

NetApp.NS0-603.by.Pando.47q

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Exam A

QUESTION 1

A customer wants to design a solution that provides unique persistent storage when scaling a StatefulSet application. The customer proposes using a volume claim template in the StatefulSet definition to generate a unique persistent volume and use NetApp Trident to automate the provisioning of the persistent volume. Which Kubernetes object would be used in this scenario?

- A. HorizontalPodAutoscaler
- B. CronJob
- C. StorageClass
- D. ConfigMap

Correct Answer: A

Section:

QUESTION 2

You are using Cloud Volumes ONTAP to store persistent data in a multi-tiered Web application on AWS. In this scenario, which two architectures would improve application availability? (Choose two.)

- A. deployment of the Cloud Volumes ONTAP High Availability instances in a private subnet
- B. deployment of a AWS CloudHSM cluster in the same Availability Zone as a Cloud Volumes ONTAP single-node instance
- C. deployment of a Cloud Volumes ONTAP single-node instance on a single dedicated compute host
- D. deployment of Web servers behind a network load balancer

Correct Answer: B, D

Section:

QUESTION 3

You must consolidate your branch office Microsoft Windows file servers into the cloud with the objective to centralize all Microsoft Windows file shares (SMB) into your Active Directory domain. After analyzing your unstructured data set, you find that 10% of the data is active and 90% of your data is archive data. You deploy NetApp Cloud Volumes ONTAP in Microsoft Azure and enable data tiering to tier off data to object storage, leaving all the defaults for the capacity tier. In this scenario, by default, which storage class is used for your archive data?

- A. nearline storage class
- B. cool storage tier
- C. hot tier
- D. coldline storage class

Correct Answer: B

Section:

QUESTION 4

Your organization is implementing an automation-first policy, requiring all code to be checked into a version-controlled repository. You are planning to deploy NetApp Cloud Volumes ONTAP for storage services in AWS. In this scenario, how do you ensure that the NetApp solution satisfies your organization's requirements?

- A. Use AWS CloudFormation templates to deploy Cloud Volumes ONTAP instances.

- B. Configure NetApp Cloud Manager to automatically export Cloud Volumes ONTAP configurations from Cloud Manager and save them into GitHub.
- C. Use the NetApp Cloud Manager Terraform provider to orchestrate Cloud Volumes ONTAP deployments.
- D. Use the Hashicorp Terraform registry to deploy Cloud Volumes ONTAP instances.

Correct Answer: C

Section:

QUESTION 5

Your customer wants to demonstrate data privacy compliance by monitoring as many platforms as possible across on-premises and the public cloud with NetApp Cloud Data Sense (formerly Cloud Compliance). In this scenario, which two data sources are supported? (Choose two.)

- A. Microsoft Exchange
- B. Oracle Database
- C. Amazon S3
- D. DB2

Correct Answer: A, B

Section:

QUESTION 6

You want to protect your data against ransomware attacks In Cloud Volumes ONTAP In this scenario, which two policies should be enabled? (Choose two.)

- A. Snapshot policy
- B. tiering policy
- C. FPolicy
- D. export policy

Correct Answer: A, B

Section:

QUESTION 7

Your manager asks you to include steps In your NetApp Hybrid cloud deployment to reduce the risk of a developer accidentally interfering with your mission-critical applications that are in production. In this scenario, which step would you perform?

- A. Identify federated NetApp Cloud Manager's identity to your company's SSO.
- B. Use dedicated NetApp Cloud Manager accounts for development and production environments.
- C. Isolate the production's VPC network from the development's VPC network.
- D. Enable multifactor authentication (MFA) for privileged administrators to access NetApp ONTAP software and NetApp Cloud Manager.

Correct Answer: C

Section:

QUESTION 8

You are designing a disaster-recovery solution for a customer who is running a critical workload on Azure NetApp Files. You suggest cross-region replication In this scenario, which two statements are true? (Choose two.)

- A. Cross-region replication depends on Global VNet Peering.
- B. Cross-region replication can be used to replicate SMB workloads.



- C. Cross-region replication can replicate data between any two Azure regions
- D. Cross-region replication works only between designated region pairs.

Correct Answer: B, C

Section:

QUESTION 9

One volume on your NetApp Cloud Volumes ONTAP High-Availability (HA) cluster has reached a capacity limit. Which two actions would address this issue? (Choose two.)

- A. Create another storage virtual machine (SVM) on your Cloud Volumes ONTAP node.
- B. Migrate aggregates to the standby node in your Cloud Volumes ONTAP cluster.
- C. Move volumes to another aggregate on the same system.
- D. Move volumes to another Cloud Volumes ONTAP system.

