NetApp NS0-604 Practice Questions

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Question 1

Question Type: MultipleChoice

Which network configuration is required for NetApp BlueXP to discover an on-premises NetApp cluster?

Options:

A- outbound 443 access to the BlueXP service
B- inbound 443 access to the cluster-management UF
C- inbound 443 access from the BlueXP service
D- outbound 443 access to the Connector IP address

Answer:

A

Explanation:

For NetApp BlueXP to discover an on-premises NetApp cluster, the network must be configured to allow outbound 443 access to the BlueXP service. Port 443 is used for secure HTTPS communication, and BlueXP needs to establish an outbound connection from the on-premises NetApp cluster to the cloud-based BlueXP service for discovery and management.

Inbound 443 access (B and C) is not required for discovery, and outbound 443 access to the Connector IP address (D) is relevant only when interacting with the BlueXP Connector, not for cluster discovery.

Question 2

Question Type: MultipleChoice

A company has an existing on-premises NetApp AFF array in their datacenter that is about to run out of storage capacity. Due to recent leadership changes, the company cannot add more storage capacity in the existing AFF array, because they need to move to cloud in 2 to 3 years. The current on-premises array contains a lot of cold dat

a. The company needs to free some storage capacity on the existing on-premises AFF array relatively quickly, to support the new application.

Which NetApp BlueXP service should the company use to meet this requirement?

Options:

A- BlueXP tiering
B- BlueXP backup and recovery
C- BlueXP replication
D- BlueXP copy and sync

Answer:

A

Explanation:

In this scenario, the company needs to quickly free up storage capacity on its on-premises NetApp AFF array, especially since much of the data is cold. The best solution is BlueXP tiering (formerly Cloud Tiering), which moves infrequently accessed (cold) data from the high-performance on-premises storage to more cost-effective cloud storage.

By automatically tiering cold data to the cloud, BlueXP tiering enables the company to free up space on their existing AFF array without additional on-premises hardware, and it prepares them for a future cloud migration. This process can be implemented quickly and efficiently to meet their immediate storage needs.

Other options like BlueXP backup and recovery (B), BlueXP replication (C), and BlueXP copy and sync (D) are focused on data protection, replication, and synchronization, but they do not directly address the need to free up on-premises storage space.

Question 3

Question Type: MultipleChoice

A customer has on-premises NetApp systems and wants information about data to migrate to Azure. Which dashboard in NetApp BlueXP digital advisor should the customer use?

Options:

A- Valuable Insights
B- Health Check
C- Cloud Recommendations
D- Keystone Advisor

Answer:

C

Explanation:

To get insights about which data to migrate from on-premises NetApp systems to Azure, the customer should use the Cloud Recommendations dashboard in NetApp BlueXP Digital Advisor. This dashboard analyzes the on-premises environment and provides recommendations on which workloads or datasets are best suited for migration to the cloud, such as to Azure.

Other dashboards like Valuable Insights (A) and Health Check (B) provide general system health and performance information, while Keystone Advisor (D) relates to NetApp's subscription-based storage offering.

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Question 4

Question Type: MultipleChoice

A customer wants to set up disaster recovery in the Central US region for an existing Azure NetApp Files production workload in the East US2 region.

Which feature should the customer use?

Options:

A- cross-zone replication
B- SnapMirror replication
C- SyncMirror replication
D- cross-region replication

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Answer:

D

Explanation:

For setting up disaster recovery in the Central US region for an existing Azure NetApp Files workload in the East US2 region, the customer should use cross-region replication. This feature allows data replication across different Azure regions, providing a robust disaster recovery solution by keeping a secondary copy of the data in a geographically separate location.

Cross-zone replication (A) deals with replication within the same region across availability zones. SnapMirror (B) and SyncMirror (C) are ONTAP-specific replication technologies but are not directly applicable to Azure NetApp Files in this scenario.

Question 5

Question Type: MultipleChoice

When deploying NetApp Cloud Volumes ONTAP, which Amazon Elastic Container Service (Amazon ECS) workload characteristic is used to size an application that uses large sequential I/O?

Options:

A- MBps
B- capacity
C- IOPS
D- cpu

Answer:

A

Explanation:

When deploying NetApp Cloud Volumes ONTAP for an Amazon Elastic Container Service (Amazon ECS) workload that involves large sequential I/O, the sizing characteristic to consider is MBps (megabytes per second). Large sequential I/O workloads, such as video streaming or backup operations, typically rely on high throughput rather than random IOPS.

