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QUESTION 1

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 VM

Correct Answer: B

Ref: <https://portal.nutanix.com/page/documents/kbs/details?targetId=kA00e000000LlElCAG>

Nutanix flow – Quarantine security policy

Quarantine policy in Nutanix flow is predefined and build into the product. You cannot modify it or change it or create a new quarantine policy.

Quarantine policy in Nutanix Flow has two methods:

- Forensic – VM cannot talk to anything in the network, except to the specific forensic tools configured in the policy
 - Strict – VM cannot talk to anything in the network
-

QUESTION 2

A consultant configures an ESXi cluster which will utilize a vSphere Distributed Switch (vDS). The consultant has just migrated the first host to the dvSwitch when several alerts appear within Prism Element regarding Host-to-CVM connectivity. What is causing these alerts?

- A. The consultant migrated the CVM Backplane and VM network adapter over to the vDS.
- B. The consultant migrated the CVM svm-iscsi-pg network adapter over to the vDS.
- C. The consultant migrated the CVM Backplane network adapter over to the vDS.
- D. VLAN tags are incorrectly configured on the vDS port groups.

Correct Answer: C

QUESTION 3

An administrator needs to maximize storage potential in a six-node cluster. The container is configured with the

following:

Post-process compression Capacity deduplication What should the administrator configure to increase space savings?

- A. Erasure coding
- B. Inline compression
- C. Reserve capacity
- D. Cache dedupe

Correct Answer: A

QUESTION 4

A consultant is planning an installation and needs to collect configuration items to be used during the install. The data needed from the customer are IP addresses, Gateway, DNS servers, and NTP Servers. Which Cluster Deployment document must be completed with the customer?

- A. Project Plan
- B. Operations Guide
- C. Questionnaire
- D. Technical Checklist

Correct Answer: D

QUESTION 5

Refer to the exhibit.

User	Quota	Enforcement
All Users	No quota limit	
fileslab\user1	5 GiB	Soft
All Users in "AAPM"	10 GiB	Hard

User 1 and User 2 belong to the AAPM group

What are two descriptions of how Files perform quota management? (Choose two.)

- A. User 2 can continue to add another 3GB file but will receive a daily notification email.
- B. User 1 can continue to add another 5GB file but will receive a daily notification email.
- C. User 1 can add an 8GB file to the share without receiving notification.
- D. User 2 can add an 8GB file without receiving a notification email.

Correct Answer: BD

Explanation: Ref: https://portal.nutanix.com/page/documents/details?targetId=Files-v3_6:file-server-quotas-c.html#concept_amp_xsm_bx

QUESTION 6

During the Knowledge Transfer, the customer asks where to find the details about their Nutanix environment, such as IP addresses, storage containers, and configuration.

Where can the consultant find this information?

- A. Support Portal
- B. As-Built Guide
- C. Test Plan
- D. Tech Checklist

Correct Answer: B

QUESTION 7

A consultant is setting up a new Hyper-V cluster. The customer requirements are as follows:

*

VMs should automatically failover to another host if the host crashes

*

Host CPU and Memory resources should be evenly balanced

*

New VMs should be placed on the host with the most resources available Which two Hyper-V features can be used to meet the requirements? (Choose two.)

- A.
Performance Resource Optimization
- B.

Failover Clustering

C.

High Availability

D.

Distributed Resource Scheduler

Correct Answer: AB

QUESTION 8

An administrator is deploying a new application to a Nutanix Enterprise Cloud. The application requires a security to prevent unauthorized access. The application also uses many non-standard ports that are unique to it. Security should not be changed for existing applications.

What should the administrator do to meet these requirement?

- A. Use existing categories for the VMs. and create new security policies to use the existing categories.
- B. Use existing categories for the VMs and modify existing security policies to include the specific port.
- C. Create new categories for the VMs, and create new security policies that include the new categories.
- D. Create new categories for the VMs, and modify existing security policies to include the new categories.

Correct Answer: C

QUESTION 9

An administrator is monitoring the Nutanix v5.15-based AOS cluster performance logs and notices that a SQL server VM is greatly exceeding its intended maximum IOPS. The administrator has confirmed that a QoS policy was previously created for the group of VMs this server is a member of.

What are two reasons that this VM would exceed its maximum configured IOPS from the QoS Policy? (Choose two.)

- A. The VM is missing the required snapshot needed to implement the QoS Policy.
- B. The VM was not created as an AFS virtual machine.
- C. The SQL Server VM has volume groups attached.
- D. It was cloned from another SQL Server VM that was a member of the QoS Policy.

Correct Answer: BC

Explanation: Ref: https://portal.nutanix.com/page/documents/details?targetId=Prism-Central-Guide-Prism-v5_18:mul-storage-qos-pc-c.html

QUESTION 10

A customer wants to use NIC teaming on an ESXi host using a vSphere Standard Switch configured with the Route based on physical NIC load load balancing option. The customer does not see the option when editing the Teaming and Failover settings for the switch.

How should the consultant resolve this issue?

- A. Change the load balancing option on the switch.
- B. Add a vSphere Distributed Switch
- C. Add another physical NIC to the team.
- D. Install a vCenter server to manage the switch

Correct Answer: B

QUESTION 11

A consultant creates an AHV cluster and connects the Intel X550T NICs to the top of rack switch using Twinax cables. The activity and link lights are green. The cluster cannot communicate over the 10GbE link. What is the first command the consultant should perform to troubleshoot the issue?

- A. `manage_ovs show_bridges`
- B. `manage_ovs show_interfaces`
- C. `manage_ovs update_uplinks`
- D. `manage_ovs show_uplinks`

Correct Answer: A

QUESTION 12

A new Nutanix cluster is ready for production on a remote site with no IT staff. Changes to the infrastructure will cost money and probably cause a cluster stop. The administrator needs to perform a health check on the environment that should include:

Network connectivity checks Networkperformance status Storage performance status

Which tool should be used to perform this test?

- A. X-Ray
- B. `clurator_cli`
- C. NCC
- D. `diagnostic.py`

Correct Answer: C

QUESTION 13

A three-node cluster has a Nutanix Files instance with three FSVMs. What happens after a node failure?

- A. The affected FSVM will get live-migrated to another node.
- B. The affected FSVM will not be restarted on another node due to its agent VM setting.
- C. The affected FSVM will not be restarted on another node due to its VM-to-VM anti-affinity settings.
- D. The affected FSVM will be restarted on another node.

Correct Answer: D

Explanation: Ref: https://portal.nutanix.com/page/documents/details?targetId=Files-v3_6:fil-files-high-availability-c.html

HIGH AVAILABILITY

Fail over for file server VMs (FSVMs).

High Availability (HA) for Files insures that during a disruption of service a file server VM (FSVMs), on clusters of two or more FSVMs, can fail over to another FSVM. High Availability is enabled by default on all clusters of two or more FSVMs.

When an FSVM experiences an issue, Files reassigns the IP of the FSVM to another FSVM in the cluster. The IP of the out-of-service FSVM remains available. However, the shares and exports on the impacted FSVM are unavailable for several minutes during a failover.

Affinity rules do not affect HA; multiple FSVMs can share a single host during a HA event.

QUESTION 14

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

Explanation: Ref: https://portal.nutanix.com/page/documents/details/?targetId=Files-v3_6:Files-v3_6

QUESTION 15

A Nutanix cluster is deployed with the following configuration:

Three four-node blocks (A, B, and C)

All Flash Redundancy Factor 2

What is the effect of simultaneous disk failures on two nodes located in block A?

- A. VMs are migrated off of the nodes with disk failures.
- B. Each node with a failed disk is marked as degraded.
- C. VM read and write operations continue normally.
- D. VMs on the nodes with failed disks are unable to write data

Correct Answer: C

Explanation: Ref:<https://next.nutanix.com/how-it-works-22/redundancy-factor-vs-replication-factor-37486>

Dual Disk Failures :

with Replication Factor = 2, we have two copies of each data block. **Also, with a 4TB Disk which is only 1TB utilised, we will have 1TB worth of blocks/data across the cluster (shorter rebuild times as we factor in the capacity utilised)**- plus with AOS proactive disk alerting, so, unless two disks are pulled at the same time, this can be a very rare occurrence of two drives failing at the same time.

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