

Nutanix.Pre.NCSE-CORE.30q - DEMO

Number: NCSE-CORE
Passing Score: 800
Time Limit: 120 min



Exam Code: NCSE-Core
Exam Name: Nutanix Certified Systems Engineer Core
Website: www.VCEplus.io - www.VCEup.com

VCEup

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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)

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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"

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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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?

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 7

An SE builds a sizing scenario for a prospect's remote site running on an NX-1365S-G5. Using only the sizing 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

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 11

A prospect discloses they have had multiple instances of unplanned downtime in the last 3 months due to server hardware failures. The team has been through multiple reorganizations in support of a struggling cloud migration project. As a result, cummunication whithin the team has suffered and some notifications from their SNMP based monitoring solution have been ignored.

Which Nutanix feature should the SE highlight?

- A. Pulse
- B. Insights
- C. Prism
- D. Watchtower

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 12

A prospect facing an upcoming VMware ELA renewal has a management directive to move to the public cloud due to perceived cost savings. Their virtualization team is currently struggling with refactoring applications for AWS. As a result, the virtualization team is pushing to evaluate VXRail and renew their VMware ELA. Which two aspects of Nutanix should the SE Highlight? (Choose two)

- A. Nutanix AHV
- B. Cloud Connect
- C. Nutanix Calm
- D. Multi-cluster Management
- E. Multi-hypervisor Support

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 13

A prospect indicates a requirement to replicate data offsite for a production workload. Which three questions the SE ask about the prospect's requirement? (Choose three.)

- A. What are the retention requirements?
- B. How much data needs to be replicated?
- C. What OS will be deployed on the server VMs?
- D. What is the WAN speed and latency between source and target sites?
- E. Will Prism Pro be licensed for each cluster?

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 14

A prospect is concerned about the suitability and design of using Nutanix for an upcoming Avaya IP Office migration. Which type of document should the SE provide?

- A. Best Practice Guide
- B. Reference Architecture
- C. Filed Advisory
- D. Knowledge Base Article

Correct Answer: B
Section: (none)

Explanation**Explanation/Reference:**

Explanation:

QUESTION 15

A prospect is evaluating HEP SimpliVity and Nutanix Software-Only on HPE servers and receives FUD from the competition regarding HPE not supporting or officially partnering with Nutanix. which two items should be leveraged to overcome concern about product supportability? (Choose two)

- A. TSA net
- B. SimpliVity competitive briefing
- C. NX appliances
- D. Nutanix Sizer BOM
- E. Nutanix Software Only HCL

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 16

A prospect is evaluating Nutanix for a large number of Oracle RAC deployments. Time to deployment is a top priority, and the prospect has developed a self-service tool in-house to expedite these deployments. Which Nutanix feature should be discussed?

- A. Calm
- B. Xtract for Databases
- C. ABS
- D. REST API

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 17

A prospect is experiencing disk performance issues in their database environment. The prospect's databases currently run on physical servers and an iSCSI SAN with spinning disks. Which two Nutanix features should an SE discuss with this prospect to address their disk performance issues? (Choose two)

- A. Snapshots
- B. Data Locality
- C. De-duplication
- D. Erasure Coding
- E. All Flash Nodes

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 18

A prospect is interested in evaluating Nutanix at no cost for a few months, but wants to use existing test hardware to deploy a few VMs. Their primary interest is in experiencing platform management and not application or benchmark performance. Which approach should an SE recommend?

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- A. Nutanix NX POC
- B. Nutanix community Edition
- C. Nutanix Go
- D. Nutanix Test Drive

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 19

A prospect is replacing a 3-tier virtualization infrastructure made up of several ESXi hosts and a SAN. The prospect recently bought a new 4-socket server to host their SQL server workload which uses the same SAN. Which feature allows the prospect to continue using their new server without buying another SAN?

- A. Heterogeneous clusters
- B. Acropolis Block Services (ABS)
- C. Virtual Fiber Channel Controller
- D. Acropolis Container Services(ACS)

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 20

A prospect is seeking a Nutanix solution for a mission critical application that needs to sustain two simultaneous node outages and prefers that the cluster be able to fully rebuild both data and metadata in the event hardware issues. what is the minimum number of nodes required for the cluster?