Capacity (B) and IOPS (C) are important for other workload types, while CPU (D) is less relevant for storage throughput requirements in this context.

Question 6

Question Type: MultipleChoice

A company just underwent a merger. The new environment includes hundreds of branch office

locations running Windows servers. The company needs technology to centralize unstructured data to consolidate branch office storage and infrastructure.

Which NetApp technology should the company use to meet these requirements?

Options:

A- BlueXP replication
B- Global File Cache
C- FlexCache
D- Cloud Volumes ONTAP

Answer:

B

Explanation:

After a merger with hundreds of branch office locations, the company needs to centralize unstructured data and consolidate the branch office storage infrastructure. The best NetApp technology for this requirement is Global File Cache. Global File Cache centralizes unstructured data into a core data center or cloud while maintaining fast access and performance at branch offices by caching frequently accessed data locally. This solution reduces the need for local storage infrastructure at each branch, optimizing data access and consolidation across multiple sites.

Other options like BlueXP replication (A), FlexCache (C), and Cloud Volumes ONTAP (D) offer various functionalities, but Global File Cache is designed specifically for consolidating and centralizing data from branch offices while preserving performance.

Question 7

Question Type: MultipleChoice

A customer has an AFF MetroCluster IP configuration and needs to tier cold data to the public cloud. Which NetApp replication option must the customer use for the capacity tier?

Options:

A- FabricPool mirror
B- BlueXP copy and sync

C- BlueXP replication
D- SyncMlrror

Answer:

A

Explanation:

For an AFF MetroCluster IP configuration, the customer should use FabricPool mirror to tier cold data to the public cloud. FabricPool is a feature of ONTAP that allows automatic tiering of cold or inactive data from high-performance AFF (All-Flash FAS) systems to a lower-cost cloud-based object storage. It is designed to extend the capacity of on-premises systems by tiering cold data to cloud storage, reducing the need for additional local storage.

Other options like BlueXP copy and sync (B) and BlueXP replication (C) are related to data replication and migration, not specifically tiering of inactive data. SyncMirror (D) is a high-availability feature used for synchronous replication, not for cloud tiering.

Question 8

Question Type: MultipleChoice

A company just negotiated a Microsoft Azure Consumption Commitment (MACC). They want to use NetApp BlueXP data services, but they have no additional budget for the rest of the year.

Which two licensing models can the company use? (Choose two.)

Options:

A- Keystone
B- PayGo
C- BYOL
D- Private Offer

Answer:

B, D

Explanation:

For companies that have negotiated a Microsoft Azure Consumption Commitment (MACC) and want to use NetApp BlueXP data services without additional budget for the rest of the year, two licensing models can be used:

PayGo (B): This is the Pay-As-You-Go licensing model, which allows the customer to use Azure credits from their MACC for NetApp services. It aligns with the company's desire to leverage their Azure budget without incurring additional costs.

Private Offer (D): Through Azure's Private Offer model, customers can negotiate custom pricing and leverage their Azure commitment to pay for NetApp services, aligning with their existing MACC.

Keystone (A) is a subscription-based model for on-premises or hybrid environments, and BYOL (C) (Bring Your Own License) requires an upfront purchase of licenses, which would not align with the company's scenario of having no additional budget.

Question 9

Question Type: MultipleChoice

Cyber Monday is quickly approaching as supply chain issues delay a large server shipment to the data center. The VMware environment is storage-heavy and needs to rapidly grow using Azure services.

Which two technologies should the company use to resolve the issue? (Select two.)

Options:

A- Azure VMware Solution
B- Amazon FSx for NetApp ONTAP
C- Google Cloud VMware Engine
D- Azure NetApp Files

Answer:

A, D

Explanation:

To rapidly expand a storage-heavy VMware environment using Azure services, the company should utilize:

Azure VMware Solution (A): This service allows VMware workloads to be seamlessly migrated or

expanded into Azure, providing a familiar environment with the scalability and flexibility of the Azure cloud. It's an ideal solution for extending on-premises VMware deployments to Azure.

Azure NetApp Files (D): Azure NetApp Files provides highly performant, scalable file storage in Azure. It integrates well with Azure VMware Solution, offering a robust storage backend for VMware workloads, especially when they are storage-heavy.

Amazon FSx for NetApp ONTAP (B) and Google Cloud VMware Engine (C) are not relevant in this Azure-specific scenario.

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