.

Answer:

B

Question 5

Question Type: MultipleChoice

A customer is evaluating Nutanix to replace their existing 200TB filer. The filer is used to store archived images. To achieve maximum storage density. RF2 and Erasure Coding are proposed. What is the minimum number of nodes required to support the maximum Erasure Coding stripe size of 4/1 (data/parity)?

Options:

A- 4 Nodes
B- 5 Nodes
C- 6 Nodes
D- 7 Nodes

Answer:

A

Question 6

Question Type: MultipleChoice

What are two key Nutanix value propositions? (Choose two)

Options:

A- One-Click Infrastructure Management
B- Rapid time to value
C- Highest performance across all workload types
D- Lowest initial cost than a comparable competitive HCI or 3-tier solution

Answer:

A, D

Question 7

Question Type: MultipleChoice

What are two things that the ADS service does for VMs within AHV? (Choose two.)

Options:

A- Invoke workload movement if there is contention of resources.
B- Invoke workload movement when there is no contention of resource
C- Balance VMs throughout the Cluster when the VM is first powered on
D- Re-balance powered-on VMs evenly throughout the cluster

Answer:

A, C

Question 8

Question Type: MultipleChoice

Using the Sizing Option shown, which two configurations are possible configurations that Sizer could provide in Automatic mode? (Choose two) ????

Options:

A- 6x NX-8055-G7 (2 x 7.68TB SSD + 10x 6TB HDD per node)
B- 4x NX-1075S-G7 (4x 3.85TB SSDs per node) + 4x NX-8035-G7 (6x 3.84TB SSD per node)
C- 3x NX-3060-G7 (2x 1920GB SSDs per node) + 3x NX-10755-G7 (4x 3.84TB SSDs per node)
D- 6x NX-3060-G7 (6x 1920GB SSDs per node)

Answer:

C, D

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