

Free Questions for NS0-004

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Question 1

Question Type: MultipleChoice

A company is using a FlexPod reference architecture. The administrator wants to manage the compute, storage, and virtualization environment in a single UI.

Which product should be used to meet these requirements?

Options:

- A- Cisco Intersight
- B- VMware vCenter
- C- NetApp Active IQ Unified Manager
- D- Cisco UCS Director

Answer:

D

Explanation:

= Cisco UCS Director is a heterogeneous platform for private cloud Infrastructure as a Service (IaaS) that supports a variety of hypervisors and Cisco and third-party servers, network, storage, and converged infrastructure. It simplifies IaaS, automates IT workflows, and enables hybrid IT with Cisco CloudCenter and other Cisco ONE Enterprise Cloud Suite offers. It also provides a single point of control for managing FlexPod and other converged infrastructure solutions across data center, remote, and edge environments. Reference=Cisco UCS Director - Cisco, Cisco UCS Director Data Sheet - Cisco, FlexPod overview and architecture - NetApp

Question 2

Question Type: MultipleChoice

Which storage type provides access using Amazon Simple Storage Service (Amazon S3) APIs?

Options:

- A- SAN
- B- NAS
- C- DAS
- D- object

Answer:

D

Explanation:

= Object storage is a type of storage that provides access using Amazon S3 APIs. Object storage stores data as objects, which consist of data and metadata. Object storage is designed for scalability, durability, and cost-effectiveness. Object storage is suitable for storing unstructured data, such as images, videos, documents, and backups. Object storage does not use a hierarchical file system, but rather a flat namespace that allows users to access objects by unique identifiers. Reference=[Working with Amazon S3-Compatible Storage Accounts](#),[Amazon S3 API Reference](#),[Amazon S3 REST API Introduction](#)

Question 3

Question Type: MultipleChoice

A company has a large data set that is used at many branch offices worldwide. An administrator needs a solution to save frequently used data locally and centrally lock files for real-time collaboration.

Which two NetApp solutions can be used to meet these requirements? (Choose two.)

Options:

- A- Cloud Volumes Service
- B- BlueXP edge caching
- C- FlexCache
- D- SnapLock Enterprise
- E- BlueXP copy and sync

Answer:

B

Explanation:

= BlueXP edge caching and BlueXP copy and sync are two NetApp solutions that can meet the requirements of saving frequently used data locally and centrally locking files for real-time collaboration. BlueXP edge caching creates a software fabric that caches "active datasets" in distributed offices to deliver guaranteed transparent data access and optimal performance on a global scale¹. BlueXP copy and sync enables a "single set of data" for users globally to leverage virtual teams and increase their productivity for team and collaborative workflows¹. Both solutions use a central file locking mechanism that ensures real-time collaboration and data consistency². Reference=¹:Global File Cache - File Sharing in the Cloud | NetApp,²:File Caching: Unify Your Data with Talon FAST and NetApp

Question 4

Question Type: MultipleChoice

A customer has data on an on-premises volume that needs to be quickly accessed by their analytics application in the cloud. The connection from the cloud provider to the on-premises system has more latency than the cloud analytics application can handle. The customer cannot completely move the volume to the cloud, due to on-premises access requirements.

Which NetApp ONTAP feature enables the customer to use NetApp Cloud Volumes ONTAP for quick read and write access to this volume from the cloud?

Options:

- A- FlexCache
- B- SnapMirror
- C- FabricPool
- D- SnapVault

Answer:

A

Explanation:

FlexCache is a NetApp ONTAP feature that enables the customer to use NetApp Cloud Volumes ONTAP for quick read and write access to this volume from the cloud. FlexCache allows you to create a cache volume on a Cloud Volumes ONTAP system that is linked to an origin volume on an on-premises system. The cache volume serves the read requests from the cloud analytics application, while the write requests are forwarded to the origin volume. FlexCache reduces the latency and bandwidth consumption of accessing the on-premises data from the cloud, while maintaining data consistency and protection. Reference=FlexCache overview, FlexCache documentation, FlexCache: Accelerate access to your data

Question 5

Question Type: MultipleChoice

Which StorageGRID feature enables a compliant information lifecycle management (ILM) policy to prevent object deletion?

Options:

- A-** S3 Object Lock
- B-** Cloud Storage Pool

C- SnapLock Compliance

D- S3 bucket access policy

Answer:

A

Explanation:

S3 Object Lock is a StorageGRID feature that enables a compliant information lifecycle management (ILM) policy to prevent object deletion. S3 Object Lock allows you to apply a retention period and a legal hold to individual objects or object versions in buckets with S3 Object Lock enabled. During the retention period, objects cannot be overwritten or deleted unless the legal hold is in effect. If an object is under a legal hold, it cannot be deleted even after the retention period expires. S3 Object Lock helps you to meet regulatory compliance, privacy, and data protection requirements for your object data. Reference=Manage objects with S3 Object Lock, Example 7: Compliant ILM policy for S3 Object Lock, NetApp StorageGRID ILM on tape

Question 6

Question Type: MultipleChoice

Which NetApp tool enables customers to build and operate all of their NetApp storage on premises and in the cloud?