Correct Answer: B, C

Section:

QUESTION 10

You want to manage access to your hybrid cloud resources centrally. You want to use single sign-on (SSO) to access your NetApp Cloud Central accounts using credentials from your corporate directory. Which two open standards would you use to federate your identity to the company's SSO? (Choose two.)

- A. Security Assertion Markup Language 2.0 (SAML)
- B. Windows Active Directory (AD) authentication protocols
- C. Lightweight Directory Access Protocol (LDAP)
- D. OpenID Connect (OIDC)

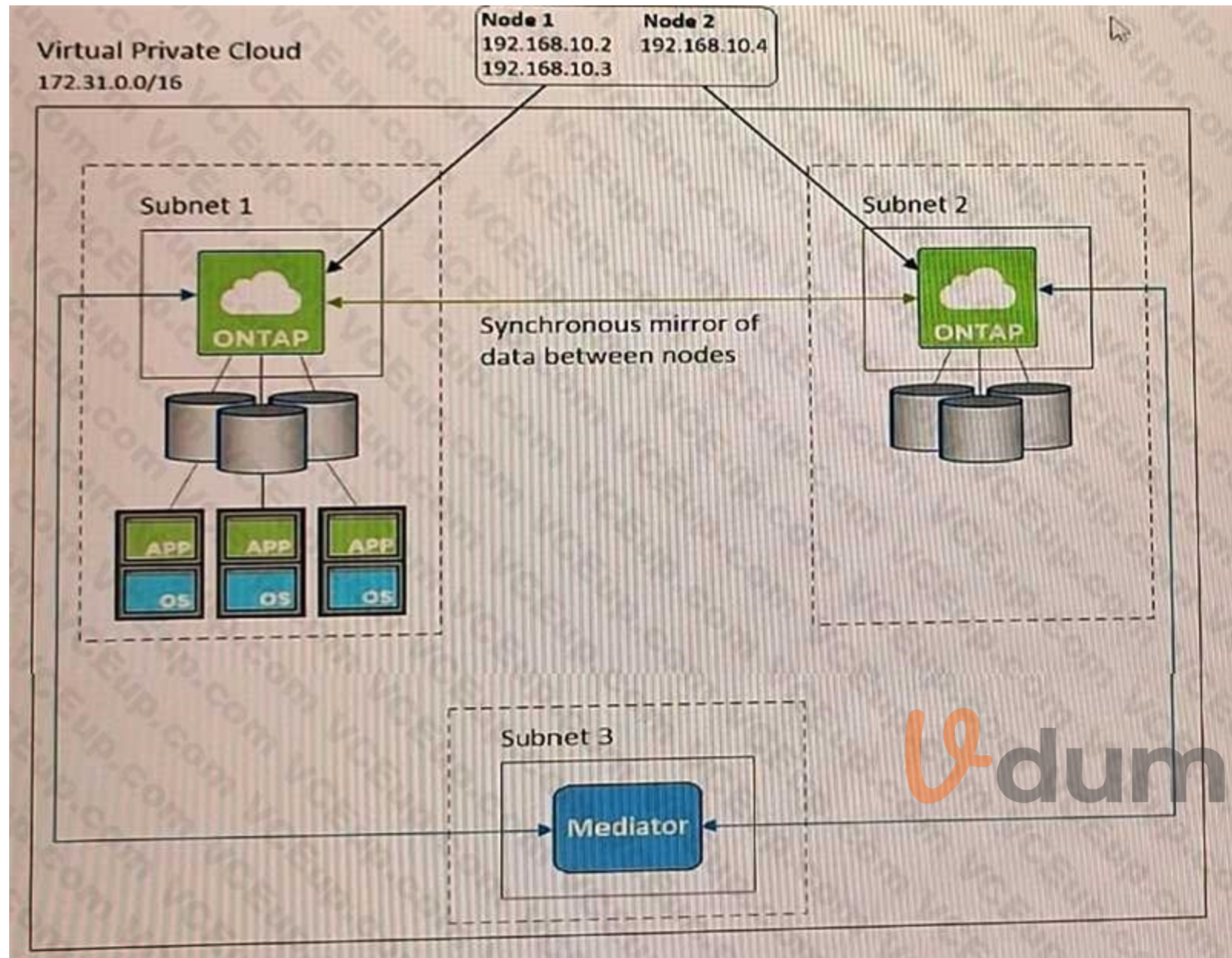
Correct Answer: B, C

Section:

QUESTION 11

Exhibit.





Which deployment model for NetApp Cloud Volumes ONTAP in AWS would use the networking topology as shown in the exhibit?

