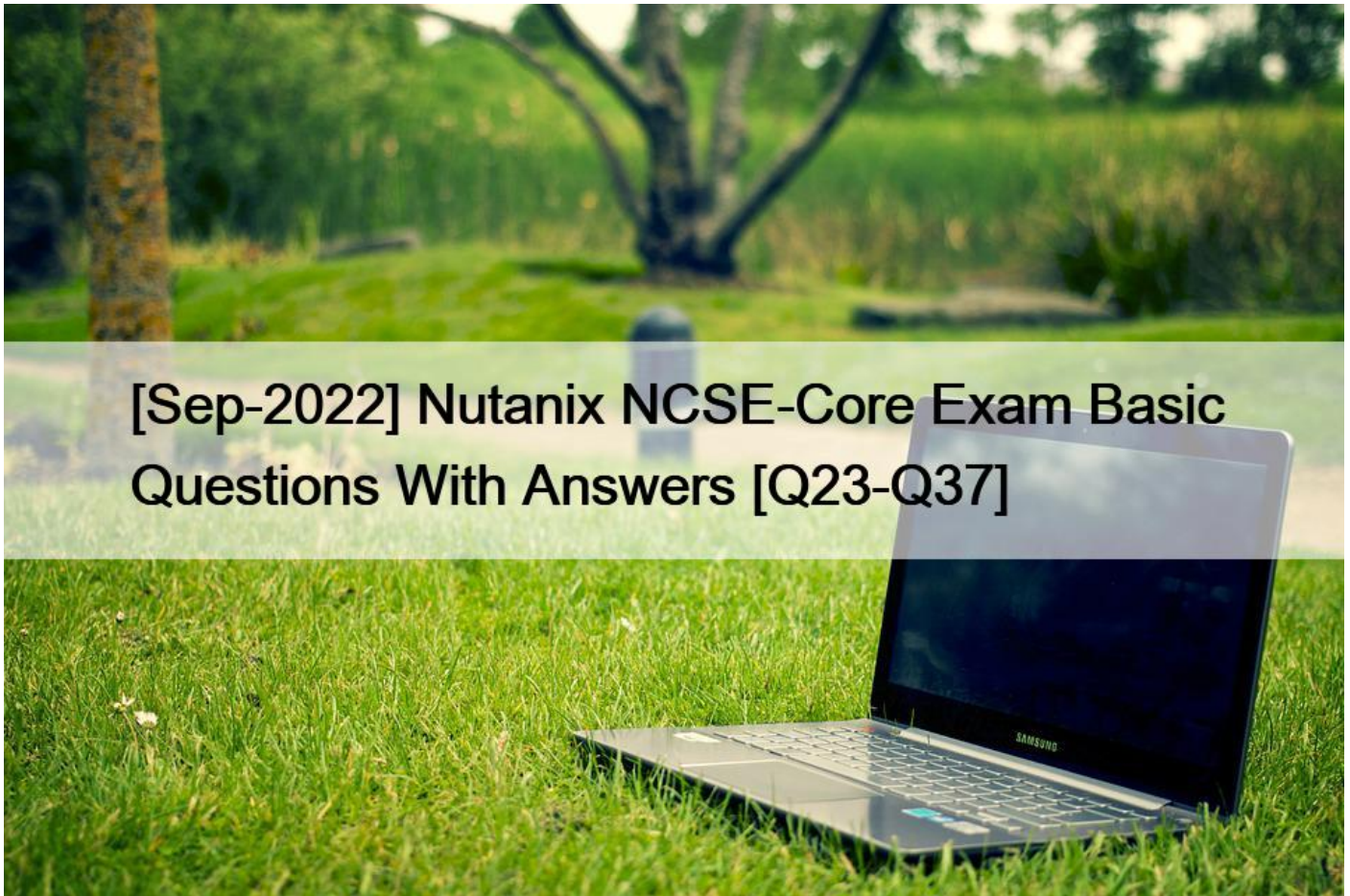


[Sep-2022 Nutanix NCSE-Core Exam Basic Questions With Answers [Q23-Q37]



[Sep-2022] Nutanix NCSE-Core Exam: Basic Questions With Answers
New 2022 Realistic Free Nutanix NCSE-Core Exam Dump Questions and Answer

NO.23 A prospect provides the following details for sizing active working set based on their existing server virtualization environment:

Full backup reports:

January: 10TB

February: 11TB

March: 12TB

April: 13TB

May: 14TB

Average Read/Write Ratio – 75/25

When entering a Raw Input in Sizer, what should the SE use as the minimum amount of required SSD Storage?

- * 1.5TB
- * 3TB
- * 4.5TB
- * 6TB

NO.24 Compared to a 3-tier architecture, Which two benefits does Nutanix bring to an organization? (Choose two.)

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- * IT complexity with outdated infrastructure, processes, and skill sets in silos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

NO.25 Refer to Exhibit.

