NCM-5.15^{Q&As}

Nutanix Certified Master - Multicloud Infrastructure (NCM-MCI) 5.15

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QUESTION 1

An administrator has two clusters: Site A and Site B. Async DR is configured between the clusters as follows: Site A is the Primary Site Site B is the Secondary inactive Site, no VMs running Site A is fully in Production Site B used as Backup/Disaster Recovery

The customer wants to perform a planned failover between the sites. How should the administrator accomplish this?

A. Click Activate on the Secondary site within the Data Protection Dashboard

B. Click Activate on the Secondary site and run deactive NCLI command on Primary site

C. Choose Migrate on the Secondary site within the Data Protection Dashboard

D. Choose Migrate on the Primary site within the Data Protection Dashboard

Correct Answer: D

Reference: https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v510:wcprotection-domain-failover-wc-t.html

QUESTION 2

An administrator of a Nutanix Enterprise Cloud has microsegmentation enabled and a firewall VM installed. The security team notifies the administrator that one of the VMs hosted in the environment has been exhibiting suspect network activity. The administrator wants to isolate the VM from the production network, but must still be able to access it to perform diagnostics.

What should the administrator do to meet the requirement?

A. Disable the vNIC on the affected VM

B. Quarantine the VM using the Forensic Method

C. Create a firewall rule that blocks VM traffic but permits diagnostic access

D. Create a security policy with a service chain directing that VMs traffic to the firewall

Correct Answer: B

QUESTION 3

An administrator needs to initiate a new VDI project within a couple of months. Prism Central reports there are no storage resources to accommodate such workloads.

The administrator sees many powered-off VMs and has the authority to delete test VMs powered off at least for 30 days. Test VMs belong to the Test category.

Using Prism Central, which steps are required to identify the correct VMs to be deleted?

A. Use Capacity Runway to filter by Test and Powered-off VMs

B. Filter VMs list, choose Test category and Inactive under Efficiency

C. Create a new Scenario selecting Test VMs. filter by uptime

D. Create a new Project selecting Test VMs, sorting by power state

Correct Answer: B

QUESTION 4

While creating an image placement policy on the organizations AOS 5.15-based Nutanix cluster, the administrator wants to ensure there are no restrictions on using the selected images on clusters outside of the identified set. What type of Policy Enforcement must the administrator choose?

A. Soft

B. Internal

C. Hard

D. External

Correct Answer: A

QUESTION 5

An administrator receives reports that VDI desktop performance in an 8-node Nutanix VDI environment is poor. Opening applications takes between 1 and 2 minutes. When investigating the issue, the following conditions are found:

Cluster memory utilization: 80%

Cluster SSD utilization: 70%

Average VM CPU Wait Time: 11%

CVM CPU utilization: 75%

Which action should be taken to improve VDI performance?

A. Increase the amount of SSD storage in the cluster.

B. Add memory to the nodes in the cluster.

C. Add CPU resources to the cluster.

D. Increase the number of vCPU cores allocated to the CVM.

Correct Answer: C

QUESTION 6

A customer with a four-node RF2 cluster is adding application VMs to their system. After adding these Vms, the Prism dashboard shows 81% storage utilization.

What is the consequence of running the cluster at 81% storage utilization?

A. The customer has the ability to add more VMs up to the 100% storage utilization.

B. There is available capacity in the storage fabric and the cluster is resilient.

C. Node failure is imminent due to storage utilization.

D. The cluster is not resilient in the storage fabric

Correct Answer: D

QUESTION 7

Refer to the exhibit.

An administrator configures Active Directory authentication as shown in the exhibit. Upon finishing setup, users are not able to log in. What configuration change should be made to fix this issue?

A. Change leaps to https

B. Change the Directory URL to use an IP rather than a name

C. Change the plct from 389 to 636

D. Change the Domain to use an IP rather than a name

Correct Answer: C

QUESTION 8

An administrator needs to deploy an application with a large amount of data connected via Nutanix Volumes.

