



**Free Questions for NS0-004 by certsdeals**

**Shared by Fuller on 22-07-2024**

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# Question 1

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**Question Type:** MultipleChoice

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A customer is considering NetApp BlueXP backup and recovery. They want the ability to restore entire logical sets of data and to drill down and restore from a more granular level of their file system.

Which two restore capabilities does BlueXP backup and recovery provide to meet these restore demands? (Choose two.)

## Options:

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- A- object
- B- file
- C- aggregate
- D- SVM
- E- volume

## Answer:

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B, E

## Explanation:

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BlueXP backup and recovery enables you to perform volume, file, and folder-level restore operations from the cloud or on-premises object store. You can restore entire volumes or specific files or folders from any backup file. You can also use the catalog search feature to find and restore files based on a query. [Reference=Learn about BlueXP backup and recovery](#), [BlueXP backup and recovery APIs](#), [\[Restore data from the cloud\]](#)

## Question 2

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**Question Type:** MultipleChoice

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Which NetApp web-based data management tool enables a customer to provision storage systems and perform common management tasks?

### Options:

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- A- ONTAP System Manager
- B- BlueXP observability
- C- BlueXP classification
- D- Active IQ

**Answer:**

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A

**Explanation:**

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ONTAP System Manager is a web-based data management tool that enables customers to provision storage systems and perform common management tasks. ONTAP System Manager provides a simple, intuitive, and centralized interface for managing ONTAP clusters, volumes, LUNs, SVMs, and more. ONTAP System Manager simplifies storage management by automating complex workflows, providing best practices, and offering guided setup and configuration wizards. Reference=ONTAP System Manager overview,ONTAP Data Management Software

## Question 3

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**Question Type: MultipleChoice**

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A company wants to protect the files on their NetApp ONTAP based storage system from ransomware using an external process. If an attack is detected, a Snapshot copy is created, and the Microsoft Active Directory (AD) user access is blocked.

Which ONTAP feature enables this functionality?

### Options:

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- A- TLS
- B- Vscan
- C- IPsec
- D- FPolicy

### Answer:

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D

### Explanation:

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FPolicy is an ONTAP feature that enables this functionality. FPolicy is a file access notification framework that allows external applications to monitor and control file access on ONTAP storage systems<sup>1</sup>. FPolicy can be used to protect files from ransomware by integrating with third-party solutions that use user behavioral analytics (UBA) to detect abnormal activity and trigger actions such as creating a Snapshot copy and blocking the AD user access<sup>2,3</sup>. FPolicy can also be activated with a single click from BlueXP or ONTAP System Manager to protect against common ransomware extensions<sup>4</sup>. Reference=1:FPolicy overview - NetApp,2:Prevent ransomware spread with ONTAP automatic ransomware protection,3:Fighting Ransomware, Part Six: Remediation,4:Proactive ransomware protection---automated with ONTAP - NetApp.

## Question 4

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**Question Type:** MultipleChoice

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Which technology uses on-premises bare-metal hardware to abstract the operating system from the underlying hardware?

### Options:

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- A- hyperscaler
- B- hypervisor
- C- container
- D- supervisor

### Answer:

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B

### Explanation:

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A hypervisor is a software layer that enables multiple operating systems to run on the same physical hardware by creating virtual machines (VMs) that are isolated from each other. A hypervisor abstracts the operating system from the underlying hardware, allowing for greater flexibility, efficiency, and scalability of the virtualized environment. NetApp supports several hypervisor platforms, such as VMware ESXi, KVM, and Hyper-V, and provides storage solutions that integrate with them. Reference=Storage virtualization

## Question 5

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**Question Type:** MultipleChoice

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A customer wants to move file storage to a public cloud and manage their own storage solution. Which offering should be recommended to this customer?