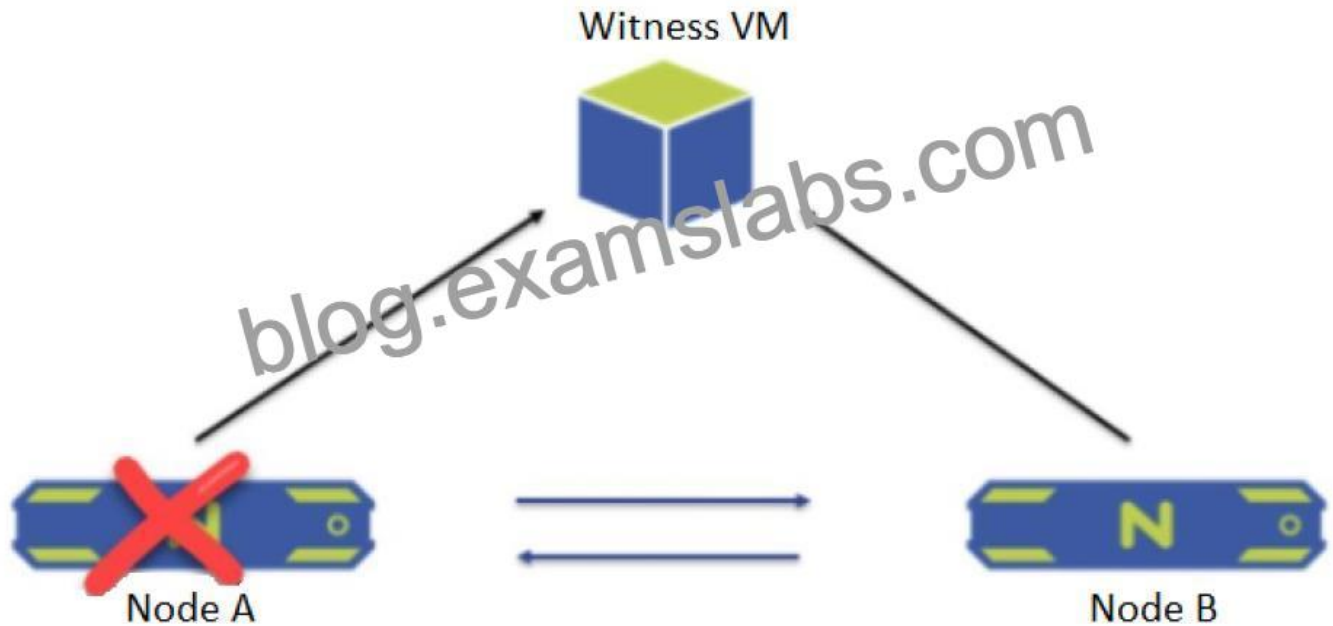
VM	PowerState	Template	CPUs	Memory GB	Provisioned MB	In Use MB	Datacenter	Cluster
srv01	Powered Off	TRUE	2	2	49403	40961	Primary DC	General
srv02	Powered On	FALSE	2	2	55439	18148	Primary DC	General
srv03	Powered On	FALSE	4	2	53385	34192	Primary DC	General
srv04	Powered On	FALSE	4	2	78000	64664	Primary DC	General
srv05	Powered On	FALSE	2	4	55427	55427	Primary DC	General
srv06	Powered On	FALSE	2	4	139667	108955	Primary DC	General
srv07	Powered On	FALSE	2	2	159913	159913	Primary DC	General
srv08	Powered On	FALSE	2	8	45205	45205	Primary DC	General
srv09	Powered Off	TRUE	8	8	67749	67749	Primary DC	General
srv10	Powered On	FALSE	4	8	119509	12700	Primary DC	General

Host	Datacenter	Cluster	# CPU	Cores Per CPU	Speed MHz	Memory GB
pdcesxi1	Primary DC	Prod	2	4	2399	128
pdcesxi2	Primary DC	Prod	2	4	2399	28

When entering a Raw Input workload into Sizer, what amount of RAM should be used for the entire workload?

- * 32GB
- * 42GB
- * 48GB
- * 64GB

NO.26 A two-node ROBO cluster is configured with a witness VM.



What happens when Node A goes down?

- * The- cluster becomes unavailable and goes into read-only mode.
- * All operations and services on the Node B are shut down and go into a waiting state.
- * The cluster is unaffected and no administrator intervention is required.
- * Node B sends a leadership request to the Witness VM and goes into single-node mode.

NO.27 A systems engineer is building a solution for a federal government prospect that requires. FIPS 140-2 Level 2 encryption for data at rest. Which two items are required to deliver a solution that meets the encryption standard? (Choose two)

- * Nutanix Software Encryption
- * Nutanix Prism Pro Licensing
- * A supported key Management Server
- * Self-Encrypting Drive

NO.28 Refer to the exhibit.

Exhibit is Missing

Based on the sizing scenario, what level of resiliency can be inferred about the configuration?

- * FTT1
- * N+0
- * N+1
- * N+2

NO.29 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?

