Vendor: Nutanix

Exam Code: NCSE-Core

Exam Name: Nutanix Certified Systems Engineer Core

Version: DEMO

QUESTION 1
In which scenario should shadow clones be explicitly disabled?

A. when deploying Horizon View virtual desktops
B. when deploying Splunk
C. when deploying an Oracle RAC database
D. when deploying Citrix virtual desktops

Answer: C

QUESTION 2
Oracle HCL for Certified Joint Support with Nutanix has Oracle Linux and Oracle VM via iSCSI listed.
What Nutanix feature is used by this certified configuration?

A. OSS
B. AFS
C. ACS
D. ABS

Answer: D

QUESTION 3
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: AE

QUESTION 4
Prospective customer explains their current infrastructure and upcoming goals. They are a fast-growing software company with approximately 3000 employees. Engineering accounts for approximately half of total staff and is behind on product releases. This department has been building their own infrastructure using available hardware, SaaS offerings, and public cloud. There's a new CIO attempting to gain control of existing and incoming information systems while supporting the agile environment responsible for their rapid innovation with a minimal staff. From this information, which two addressable pain points or gaps should be discerned?(Choose two)

A. System availability issues

B. SQL Server performance issues
C. ""Shadow IT"" that increases the risk of security breaches and brand damage
D. Slow response time from the infrastructure group (SLAs) that could result in product release delays
E. significantly degraded end user experience

Answer: AD

QUESTION 5
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?

A. 1.5TB
B. 3TB
C. 4.5TB
D. 6TB

Answer: B

QUESTION 6
Refer to the exhibit.

VM	PowerState	Template	CPUs	Memory GB	Provisioned MB	In Use MB	Datacenter	Cluster
vm01	Powered On	FALSE	2	2	49,403	40,961	Primary DC	General
vm02	Powered On	FALSE	2	2	55,439	18,148	Primary DC	General
vm03	Powered Off	TRUE	4	2	53,385	34,392	Primary DC	General
vm04	Powered Off	TRUE	4	2	78,010	64,664	Primary DC	General
vm05	Powered On	FALSE	2	4	55,427	55,427	Primary DC	General
vm06	Powered On	FALSE	2	4	1,39,667	1,08,955	Primary DC	General
vm07	Powered On	FALSE	2	2	1,59,913	1,59,913	Primary DC	General
vm08	Powered On	FALSE	2	8	45,205	45,205	Primary DC	General
vm09	Powered On	FALSE	8	8	67,749	67,749	Primary DC	General
vm10	Powered On	FALSE	4	8	1,19,509	12,700	Primary DC	General
		Total	32	80	8,23,707	6,08,114		
Host	Datacenter	Cluster	# CPU	Cores Per CPU	Speed MHz	Memory GB		
pdcesxi1	Primary DC	Prod	2	2	2399	64		
pdcesxi2	Primary DC	Prod	2	2	2399	64		

A prospect provides the data shown captured from their existing environment using RVTools. The prospect has additional historical CPU utilization data that indicates peak CPU utilization never exceeds 50% on either physical host.
Which vCPU:pCore ratio should be used in Sizer?

A. 2:1
B. 3:1
C. 4:1
D. 5:1

Answer: C

QUESTION 7
Refer to the exhibit.

vInfo	vCPU	vMemory	vDisks	vPartitions	vFloppy	vCD	vSnapshots	vCluster	vTools	vRP	vHost

Assuming a prospect is currently using Thick Provisioned virtual disk, at a minimum, which two tabs should be evaluated in an RVTools report to determine required resources for sizing? (Choose two.)

A. vInfo
B. vNetwork
C. vPartition
D. vCluster
E. vDisk

Answer: AC

QUESTION 8
AN SE determines that a POC is necessary to overcome competitive FUD in an opportunity with an Enterprise account evaluating several HCI solutions. The customer will evaluate three solutions in their datacenter simultaneously over the course of 4 days. The customer schedules all necessary personnel to be available during this time.
Which two network planning items should the SE determine prior to allocation hardware for the POC? (Choose two)

A. VLAN tags
B. CVM and hypervisor IP address
C. TOR switch redundancy configuration
D. Switch port type
E. Source and number of cables

Answer: DE

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