

Nutanix

NCSE-CORE Exam

Nutanix Certified Systems Engineer Core Exam

**Questions & Answers
(Demo Version – Limited Content)**

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Version: 4.0

Question: 1

ABC Corp currently has 50 VMs currently running in production and is interested in sizing a DR cluster. The RTO is 4 hours and the RPO is 2 hours .

Each VM has 100GB of data, with a 5% daily change rate .for retention the customer wants to keep 2 weeks of snaps on the DR cluster.

What is the minimum amount of storage capacity for the remote cluster to meet the customer's data retention

- A. 6TB to 7TB
- B. 8TB to 9TB
- C. 10TB to 11TB
- D. 14TB to 15T

Answer: B

Question: 2

A customer is asking for a quote for a hybrid cluster to run general purpose VMs and an ERP application containing a 500GB database. The customer has a VSAN ReadyNode quote already and looking for a comparable Nutanix solution. They share the following specifications

3 hosts

2 x E5-2640v4 CPU

512GB RAM

1 x 480GB SSD

2 x 8TB HDD

2 x 1GB NIC

Which two aspects of the requested configuration should cause concern and need for further discovery? (Choose two.)

- A. 2 x E5-2640v4 CPU
- B. 512GB RAM
- C. 1 x 480GB SSD
- D. 2 x 8TB HDD
- E. 2 x 1GB NIC

Answer: C, E

Question: 3

A customer is conceded that IT will not be able to take advantage of Nutanix's frequent feature

releases due to the man hour requirements of maintaining compliance with industry regulatory controls.

Which item should the SE discuss at the next customer visit with IT?

- A. Data at Rest Encryption (Software)
- B. Two-factor Authentication
- C. Security Configuration Management Automation (SCMA)
- D. Factory-installed self-encryption drives (SED)

Answer: C

Question: 4

A customer is provisioning 1,000 linked clone desktops with View Composer for their call center. During a short period between shift changes, desktops must be rebooted.

Which Nutanix feature will help to mitigate the desktop boot times?

- A. Shadow Clones
- B. Performance Tier De-duplication
- C. Content Based Read Cache
- D. View Acceleration Array Intergration"

Answer: A

Question: 5

A customer plans to migrate a business critical, highly transactional SQL Server database to Nutanix. Currently the database is running on a physical server with 256GB of RAM and 12 CPU cores at > 80% utilization. To run the VM on a single NUMA node, which processor configuration should the SE recommend for this workload?

- A. Intel E5 2680v4 (14 cores each @ 2.4GHZ, 28 Cores total)
- B. Intel E5 2620v4 (8 cores each @ 2.1GHZ, 16 Cores total)
- C. Intel E5 2643v4 (6 cores each @ 3.4GHZ, 12 Cores total)
- D. Intel E5 2667v4 (8 cores each @ 3.2GHZ, 16 Cores total)

Answer: D

Question: 6

After a meeting with a new prospect to demo Nutanix for a Splunk opportunity, the prospect requests a POC.

To qualify the need for a POC, which question should an SE ask the prospect first?

- A. Are you considering other solutions?
- B. What do you plan to evaluate?
- C. Is this project budgeted?
- D. Which version of Splunk are you running?

Answer: B

Question: 7

An SE builds a sizer scenario for a prospect's remote site running on an NX-1365S-G5. Using only the sizer BOM, which two actions can be performed? (Choose two.)

- A. Review budgetary pricing
- B. Review workload sizing details
- C. Review power consumption requirements
- D. Review applicable discounts from deal registration
- E. Reference the HCL for additional SKUs relevant to the configuration

Answer: B, E

Question: 8

An SE is building a solution for a federal government prospect that u???

Which two items are required to deliver a solution that means the ??? encryption (choose two)

- A. Nutanix Acropolis Pro Licensing
- B. Self-Encrypting Drives
- C. A supported Key Management Server
- D. Nutanix Software Encryption

Answer: B, D

Question: 9

An SE is working with a financial institution prospect on a VDI environment refresh. The institution currently has 5000 named VDI users, with a peak of 2800 concurrent users.

How many VDI VMs does the SE need to size for, factoring in an additional 10% for growth?

- A. 2880
- B. 3080
- C. 5000
- D. 5500

Answer: B

Question: 10

A Nutanix customer needs to migrate 1000VMs from ACME Public Cloud to a local Nutanix cluster. ACME Public Cloud operates on VMware ESXi, HP ProLiant Servers with 3PAR storage. ACME Public Cloud denies customers access to vCenter or ESXi hosts, but they do replicate a copy of the virtual disks to external storage.

Which method should the customer use to migrate the VMs to a local Nutanix Cluster?

- A. Use Xtract for VMs to migrate VMs from ACME Public Cloud vCenter to local Nutanix cluster.
- B. Deploy Nutanix Community Edition in ACME Public Cloud and replicate VMs to local Nutanix cluster.
- C. Use Calm to automate and orchestrate deployment on the local Nutanix cluster.
- D. Use the latest copy of VMs on external storage to import on the local Nutanix cluster.

Answer: D

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