Which two actions should the administrator take when designing the Volume Group? (Choose two.)

A. Use multiple subnets for iSCSI traffic

B. Enable RSS (Receive Side Scaling)

C. Enable thick provisioning on the Volume Group(s)

D. Distribute workload across multiple virtual disks

Correct Answer: BD

QUESTION 9

An administrator is migrating 5MB shares from a third-party platform to Nutanix Files with the following characteristics: Shares contain user profile directories DFS-N will be used

How should the administrator create target shares for this migration?

A. Create multiple general purpose shares and distribute migrated data as evenly as possible.

B. Create multiple distributed shares and distribute migrated data as evenly as possible.

C. Create standard shares with multiple top-level directories and distribute migrated data.

D. Create distributed shares with multiple top-level directories and distribute migrated data.

Correct Answer: D

QUESTION 10

An administrator needs to replace an aging SAN and move to a hyper-converged infrastructure. The existing

environment consists of the following hosts that are connected to the SAN: 5xAIX hosts 3x Hyper-V hosts 9xESXi hosts 2x physical SQL Clusters (Windows Server 2012R2 hosts)

After deploying a Nutanix AHV cluster, which two actions should the administrator take to meet the requirements? (Choose two.)

A. Deploy Volumes to support the AIX and SQL workloads.

B. Migrate the ESXI workloads to AHV using Move.

C. Deploy Files to support the AIX hosts.

D. Migrate the ESXi and Hyper-V workloads using Move.

Correct Answer: AD

Reference: https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000Cr7GCAS

QUESTION 11

An administrator is supporting a business critical environment and deploys metro availability to achieve a zero data loss configuration. The two clusters are connected by a 1GbE connection. A new workload is going to be deployed to this cluster. This workload requires a sustained 150MB/s of write throughput and 20MB/s of read throughput.

Which change must be made to deploy the workload successfully on this cluster?

A. The bandwidth must be increased to support this workload.

B. The workload must be configured to read at greater than 12.5MB/s.

C. The replication frequency must be less than 60 minutes.

D. Zero data loss nearsync must be used to support this workload.

Correct Answer: A

QUESTION 12

A customer needs a DR solution designed around the following requirements: There are 8 ms of latency between Sites A and B The administrator needs the shortest RPO/RTO possible Application consistent snapshots are required Use of Nutanix VSS

Which Data Protection Method should be used?

A. Async

B. Metro Availability

C. Near Sync

D. Cloud Connect

Correct Answer: C

QUESTION 13

An administrator needs to make sure an RF2 cluster can survive a complete rack failure without negatively effecting workload performance. The current cluster configuration consists of the following:

30 nodes: distributed 10 nodes per rack across three 42U rack

Each nodes is configured with 40TB usable storage all flash (Cluster Total 1.2 PB Usable)

Current cluster utilization is 900TB storage

Which configuration changes should be made to make sure that the cluster meets the requirements?

A. Expanse the cluster by adding 3 additional nodes per rack, 9 nodes total.

B. Expanse the cluster by adding 2 additional nodes per rack, 6 nodes total.

C. Expanse the cluster by adding 9 nodes to a new 42U rack

D. Expanse the cluster by adding 8 nodes to a new 42U rack

Correct Answer: A

QUESTION 14

An administrator is planning to deploy a Nutanix cluster to support a few high-performance VMs. This deployment will have the following considerations: Individual VMs will likely generate network throughputs in the range of 90-100Mbps Due to the configuration of the VMs, it is unlikely that a node will host more than one or two of them at a time Individual VMs will communicate with only a few (one or two) remote hosts at a time Multicast will not be used in the environment The hosts are connected via two 1GbE network connections