Options:

- A- BlueXP
- B- Active IQ Digital Advisor
- C- BlueXP observability
- D- Active IQ Unified Manager

Answer:

A

Explanation:

BlueXP is a NetApp tool that enables customers to build and operate all of their NetApp storage on premises and in the cloud. BlueXP provides a unified platform for managing, protecting, and optimizing your data across hybrid multicloud environments. BlueXP integrates with NetApp's portfolio of storage solutions, such as ONTAP, Cloud Volumes, StorageGRID, and E/EF-Series, and supports various data types, such as file, block, and object. BlueXP also offers a range of capabilities, such as backup and recovery, copy and sync, observability, tiering, classification, and ransomware protection, to enhance your data lifecycle management. Reference=[BlueXP overview](#),[BlueXP documentation](#),[BlueXP: The Ultimate Data Management Platform](#),[BlueXP: Simplify Data Management Across Hybrid Multicloud](#)

Question 7

Question Type: MultipleChoice

Which NetApp BlueXP product enables a customer to provide read and write access to remote Windows servers from a centralized datastore?

Options:

- A- BlueXP copy and sync
- B- BlueXP edge caching
- C- BlueXP tiering
- D- Cloud Volumes ONTAP

Answer:

B

Explanation:

BlueXP edge caching is a NetApp BlueXP product that enables a customer to provide read and write access to remote Windows servers from a centralized datastore. BlueXP edge caching allows you to cache data from a BlueXP volume or a Cloud Volume ONTAP system

on a local Windows server, which improves the performance and availability of your applications. You can also sync the cached data back to the source volume, ensuring data consistency and protection. [Reference=BlueXP edge caching overview](#), [BlueXP edge caching documentation](#), [BlueXP edge caching: Accelerate access to your data](#)

Question 8

Question Type: MultipleChoice

Which NetApp tool enables customers to address risk factors and opportunities to improve system availability, security, and performance?

Options:

- A- Cloud Insights Storage Workload Security
- B- BlueXP copy and sync
- C- BlueXP ransomware protection
- D- Active IQ Digital Advisor

Answer:

D

Explanation:

Active IQ Digital Advisor, also integrated into NetApp BlueXP, is a NetApp tool that enables customers to address risk factors and opportunities to improve system availability, security, and performance. Active IQ Digital Advisor uses artificial intelligence to provide insights, guidance, and actions based on the data collected from your NetApp systems and services. Active IQ Digital Advisor helps you to monitor the health, capacity, efficiency, and protection of your storage environment, as well as to identify and resolve issues, optimize performance, and plan for future needs. Reference=NetApp Active IQ - Actionable Intelligence,Active IQ Documentation,Active IQ Digital Advisor

Question 9

Question Type: MultipleChoice

A customer wants to use cloud storage as part of their data strategy. Their existing storage is a mixture of NFS and SMB workloads. The customer wants a managed service to help provision these resources.

Which solution should the customer choose?

Options:

- A- StorageGRID
- B- AFF
- C- NetApp Cloud Volumes ONTAP
- D- Azure NetApp Files

Answer:

D

Explanation:

Azure NetApp Files is a fully managed cloud storage service that provides SMB and NFS file services for your cloud applications on Microsoft Azure. It is designed for customers who want to use cloud storage as part of their data strategy and have a mixture of NFS and SMB workloads. Azure NetApp Files simplifies and automates the deployment, management, and scaling of your file systems, while delivering high performance, availability, security, and data protection. You can also leverage NetApp's data management capabilities, such as snapshots, clones, replication, and backup, to enhance your data lifecycle management. Reference=[What is Azure NetApp Files?](#),[Azure NetApp Files Documentation](#),[Azure NetApp Files: Enterprise-Grade File Storage for Azure](#),[Azure NetApp Files: The Ultimate Cloud File Service](#)

Question 10

Question Type: MultipleChoice

A company wants to reduce their on-premises footprint by tiering cold data to a more cost-effective location. Which IMetApp ONTAP feature can be used?

Options:

- A- SVM DR
- B- SnapVault
- C- FabricPool
- D- FlexGroup

Answer:

C

Explanation:

FabricPool is a NetApp ONTAP feature that enables you to tier cold data from your on-premises storage to a more cost-effective location, such as the cloud or an on-premises object store. FabricPool automatically identifies and moves inactive data blocks from the performance tier, which consists of SSDs or HDDs, to the capacity tier, which consists of object storage. FabricPool preserves the data

protection, security, and efficiency features of ONTAP, while reducing the storage footprint and costs of your on-premises system. Reference=[Data tiering overview](#),[Managing data tiering for your clusters](#),[Data Tiering and Cloud Tiering Solutions](#),[Cloud Tiering for Intelligent Data Growth Management](#),[Cozy with hot, tier with cold: A data growth simplicity story](#)

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