- A. single node, multiple availability zones
- B. HA nodes, single availability zone
- C. single node, single availability zone
- D. HA nodes, multiple availability zone

Correct Answer: B

Section:

QUESTION 12

You are asked to deploy NetApp Cloud Volumes ONTAP In a Google Cloud environment. You set up a NetApp Cloud Central account. You want the storage administrator to be able to log in to the NetApp Cloud Central account and deploy a connector from the SaaS Cloud Manager before deploying NetApp Cloud Volumes ONTAP.

In this scenario, what are two requirements to accomplish this task? (Choose two.)

- A. The storage administrator must be set up as an administrator in Google Cloud.
- B. The storage administrator must be set up as a workspace admin in NetApp Cloud Central.

- C. The GCP user who deploys the connector from NetApp Cloud Central should be associated with a custom role.
- D. The required APIs must be enabled in the Google Cloud project.

Correct Answer: B, C

Section:

QUESTION 13

Your customer requires a centralized repository of media files. The repository will be large (in petabytes), with content creators and editors using it from around the globe. They want a NetApp solution that requires minimal administrative resources and provides a good user experience.

In this scenario, which two NetApp technologies would satisfy these requirements? (Choose two.)

- A. FlexCache
- B. Flash Cache
- C. SnapMirror
- D. FlexGroup

Correct Answer: A, B

Section:

QUESTION 14

You are migrating your on-premises Microsoft SQL Server to Microsoft Azure VMs and Azure NetApp Files. You want to avoid connectivity interruptions during scheduled maintenance operations.

Which Azure NetApp Files feature satisfies this requirement?

- A. Manual QoS Capacity Pool
- B. Azure Application Consistent Snapshot Tool (AzAcSnap)
- C. Snapshot Revert
- D. SMB Continuously Available shares

Correct Answer: B

Section:

QUESTION 15

You are designing a cloud storage solution for a customer in Microsoft Azure with strict security requirements. They want to use Azure NetApp Files and they require "krb5p" for all NFS traffic. The workload is highly concurrent and mostly sequential.

In this scenario, how will throughput be affected?

- A. Throughput will be significantly decrease
- B. Throughput will be slightly increased.
- C. Throughput will not be affected.
- D. Throughput will be slightly decreased.

Correct Answer: C

Section:

QUESTION 16

You are designing a new hybrid cloud solution. The nonfunctional requirements state that you must be able to integrate identity management for SSO authentication.

In this scenario, what are two supported identity management providers? (Choose two.)



- A. OAuth
- B. SAML
- C. YAML
- D. Azure Active Directory

Correct Answer: A, B

Section:

QUESTION 17

You deployed a custom application on AWS that uses MongoDB as the backend. The database files of MongoDB reside on an iSCSI volume hosted on NetApp Cloud Volumes ONTAP in high availability mode. In this scenario, what is required to provide fault tolerance for applications when one of the storage nodes fails?

- A. ONTAP only
- B. load balancer
- C. Fabric Pool
- D. iSCSI multipath I/O on the client

Correct Answer: B

Section:

QUESTION 18

You must configure data replication between a NetApp Cloud Volumes ONTAP system in AWS and a In this scenario, what is a cost-effective way to accomplish this goal?

- A. Set up an Internet gateway on the AWS VPC that is hosting the Cloud Volumes ONTAP instance.
- B. You must configure ExpressRoute and Direct Connect with your on-premises data center.
- C. You must allow NetApp Cloud Manager to configure the network communication between the working environments during the cluster peering setup wizard.
- D. You must configure a VPN connection between the AWS VPC and the Azure VNet.

Correct Answer: C

Section:

QUESTION 19

You are designing a solution to detect potential insider threats. Your corporate file shares are hosted on NetApp ONTAP arrays. In this scenario, which two approaches using NetApp cloud services would be appropriate? (Choose two.)

- A. Configure Cloud Insights with an Automated Response Policy.
- B. Configure Cloud Data Sense service to assign Azure Information Protection (AIP) labels automatically to all files that match the criteria that are defined in a policy.
- C. Configure Cloud Backup service for your corporate file share, and ensure that the target is not in the same cloud provider as the source.
- D. Configure a Cloud Secure agent with a User Directory Connector.

Correct Answer: B, C

Section:

QUESTION 20

Your organization requires you to consolidate your branch office Microsoft Windows file servers into the cloud with the objective to centralize all Microsoft Windows file shares (SMB) into your Active Directory domain. Your organization requires you to extend file shares from your Azure NetApp Files central data sources to your branch office workforce with support for file locking. In this scenario, which NetApp cloud service provides the desired outcome?

- A. Global File Cache
- B. ONTAP Select software
- C. Cloud Tiering
- D. FlexCache technology

Correct Answer: C

Section:

QUESTION 21

You must identify cold data before enabling FabricPool technology with NetApp ONTAP 9.8 software. In this scenario, which NetApp feature or tool would you use to accomplish this task?