How should the administrator configure the network bonds to meet this requirement while maintaining the simplest switch configuration?
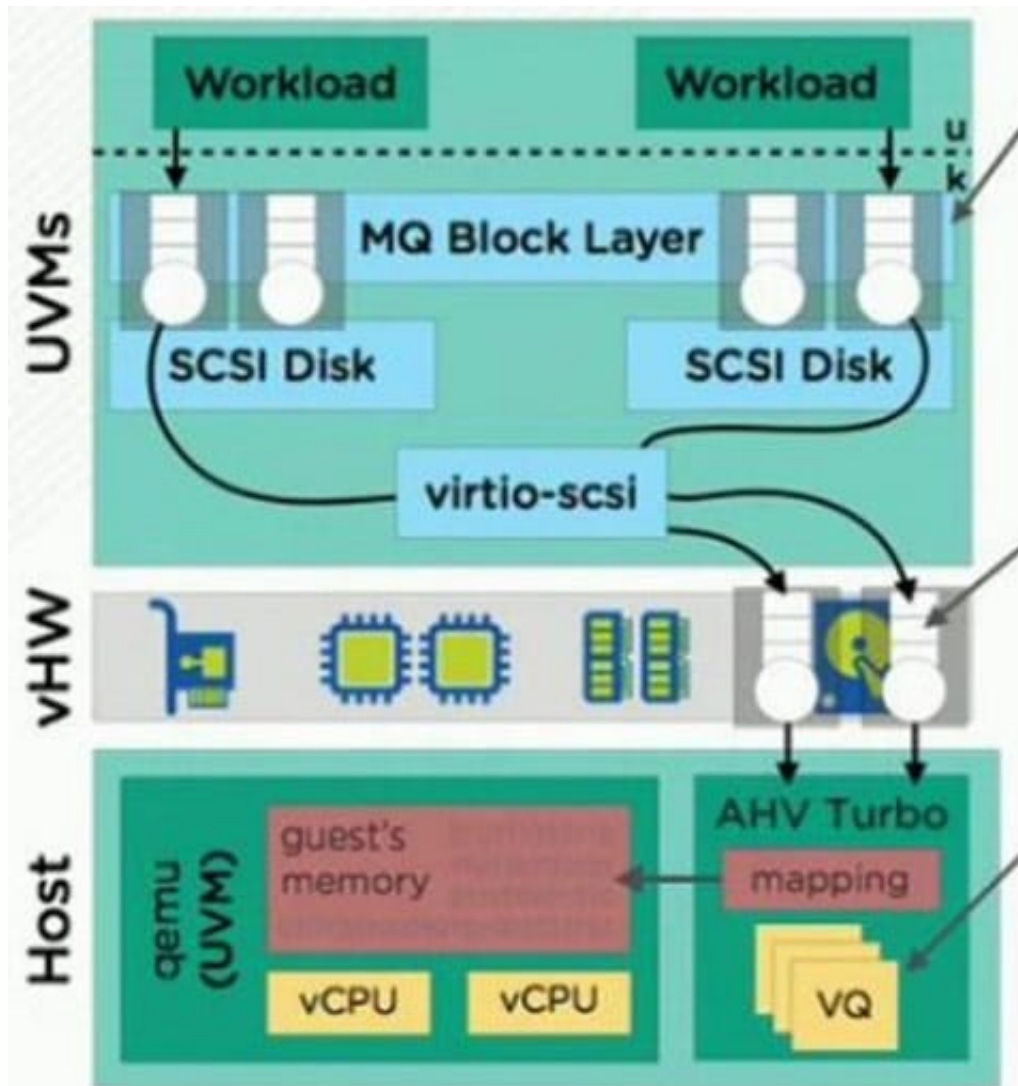
A. Configure bond0 as balance-sib

B. Configure bond0 as active-backup

C. Configure bond0 as balance-tcp

D. Configure bond0 as balance-lacp

Correct Answer: A

QUESTION 15

Refer to the exhibit.

An administrator has an existing cluster and needs to improve performance using AHV Turbo. Which two items are required to achieve even greater performance? (Choose two.)

A. Workloads are multi-threaded.

B. VMs have one vCPU configured.

C. VMs have multi-queue disabled.

D. VMs have more than one vCPU.

Correct Answer: AD