**Options:**

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- A- NetApp Cloud Volumes Service
- B- NetApp Cloud Volumes ONTAP
- C- Amazon FSx for NetApp ONTAP
- D- NetApp BlueXP edge caching

**Answer:**

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B

## Explanation:

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NetApp Cloud Volumes ONTAP is a cloud-native storage solution that allows customers to deploy and manage NetApp hybrid, multi-cloud storage and data services from on-premises sources and cloud service providers. It provides enterprise-grade data and file services, such as NFS, SMB/CIFS, iSCSI and S3, on AWS, Azure, and Google Cloud. It also offers high availability, data protection, storage efficiency, and cost-performance optimization features. It is suitable for customers who want to have more control and flexibility over their cloud storage solution, while leveraging NetApp's technology and expertise. Reference=Cloud Volumes ONTAP: Deploy Storage in the Public Cloud - NetApp, NetApp Customer Experience | NetApp, NetApp storage systems overview.

## Question 6

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### Question Type: MultipleChoice

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A customer has a NetApp AFF system with a large portion of space that is used by inactive data.

a. The customer wants to free up space for more active data on the system and still be able to access inactive data.

Which NetApp product should this customer use to free up space in a cost-effective way?

## Options:

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- A- BlueXP tiering
- B- Cloud Volumes ONTAP
- C- BlueXP backup and recovery
- D- BlueXP edge caching

**Answer:**

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A

**Explanation:**

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= BlueXP tiering is a service that extends your data center to the cloud by automatically tiering inactive data from on-premises ONTAP clusters to object storage. This frees valuable space on the cluster for more workloads, without making changes to the application layer. BlueXP tiering can reduce costs in your data center and enables you to switch from a CAPEX model to an OPEX model. BlueXP tiering leverages the capabilities of FabricPool, which is a NetApp Data Fabric technology that enables automated tiering of data to low-cost object storage. Active (hot) data remains on the local tier (on-premises ONTAP aggregates), while inactive (cold) data is moved to the cloud tier --- all while preserving ONTAP data efficiencies. Reference=[Learn about BlueXP tiering, Cloud Tiering: Free up Space on On-Premises Storage Systems](#)

## Question 7

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**Question Type: MultipleChoice**

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A database administrator needs 30 writeable copies of a database that will not take additional space when created.

Which NetApp ONTAP feature meets this requirement?

**Options:**

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- A- FlexCache
- B- FlexClone
- C- SnapLock
- D- SnapVault

**Answer:**

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B

**Explanation:**

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FlexClone is an ONTAP feature that allows you to instantly create writable virtual copies of data volumes, files, and LUNs, which do not consume storage space. A FlexClone volume, file, or LUN is a writable point-in-time image of the FlexVol volume or another FlexClone volume, file, or LUN. FlexClone is based on Snapshot technology, which captures a read-only image of a volume at a given point in time. FlexClone is perfect for DevOps and test environments, where multiple copies of a database are needed for testing or development

## Question 8

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**Question Type:** MultipleChoice

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A user at a company drags a folder with critical data to another location by mistake, and users can no longer access it. The storage administrator cannot restore the last Snapshot copy, because critical file changes will be lost.

Which NetApp cloud data service can the administrator use to identify the folder move activity?

### Options:

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- A- Cloud Insights Storage Workload Security
- B- Active IQ digital advisor
- C- ONTAP System Manager
- D- Active IQ Unified Manager

### Answer:

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C

**Explanation:**

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ONTAP System Manager is a NetApp cloud data service that enables you to manage directories and files on your storage systems. You can use System Manager to view and delete directories and files, as well as restore them from Snapshot copies. System Manager also provides a graphical interface to monitor the performance and capacity of your storage systems. With System Manager, you can identify the folder move activity by browsing the directories and files on your source and destination volumes, and comparing them with the Snapshot copies. Reference=Manage directories and files - NetApp,Ways to monitor Azure NetApp Files | Microsoft Learn.

## Question 9

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**Question Type:** MultipleChoice

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What owns the file system while provisioning NAS?

**Options:**

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**A-** volume

**B-** LUN

**C-** ONTAP software

**D-** host

**Answer:**

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C

**Explanation:**

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ONTAP software is the data management software that runs on NetApp storage systems and provides the NAS functionality. ONTAP software owns the file system while provisioning NAS and handles the communication with the clients using NFS or SMB protocols. ONTAP software also provides features such as data protection, efficiency, security, and performance for NAS workloads. Reference=NetApp ONTAP, Provision NAS storage for both Windows and Linux using both NFS and SMB

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