

# NCP-US<sup>Q&As</sup>

Nutanix Certified Professional – Unified Storage (NCP-US) v6 exam

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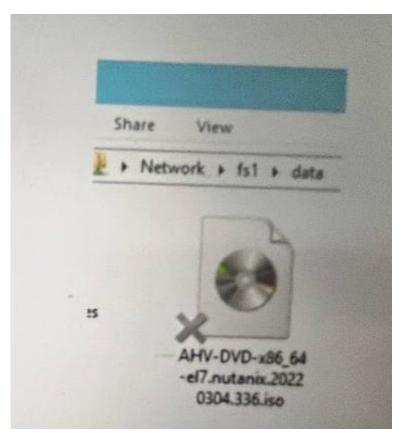
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## **QUESTION 1**

Refer to the exhibit.



What does the `\\'X\\"\\' represent on the icon?

- A. Share Disconnected File
- B. Corrupt ISO
- C. Distributed shared file
- D. Tiered File

Correct Answer: C

The "X" on the icon represents a distributed shared file, which is a file that belongs to a distributed share or export. A distributed share or export is a type of SMB share or NFS export that distributes the hosting of top-level directories across multiple FSVMs. The "X" indicates that the file is not hosted by the current FSVM, but by another FSVM in the cluster. The "X" also helps to identify which files are eligible for migration when using the Nutanix Files Migration Tool. References: Nutanix Files Administration Guide, page 34; Nutanix Files Migration Tool User Guide, page 10

## **QUESTION 2**

An administrator is able to review and modify objects in a registered ESXI cluster from a PE instance, but when the administrator attempts to deploy an Objects cluster to the same ESXi cluster, the error that is shown in the exhibit is



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shown. What is the appropriate configuration to verify to allow successful Objects cluster deployment to this ESXi cluster?

- A. Ensure that vCenter in PE cluster is registered using FQDN and that vCenter details in Objects UI are using FQDN.
- B. Replace the expired self-signed SSL certificate for the Object Store with a non-expired \\' signed by a valid Certificate Authority.
- C. Replace the expired self-signed SSL certificate for the Object Store with a non-expired self signed SSL certificate.
- D. Ensure that vCenter in PE cluster is registered using FQDN and that vCenter details in Objects UI are using IP address.

Correct Answer: A

Explanation: The appropriate configuration to verify to allow successful Objects cluster deployment to this ESXi cluster is to ensure that vCenter in PE cluster is registered using FQDN (Fully Qualified Domain Name) and that vCenter details in Objects UI are using FQDN. FQDN is a domain name that specifies the exact location of a host in the domain hierarchy. For example, esxi01.nutanix.com is an FQDN for an ESXi host. Using FQDN instead of IP addresses can avoid certificate validation errors when deploying Objects clusters to ESXi clusters. References: Nutanix Objects User Guide, page 9; Nutanix Objects Troubleshooting Guide, page 5

#### **QUESTION 3**

An administrator has performed an upgrade to Files. After upgrading, the file server cannot reach the given domain name with the specified DNS server list.

Which two steps should the administrator perform to resolve the connectivity issues with the domain controller servers? (Choose two.)

- A. Verify the DNS settings in Prism Element.
- B. DNS entries for the given domain name.
- C. Verify the DNS settings in Prism Central.
- D. DNS server addresses of the domain controllers.

Correct Answer: AB

Explanation: The two steps that the administrator should perform to resolve the connectivity issues with the domain controller servers are:

Verify the DNS settings in Prism Element: DNS (Domain Name System) is a system that translates domain names into IP addresses. DNS settings are configurations that specify which DNS servers to use for resolving domain names.

Verifying the DNS settings in Prism Element is a step that the administrator should perform, because it can help identify and correct any incorrect or outdated DNS server addresses or domain names that may cause connectivity issues with

the domain controller servers.

Verify the DNS entries for the given domain name: DNS entries are records that map domain names to IP addresses or other information. Verifying the DNS entries for the given domain name is another step that the administrator should

perform, because it can help check and update any incorrect or outdated IP addresses or other information that may



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cause connectivity issues with the domain controller servers. References: Nutanix Files Administration Guide, page 32;

Nutanix Files Troubleshooting Guide

#### **QUESTION 4**

An administrator has discovered that File server services are down on a cluster.

Which service should the administrator investigation for this issue?

- A. Minerva-nvm
- B. Sys\_stats\_server
- C. Cassandra
- D. Insights\_collector

Correct Answer: A

Explanation: The service that the administrator should investigate for this issue is Minerva-nvm. Minerva-nvm is a service that runs on each CVM and provides communication between Prism Central and Files services. Minerva-nvm also monitors the health of Files services and reports any failures or alerts to Prism Central. If Minerva-nvm is down on any CVM, it can affect the availability and functionality of Files services on that cluster. References: Nutanix Files Administration Guide, page 23; Nutanix Files Troubleshooting Guide

### **QUESTION 5**

What best describes the data protection illustrated in the exhibit?

- A. Smart DR
- B. Metro Availability
- C. Availability Zones
- D. NearSync

Correct Answer: A

Explanation: The data protection illustrated in the exhibit is Smart DR. Smart DR is a feature that allows share-level replication between active file server instances for disaster recovery. Smart DR can replicate shares from a primary FSI to one or more recovery FSIs on different clusters or sites. Smart DR can also perform failover and failback operations in case of a disaster or planned maintenance. The exhibit shows a Smart DR configuration with one primary FSI and two recovery FSIs. References: Nutanix Files Administration Guide, page 79; Nutanix Files Solution Guide, page 9

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