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 21

A prospective customer wants to build a private cloud in addition to provisioning workloads across multiple public cloud providers. Presently, the staff lacks the time and skillset for on-premises infrastructure management. Which two features should qualify this project as a Nutanix opportunity? (choose two)

- A. Flow
- B. Calms
- C. Cloud Connect
- D. All falsh nodes
- E. Prism 1-Click operations

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 22

A prospect needs to refresh their environment but has a very small budget for the project. Four years after their last infrastructure refresh, the prospect's core datacenter is only running at 40% utilization. In addition, they have 25 satellite offices.

Each office has a requirement to run 4 to 6 VMs locally.

Which two Nutanix platform capabilities should the SE highlight to address the prospect's concerns?

(Choose two)

- A. Multi-site management
- B. Pay as you grow
- C. Automated data storage tiering
- D. Software only
- E. Single node backup

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 23

A prospect provides sizing details for a new application that will require 15TiB of usable storage. The prospect needs to plan for an additional 20% storage growth as part of the initial purchase. Including capacity to fully re-protect in the event of a node failure, which configuration provides minimal cost while meeting the capacity requirement?

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 24

A prospect's business is growing 100% year over year. The prospect is interested in Nutanix for their main datacenter due to the ability to scale quickly and easily. They have three remote sites that will be refreshed within the next year. Each site needs to replicate to their main datacenter. The SE proposes the Nutanix NX line, and the prospect asks to utilize the Xpress line.

For which reason is the Xpress line the wrong choice? (Choose two)

- A. SX is limited to two 4-node clusters.
- B. SX has a lower services cost for installation.
- C. SX is limited to one 4-node cluster.
- D. SX licensing does not support cluster-to-cluster replication
- E. SX licensing will not support many-to-many- cluster replication

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 25

A prospect's existing SAN-based environment regularly experiences unpredictable storage performance and latency spikes during peak utilization. The most highly affected workload is general server virtualization. Which Nutanix feature addresses this pain point?

- A. AHV-Turbo Mode
- B. Data Locality
- C. Shadow Clones
- D. Persistent Op-log

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 26

A prospect's storage administrator is concerned about deploying Nutanix for their vSphere server virtualization environment due to anticipated increases to data retention for compliance purposes and associated costs. Which Nutanix feature should an SE discuss to convince the prospect to move forward?

- A. Linear scalability by adding more nodes
- B. Acropolis Block Services
- C. Adding Storage Only nodes
- D. Extending storage container with existing SAN storage

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 27

A prospect that is currently virtualized using Dell servers is willing to provide a Live Optics report to assist with sizing a partial infrastructure refresh with Nutanix. Which two items from an approach for sampling accurate sizing data with Live Optics? (Choose one)

- A. 24-hour windows during a period of peak utilization
- B. 12-hour windows during any period
- C. 24-hour windows during any period
- D. 12-hour windows during a period of peak utilization

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 28

prospect uses VMware, Oracle, and Microsoft products for a critical application. The prospect prefers an all flash array because they have significantly invested in servers for their Oracle environment to save on licensing costs. which feature should be discussed to address this objection?

- A. AHV
- B. Hyper-V support
- C. ABS
- D. All flash nodes

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 29

A customer has successfully deployed Citrix XenDesktop on Nutanix, They value the product but view Nutanix as a VDI appliance. The customer mentions a cloud initiative. Which open-ended discovery question should the SE ask to start a conversation about expanding beyond VDI workloads?

- A. Does your company use Microsoft Exchange?
- B. Are you using Time Stream for the VDI workloads?
- C. What is your process for evaluating new methodologies and technologies?
- D. Have you reviewed additional features Nutanix like Calm or Beam yet?

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 30

Customer requests a 30-day POC to test Microsoft SQL Server performance on Nutanix compared to existing infrastructure. Which action should be taken to avoid the POC?

- A. Recommend the customer install Nutanix Community Edition.
- B. Offer a 10% discount if the customer issues an order without a POC.
- C. Share database related Nutanix case studies with the customer.
- D. Recommend X-ray to facilitate performance testing and use the Xtract tool to minimize the migration.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation: