



Free Questions for NCP-US by certscare

Shared by Hurley on 09-08-2024

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Question 1

Question Type: MultipleChoice

While preparing for migrating data from a legacy storage environment to a new Files scale-out file server, the administrator make the following notes:

Requirements:

Number of home directories: 4000

Number of Departmental shares: 1

Everyone is permitted to accessing it

All users use the same Departmental share

The administrator deploys Files using the following configuration:

Number of FSVMs: 3

VCPU & RAM/FSVM: 4VCPU,12GB

One Distributed share with SSR & ABE enabled for the Home Directories

One Standard share for the Departmental share

Does this configuration satisfy the project's requirements?

Options:

- A) No, the project needs two distributed Share 4 FSVMs. 6 vCPU & 326B RAM
- B) Yes, the listed configuration elements satisfy the requirements.
- C) No, the project needs two distributed 4 FSVMs, 24 vcpu & 128GB RAM
- D) No, the project needs 4 FSVMs 4 vCPU & 12GB RAM.

Answer:

B

Explanation:

According to the scenario, the administrator is preparing to migrate data from a legacy storage environment to a new Files scale-out file server in a way that meets the following requirements:

Number of home directories: 4000

Number of Departmental shares: 1

Everyone is permitted to access it

All users use the same Departmental share

The administrator deploys Files using the following configuration:

Number of FSVMs: 3

VCPU & RAM/FSVM: 4VCPU, 12GB

One Distributed share with SSR & ABE enabled for the Home Directories

One Standard share for the Departmental share

Based on this configuration, it appears that the project's requirements are satisfied. The configuration provides a Distributed share for the home directories, which is recommended when there is a large number of files or directories, and this will distribute the load across multiple FSVMs. Note that everyone is permitted to access it.

In addition, the configuration provides a Standard share for the Departmental share, and since all users use the same Departmental share, this will not create any performance issues. Therefore, the correct answer is B, 'Yes, the listed configuration elements satisfy the requirements'.

Question 2

Question Type: MultipleChoice

What is the reason for the alert: File Server In Heterogeneous State?

Options:

- A) The FSVMs are distributed properly on the hosts in the cluster.
- B) Performance of the File Server is optimal, and the alert can be ignored.
- C) The FSVMs do not match in their CPU or memory
- D) The hosts where the FSVMs run do not match in their CPU or memory configuration

Answer:

C

Explanation:

According to the [Nutanix Files Solution Guide](#)¹, all the FSVMs have the same basic configuration: four vCPU and 12 GB of RAM¹. However, you can add more vCPU, RAM, and FSVMs to the cluster¹.

Based on this information, the alert: [File Server In Heterogeneous State](#) indicates that the FSVMs do not match in their CPU or memory configuration¹. This could affect the performance and availability of the file server

Question 3

Question Type: MultipleChoice

A company has a number of thin clients which need to boot over the network. The company is using Volumes for this project.

Which component is needed to meet this requirement? (Choose two.)

Options:

- A) A compatible Ethernet adapter per client
- B) VM-attached VG with client iSCSI Initiator.
- C) A DHCP server pointing to the Nutanix cluster.
- D) A client with MPIO access to the VG

Answer:

A, C

Explanation:

According to the [Boot Over iSCSI article](#)¹, to boot an operating system over iSCSI for physical servers using Nutanix Volumes, you need to configure the network adapter BIOS settings to enable this feature¹. You also need a DHCP server pointing to the Nutanix cluster that provides the iSCSI LUN¹.

Based on this information, the components that are needed to meet this requirement are A. A compatible Ethernet adapter per client and C. A DHCP server pointing to the Nutanix cluster.

Question 4

Question Type: MultipleChoice

A corporate compliance team has asked an administrator to stop using default passwords in the environment. The administrator needs to update the password used on the FSVM.

In which order should the administrator change the FSVM's default password?

Task Step

Step 1

Step 2

step 3

Step 4

Select

Log onto a file server VM via SSH

Change the password

Respond to the prompts, providing the current and new Nutanix user password

Repeat the steps on the remaining FSVMs

A company decided to switch their existing Windows file server to a new Files instance. After successfully deploying Files, an administrator now needs to plan to reduce the impact of any potential outage. As the source file server resides across the WAN from the destination file server over an unreliable network connection.

The administrator needs to ensure there is minimal impact to data already copied, should a network outage occur.

How should the administrator meet this requirement?

Options:

- A) use Microsoft DFS-R to replicate the files.
- B) use a method allowing files to be copied in restartable mode.
- C) use rsync in incremental copy mode.
- D) Check where the data copy failed and restart from that location.

Answer:

B

Explanation:

Task Step Step 1 Step 2 step 3 Step 4 Select Log onto a file server VM via SSH Change the password Respond to the prompts, providing the current and new Nutanix user password Repeat the steps on the remaining FSVMs

Question 5

Question Type: MultipleChoice

Which feature ensures that a host failure's impact on a Files cluster will be minimal?

Options:

- A) VM-VM anti-affinity rules
- B) VM-VM affinity rules
- C) VM-Host anti-affinity rules
- D) VM-Host affinity rules

Answer:

C

Explanation:

These rules ensure that VMs are distributed across different hosts in a cluster, so that if one host fails, the impact on the VMs and their data will be minimal¹. Nutanix Files also supports DFS-N (Distributed File System - Namespaces), which allows multiple file servers hosting the same data to support a common folder and provide site affinity for users².

Question 6

Question Type: MultipleChoice

An administrator has deployed an SMB v3 Files cluster, but needs to make the cluster able to support Multi-protocol access,

Which protocol will be native?

Options:

- A)** NFS
- B)** S3
- C)** SMB

D) cifs

Answer:

C

Explanation:

According to the [Nutanix Files SMB Migration Guide](#)¹, Nutanix Files supports SMB protocol V2 and V31. SMB is a native protocol for Nutanix Files that allows file sharing between Windows clients and servers¹.

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