NetApp NS0-005 Practice Questions

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Question 1

Question Type: MultipleChoice

Which cloud architecture model does Cloud Volumes Service have?

Options:

A- PaaS
B- DRaaS
C- SaaS
D- IaaS

P2P exams

Answer:

C

Explanation:

SaaS stands for Software as a Service, which is a cloud architecture model that provides software applications over the internet. Cloud Volumes Service is an example of a SaaS offering that provides fully managed cloud storage with advanced features and performance.

Question 2

Question Type: MultipleChoice

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Which two data protection features are built into NetApp Element software? (Choose two.)

Options:

A- volume snapshots
B- RAID DP
C- real-time replication between clusters
D- SnapLock software

Answer:

A, C

Explanation:

Volume snapshots and real-time replication between clusters are two data protection features that are built into NetApp Element software. Volume snapshots provide point-in-time copies of data that can be used for backup and recovery. Real-time replication between clusters provides synchronous mirroring of data across different sites for disaster recovery.

Question 3

Question Type: MultipleChoice

A company is using a FlexPod reference architecture. The administrator wants to manage the compute, storage, and virtuaiization 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 4

Question Type: MultipleChoice

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

In this scenario, which solution would you use?

Options:

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

Answer:

C

Explanation:

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 5

Question Type: MultipleChoice

You are helping to deploy a new cloud application. Over time, cloud resource requirements will likely grow and could become costly. Your manager asks you to collect cost data and determine how to optimize costs.

In this scenario, which NetApp product would enable you to fulfill this request?

Options:

A- Cloud Compliance
B- Cloud Volumes ONTAP
C- Cloud Volume service

D- Spot Cloud Analyzer by NetApp

Answer:

D

Explanation:

Spot Cloud Analyzer by NetApp is a product that helps you monitor, analyze, and optimize your cloud infrastructure costs across multiple cloud providers and accounts.It provides visibility into your cloud spending patterns, identifies cost-saving opportunities, and recommends actions to reduce your cloud bills. Reference:2https://spot.io/products/cloud-analyzer/

Question 6

Question Type: MultipleChoice

Which are three focus areas of NetApp E-Series solutions? (Select three.)

Options:

A- video surveillance
B- backup
C- big data analytics
D- virtual desktop infrastructure
E- file shares using SMB

Answer:

A, B, C

Explanation:

Video surveillance, backup, and big data analytics are three focus areas of NetApp E-Series solutions. E-Series systems provide high-density, high-availability, and high-throughput storage for these use cases.

Question 7

Question Type: MultipleChoice

A customer needs to accelerate data access of a hot volume to multiple remote sites.

Which NetApp ONTAP feature simplifies file distribution, reduces WAN latency, and lowers WAN bandwidth cost?

Options:

A- MetroCluster software
B- FlexCache technology
C- SnapMirror Business Continuity
D- FlexClone technology

Answer:

B

Explanation:

FlexCache technology is a feature of NetApp ONTAP that enables you to create a cache volume on a remote cluster and populate it with data from a source volume on a different cluster. The cache volume can serve read requests from local clients, reducing the WAN latency and bandwidth consumption. The cache volume can also be configured to write back to the source volume, ensuring data consistency and availability. FlexCache technology simplifies file distribution by allowing you to create multiple cache volumes across different sites and regions, and manage them from a single interface.Reference=FlexCache volumes overview - NetApp,FlexCache volumes: Simplify file distribution and reduce WAN latency - NetApp,FlexCache volumes: Use cases and benefits - NetApp.

Question 8

Question Type: MultipleChoice

Which NetApp Cloud Manager add-on service enables you to back up on-premises volumes and NetApp Cloud Volumes ONTAP volumes to object storage?

Options:

A- Cloud Insights
B- Cloud Backup
C- SnapLock
D- Cloud Compliance

Answer:

B

Explanation:

Cloud Backup is a service that enables you to back up and restore data from on-premises or cloud-based NetApp storage systems to low-cost object storage.It supports both NetApp ONTAP and NetApp Element software.
Reference:1https://docs.netapp.com/us-en/occm/concept_backup.html

Question 9

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 10

Question Type: MultipleChoice

A data administrator needs to store customer financial records that are subject to SEC regulations. All files must be retained in an unalterable state for 6 years and must stay easily accessible.

Which feature should the administrator configure?

Options:

A- SnapLock Compliance
B- SnapLock Enterprise
C- NetApp Volume Encryption (NVE)
D- NetApp Storage Encryption (NSE)

Answer:

A

Explanation:

SnapLock Compliance is a NetApp feature that enables you to store customer financial records that are subject to SEC regulations. SnapLock Compliance provides WORM (write once, read many) functionality at the volume level, which means that files cannot be modified, deleted, or overwritten for a specified retention period. SnapLock Compliance also ensures that files are easily accessible and searchable, and that they comply with the SEC Rule 17a-4, which requires financial firms to preserve certain records in a non-rewriteable and non-erasable format.Reference=SnapLock Compliance overview - NetApp,An independent assessment firm validated that Azure and Office 365 can help financial firms meet SEC Rule 17a-4, SEC Rule 18a-6, FINRA 4511, & CFTC 1.31 records retention and immutable storage requirements..

Question 11

Question Type: MultipleChoice

Currently, all of your application workloads store their data on a NetApp AFF cluster. You are required to move 20% of your application workloads to the public cloud by the end of the fiscal year. You also want a flexible payment option as you scale your public cloud footprint.

In this scenario, which NetApp storage offering satisfies the requirements?

Options:

A- ONTAP Select deployed on a local vCenter Server instance
B- Cloud Volumes ONTAP brlng-your-own-llcense (BYOL) subscription
C- Cloud Volumes ONTAP pay-as-you-go (PAYGO) subscription
D- NetApp FAS cluster deployed In a secondary location

Answer:

C

Explanation:

Cloud Volumes ONTAP is a software-defined storage solution that runs on top of cloud infrastructure and provides advanced data management features for file and block workloads. It allows you to move your application workloads to the public cloud and maintain NetApp ONTAP data efficiencies.A PAYGO subscription lets you pay for the storage resources you consume on an hourly basis, which gives you a flexible payment option as you scale your public cloud footprint12.

Question 12

Question Type: MultipleChoice

A customer wants to modernize the SAN environment and transition iSCSI-based workloads to NVMe-over-TCP. Which NetApp storage systems should be used to meet these requirements?

Options:

A- StorageGRID
B- SANtricity OS
C- Element software
D- ONTAP software

Answer:

D

Explanation:

ONTAP software is a NetApp storage system that supports NVMe-over-TCP, which is a protocol that allows remote direct memory access for data using an Ethernet TCP link. ONTAP software enables customers to upgrade their iSCSI-based workloads to NVMe-over-TCP without requiring any special hardware or network changes. ONTAP software also provides other benefits such as data protection, efficiency, and scalability for SAN environments.Reference=Announcing NVMe/TCP for ONTAP,NetApp brings NVMe over TCP to ONTAP via the iSCSI upgrade path,What Is NVMe? - Benefits & Use Cases

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