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**Shared by Whitney on 12-12-2023**

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# Question 1

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**Question Type:** MultipleChoice

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Your customer asks you to create a Storage VM that provides NFS access.

In this scenario, which type of Storage VM needs to be created?

**Options:**

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- A- system Storage VM
- B- node Storage VM
- C- admin Storage VM
- D- data Storage VM

**Answer:**

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D

**Explanation:**

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A data Storage VM (SVM) is a type of SVM that needs to be created to provide NFS access. A data SVM is a logical entity that provides data access to clients using protocols such as NFS, SMB, iSCSI, or FC.

## Question 2

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**Question Type:** MultipleChoice

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What are two types of NetApp StorageGRID appliances? (Choose two.)

### Options:

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- A- backup appliances
- B- management appliances
- C- storage appliances
- D- services appliances

### Answer:

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B, C

### **Explanation:**

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Management appliances and storage appliances are two types of NetApp StorageGRID appliances. Management appliances host the Grid Manager and Tenant Manager interfaces and perform administrative tasks for StorageGRID. Storage appliances provide storage capacity and data services for StorageGRID.

## **Question 3**

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### **Question Type: MultipleChoice**

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You want to have automatic tiering of all data blocks from a SnapMirror destination volume to an Amazon S3 bucket for both Cloud Volumes ONTAP and on-premises ONTAP systems.

In this scenario, which NetApp ONTAP features satisfies this requirement?

### **Options:**

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**A-** Cloud Sync

**B-** FabricPool technology

C- ONTAPS3

D- FlexCache software

**Answer:**

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B

**Explanation:**

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FabricPool technology is an ONTAP feature that enables hybrid storage solution by using an all-flash (SSD) aggregate as a performance tier and an object store in a public cloud service as a cloud tier. It allows you to have automatic tiering of all data blocks from a SnapMirror destination volume to an Amazon S3 bucket for both Cloud Volumes ONTAP and on-premises ONTAP systems.

## Question 4

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**Question Type: MultipleChoice**

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Which two software-based encryption types does NetApp ONTAP software support? (Choose two.)

### Options:

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- A- NetApp Storage Encryption (NSE)
- B- NetApp Aggregate Encryption (NAE)
- C- Self Encrypting Drive (SED)
- D- NetApp Volume Encryption (NVE)

### Answer:

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B, D

### Explanation:

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NetApp Aggregate Encryption (NAE) and NetApp Volume Encryption (NVE) are two software-based encryption types that ONTAP software supports. NAE encrypts all volumes in an aggregate using a single key per aggregate. NVE encrypts individual volumes using a unique key per volume.

## Question 5

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**Question Type:** MultipleChoice

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What are two reasons for using containers? (Choose two.)

**Options:**

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- A- to minimize resource overhead
- B- to deploy microservices as building blocks to distributed applications
- C- to deploy virtual machines to multiple different hardware platforms
- D- to deploy independent system kernels to unified applications

**Answer:**

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A, B

**Explanation:**

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Two reasons for using containers are to minimize resource overhead and to deploy microservices as building blocks to distributed applications. Containers minimize resource overhead because they share the kernel of the host operating system and do not require a full operating system for each application or service. Containers enable microservices architecture by allowing developers to create modular and independent components that can communicate with each other through APIs.

## Question 6

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**Question Type:** MultipleChoice

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In which two scenarios would NetApp Cloud Backup be used to restore files? (Choose two.)

### Options:

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- A- when using an E-Series solution on-premises
- B- if a volume in a different working environment is in a different account
- C- when a volume in a different working environment is in the same account
- D- if a volume is in the same working environment

### Answer:

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C, D

### Explanation:

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NetApp Cloud Backup is a cloud data service that provides backup and restore capabilities for Cloud Volumes ONTAP data. You can use Cloud Backup to restore files from a backup of a volume in the same working environment or in a different working environment that



is in the same account.

## Question 7

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**Question Type:** MultipleChoice

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Which software references NetApp ONTAP Snapshot metadata to create writable, point-in-time copies of a volume?

### Options:

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

### Answer:

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B

### Explanation:

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FlexClone is an ONTAP feature that allows you to create writable, point-in-time copies of a volume, file, or LUN. FlexClone uses Snapshot metadata to reference the original data blocks and only consumes additional space when changes are made to the clone.

## Question 8

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**Question Type:** MultipleChoice

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What are two advantages of using containers? (Choose two.)

### Options:

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- A- Containers can be easily deployed using an ovf format
- B- Containers reduce networking complexity
- C- Containers include all necessary executables. binary code, libraries, and configuration files
- D- Containers are easily deployable

### Answer:

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C, D

## Explanation:

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Containers are isolated environments that run applications and services without requiring a full operating system. Containers include all necessary executables, binary code, libraries, and configuration files to run the application or service. Containers are easily deployable because they can be created, started, stopped, and deleted quickly and consistently.

## Question 9

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### Question Type: MultipleChoice

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You are building a new application in Google Cloud that requires multi-protocol file access.

In this scenario, which solution would you use?

### Options:

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- A- Google Cloud Storage
- B- NetApp Astra
- C- NetApp Cloud Volumes Service

**D-** Google Cloud Spanner

**Answer:**

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C

**Explanation:**

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NetApp Cloud Volumes Service is a solution that provides fully managed file storage in Google Cloud with support for multiple protocols, such as NFS and SMB. It allows you to create high-performance and scalable volumes for your applications in Google Cloud.

## Question 10

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**Question Type:** MultipleChoice

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What are two roles that you would run in a NetApp StorageGRID service appliance? (Choose two.)

**Options:**

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**A-** Gateway Node

**B-** Storage Node

**C-** Storage VM

**D-** Primary Admin Node

**Answer:**

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A, D

**Explanation:**

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Gateway Node and Primary Admin Node are two roles that you can run in a NetApp StorageGRID service appliance. A Gateway Node provides access to StorageGRID using S3 or Swift protocols. A Primary Admin Node hosts the Grid Manager and Tenant Manager interfaces and performs administrative tasks for StorageGRID.

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