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Nutanix NCSE-Level-1

Version Demo

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QUESTION NO: 1

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?

ANSWER: A B D

QUESTION NO: 2

A large retailer company recently employed a CIO who decided that all operations should be migrated to public cloud offerings. After 7 months, the project was be a failure and determined to the CIO exited. The retailer's infrastructure consisted of tens of thousand's of VMs on thousands of hosts supported by dozen of storage arrays. Only 10% of workloads were migrated to public cloud during the CIO's tenure.

Which open ended discovery questions should the SE ask to determine pain points or gaps? (Choose two)

A. What challenges triggered the public cloud initiative?

B. Which public cloud offering(s) are utilized?

C. Is de-duplication q requirement for your workloads?

D. What are your end users asking for that you cannot deliver today?

ANSWER: A B

QUESTION NO: 3

From Which page on portal.nutanix.com can an open case be directly escalated?

A. Home

B. View Cases

C. 360 View

D. Case Detail

ANSWER: B

QUESTION NO: 4

Which two statements are true regarding SAP?

A. Nutanix is a SAP Global Technology Partner.

B. SAP is certified on Nutanix NX, Lenovo HX and Dell XC hardware.

C. SAP Sybase DB is only supported on IBM Hyperconverged Systems powered by Nutanix.

D. Due to SAP certification requirements, no Nutanix SAP reference architectures are available.
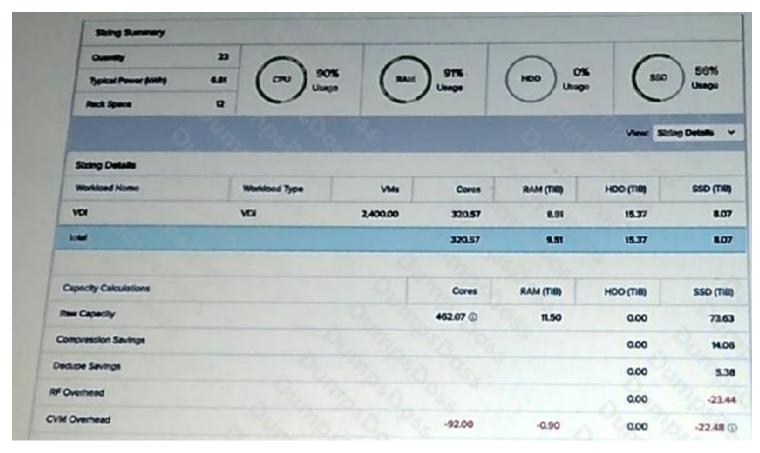

ANSWER: A B

QUESTION NO: 5

A customer recently deployed Nutanix for VDI workloads and determine AFS is suitable for their departmental shares. They ask about infrastructure requirements providing the following file workloads specifics:

• 11.8 TB of data.

• 360000 files.

• 2400 Users.

• 800 shares.

Based on the exhibit,

Sizing Summary									
Quantity	23								
Typical Power (kWh)	6.81	CPU	90% Usage	RAM	91% Usage	HDD	0% Usage	SSD	56% Usage
Rack Space	12								

View: Sizing Details ∨

Sizing Details

Workload Name	Workload Type	VMs	Cores	RAM (TiB)	HDD (TiB)	SSD (TiB)
VDI	VDI	2,400.00	320.57	9.51	15.37	8.07
total			320.57	9.51	15.37	8.07

Capacity Calculations	Cores	RAM (TiB)	HDD (TiB)	SSD (TiB)
Raw Capacity	462.07 ⓘ	11.50	0.00	73.63
Compression Savings			0.00	14.06
Dedupe Savings			0.00	5.38
RF Overhead			0.00	-23.44
CVM Overhead	-92.00	-0.90	0.00	-22.48 ⓘ

which criteria shared by customer supports the requirement of additional nodes?

A. 800 shares.

B. 11.8 TB of data.

C. 360000 files.

D. 2400 Users.

ANSWER: C

QUESTION NO: 6

An SE is using the output from RVTools to size the storage capacity for a Nutanix Cluster.

Which value most closely resembles the minimum required storage capacity that should be entered for the aggregate workload in sizer?

A. 15 TB.

B. 24 TB

C. 37 TB

D. 39 TB

ANSWER: C

An SE is performing a sizing exercise for a large financial institution.

They plan to move 8000 VMs to Nutanix AHV manage those clusters using Prism Central. Which sizing configuration should the SE use for each Prism Central VM?

A. 2 vCPU / 8gig MEM /200 gig Storage

B. 4 vCPU / 16gig MEM /500 gig Storage

C. 8 vCPU / 32gig MEM /2500 gig Storage

D. 10 vCPU / 48gig MEM /3500 gig Storage

ANSWER: C

An existing customer is considering deploying a new Splunk project onto their Nutanix infrastructure. The customer inquires about potential storage capacity saving for their splunk workload.

Which two Nutanix capacity optimization features should the SE recommend? (Choose two)

A. Erasure coding.

B. Post-process compression.

C. Inline compression.

D. Capacity tier de-duplication.

ANSWER: A B

A customer needs to expand an existing cluster to accommodate workloads. The workloads require 5TB of storage capacity (1.2TB of working set data), 64GB of memory, and 10 physical CPU cores. Their current cluster is configured as follows:

• 4x NX-3060-G5 nodes

• Each node is configured with 2x E5-2620v4 processors (8 Cores each), 128GB RAM, 2x 960GB SSDs, and 4x 2TB HDDs

• The cluster is configured as RF2 and is sized for N+1 availability

• Each CVM is configured with 32GB of memory

To maintain optimal metadata balance and data availability, which configuration should be recommended?

A. 2x NX-3060-G5 - 2x E5-2620v4 processors, 128GB RAM, 2x 960GB SSDs, 4x 2TB HDDs

B. 1x NX-6035C-G5 - 2x E5-2620v4 processors, 128GB RAM, 1x 1920GB SSDs, 5x 4TB HDDs

C. 1x NX-3060-G5 - 2x E5-2620v4 processors, 128GB RAM, 2x 1920GB SSDs, 4x 2TB HDDs

D. 3x NX-1065-G5 - 2x E5-2620v4 processors, 128GB RAM, 1x 1920GB SSDs, 2x 4TB HDDs

ANSWER: A

QUESTION NO: 10

A prospect is evaluating solutions to support a project. The SE proposes a hybrid model as recommended by size in addition to nutanix, the prospect is evaluating an all flash storage array. The storage administrator is concerned about the performance the hybrid configuration and claims that the flash array is less expensive the it Director sees the benefits of Nutanix but needs to address the team's concerns.

Which two Nutanix features should be discussed to address the concems of the storage administrator? (Choose two)

A. Data Locality

B. NVMe support

C. 40Gb/s support

D. Capacity Planner

E. Automatic Data Tiering

ANSWER: A E