- * Option A
- * Option B

- * Option C
- * Option D

NO.30 A prospect is evaluating vSphere alternatives and has received FUD regarding AHV. The SE gives a demo and provides relevant case studies, but the prospect still requests a POC.

What additional option should the SE recommend to avoid a POC?

- * Discounted Prism Pro
- * X-Ray
- * Nutanix Technology Bootcamp
- * Xtract for VMs

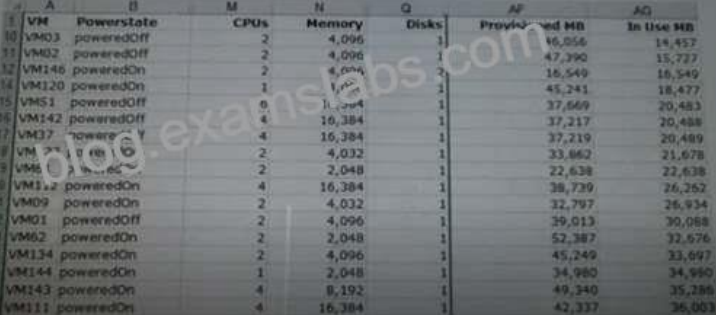
NO.31 A Nutanix customer needs to migrate 1000VMs from ACME Public Cloud to a local Nutanix cluster ACME Public Cloud operates on VMware ESXi, Hp ProLiant Servers with 3PAR storage. ACME Public Cloud denies customers access to vCenter or ESXi hosts But they do replicate a copy of the virtual disks to external storage.

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

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

NO.32 What information can be gathered about the configuration of the VM storage?

Refer to the exhibit.



VM	Powerstate	CPUs	Memory	Disks	Provisioned MB	In Use MB
10 VM03	poweredOff	2	4,096	1	16,056	15,457
11 VM02	poweredOff	2	4,096	1	47,390	15,737
12 VM146	poweredOn	2	4,096	2	16,549	16,549
14 VM120	poweredOn	1	1,024	1	45,241	18,477
15 VM51	poweredOff	6	1,024	1	37,669	20,483
16 VM142	poweredOff	4	16,384	1	37,217	20,488
17 VM37	poweredOff	4	16,384	1	37,219	20,489
18 VM7	poweredOff	2	4,032	1	33,862	21,678
19 VM6	poweredOff	2	2,048	1	22,638	22,638
20 VM122	poweredOn	4	16,384	1	38,739	26,262
21 VM09	poweredOn	2	4,032	1	32,797	26,934
22 VM01	poweredOff	2	4,096	1	39,013	30,088
23 VM62	poweredOn	2	2,048	1	52,387	32,676
24 VM134	poweredOn	2	4,096	1	45,249	33,697
25 VM144	poweredOn	1	2,048	1	34,980	34,980
26 VM143	poweredOn	4	8,192	1	49,340	35,286
27 VM111	poweredOn	4	16,384	1	42,337	36,003

- * Majority of VMs are Thin Provisioned
- * Storage capacity is a problem
- * VMs have many disks
- * Total disk usage is high

NO.33 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)

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

NO.34 Refer to the exhibit.

Using the Sizing Options shown, which two configurations are valid when using Sizer in Automatic mode?(Choose two.)

- * 6x NX-3060-G6 (6x 1920GB SSDs per node)
- * 4x NX-1065-G5 (3x 3840GB SSDs per node) + 4x NX-6035CG5(6x3840GB SSD per node)
- * 6x NX-8150-G5 (4x 1920GB SSD + 20x 2TB HDD per node)
- * 3x NX-3060-G5 (2x 1920GB SSD per node) + 3x NX-3055G (4x960GBSSD per node)
- * 6x NX-165S-G5 (3x 48GB SSD per node)

NO.35 A VDI environment based on AHV Cluster is not performing well. The current environment is using only one bridge (BridgeO). An administrator need to verify if nodes are using all network card associated to BridgeO. Which two menus should be used to check the current configuration? (Choose two.)

- * Host NICs tab in Hardware menu
- * Host view in Network menu
- * 1.0 Metrics tab VM menu
- * Network Configuration item in Setting menu

NO.36 An administrator has a VM that consumes large amounts of storage and has the following characteristics:

- * Create large / sequential writes
- * Data must be kept for years
- * Data is normally only accessed at the end of the year to run report

The administrator decides to use Erasure Coding to save space.

Which feature should the administrator utilize to save space for this VM?

- * Inline Compression
- * Flash Mode
- * Cache Dedup
- * Post-Process Compression

NO.37 A customer's database administrator is concerned about restoring data locality for their VMs after they migrate during an AHV upgrade.

which feature that addresses the issue should the systems engineer highlight?

- * All VM data is moved from the source to the destination node with the VM
- * AHV's built-in scheduler automatically restores data locality.
- * Mirroring the database on two VMs eliminates the need for data locality.
- * Shadow clones mitigate the need for data locality.

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