- A. XCP File Analytics
- B. Inactive Data Reporting
- C. SnapMirror
- D. Harvest

Correct Answer: B

Section:

QUESTION 22

A customer is using AWS for their production environment. One of their applications uploads data into an AWS S3 bucket and the customer wants to duplicate this data into NetApp Cloud Volumes ONTAP. In this scenario, how would the customer copy their data from AWS S3 to Cloud Volumes ONTAP?

- A. Use Cloud Backup service.
- B. Use SaaS Backup.
- C. Use Cloud Tiering.
- D. Use Cloud Sync service.

Correct Answer: B

Section:

QUESTION 23

Exhibit.



Software-defined Storage Service Levels

NetApp ONTAP designed with over 350 service providers and enterprises globally

Application-Aligned Storage Service Levels

Service Level	Value	Performance	Extreme
Minimum "SLA" (IOPS/TB allocated)	128	2048	6144
Maximum "SLO" (QoS Limit in IOPS/TB Stored)	512	4096	12288
Latency (ms)	17	2	1

Flash-accelerated, SAN and NAS, non-stop availability and durability, non-disruptive movement

NetApp

Referring to the exhibit, a volume in the Value storage service level is storing 10 TB of data.
What is the maximum number of IOPS that the volume would receive?

- A. 1280
- B. 5120
- C. 128
- D. 512

Correct Answer: A

Section:

QUESTION 24

You are designing for StorageGRID deployment.

In this scenario, what are two rules for the nodes? (Choose two.)

- A. You need two admin nodes per site.
- B. Each data center site must include at least four storage nodes.
- C. Each data center site must include at least three storage nodes.
- D. Only one admin node is permitted per site.

Correct Answer: B, C

Section:

QUESTION 25

Exhibit.



Application-Aligned Storage Service Levels			
Service Level Policy	Value	Performance/Performance prime	Extreme/Extreme Performance Prime
Workload Type	Email, web, file shares, backup	Database and virtualized applications	Latency-sensitive applications
Minimum "SLA" (IOPS/TB allocated)	128	2048	6144
Maximum "SLO" (QoS Limit in IOPS/TB Stored)	512	4096	12288
Latency (ms)	17	2	1

Flash-Accelerated, SAN and NAS, Non-Stop Availability and Durability, Non-Disruptive Movement

You are implementing storage-as-a-service using the service levels that are shown in the exhibit. In your implementation plan, which metric is used for the SLA and SLO?

- A. throughput
- B. I/O density
- C. latency
- D. RAID level

Correct Answer: B

Section:

QUESTION 26

You are designing a new deployment of Cloud Volumes ONTAP in Azure using a highly available configuration. In this scenario, which two statements are true? (Choose two.)

- A. Each node has access to its own storage only.
- B. NFSv4 is supported.
- C. NFSv4 is not supported.
- D. Each node has access to the other node's storage.

Correct Answer: B, C

Section:

QUESTION 27

You re-engineer your on-premises Infrastructure and migrating workloads to the cloud. You are asked to consider a hybrid cloud deployment. Which two scenarios would highlight that a hybrid cloud deployment would be more appropriate for the workload in this situation? (Choose two.)

- A. when used to provide a guaranteed low latency solution for your analytics workloads
- B. when specific data in your solution is not permitted to be moved to the cloud due to regulations or policies
- C. when used to reduce management between your on-premises data center and remote locations by hosting part of your architecture in the cloud
- D. when used as a transition platform during a longer-term migration to a fully cloud-native solution

Correct Answer: C, D

Section:

QUESTION 28

You are designing a file services platform for unstructured data in Amazon Web Services (AWS). The primary workload of your data is production file shares. Based on your assessment, you notice that only 10% of your data is "hot", which equals 4 TB of storage. This active data set requires high performance storage. The remaining 36 TB of data is archive data. To achieve cost benefits, you deploy Cloud Volumes ONTAP in AWS, associate two 4 TB disks with the aggregate, and enable data tiering.

In Cloud Manager, which volume tiering policy would satisfy the requirements?

- A. Snapshot only
- B. None
- C. All
- D. Auto

Correct Answer: B

Section:

QUESTION 29

You are designing a multicloud architecture using Microsoft Azure and Amazon Web Services (AWS). The objective is to deploy NetApp Cloud Volumes ONTAP in both clouds and use SnapMirror for replication. You already deployed NetApp Cloud Manager and an associated Connector in Microsoft Azure. To connect your Cloud Manager to AWS, you are instructed to establish a site-to-site VPN between Microsoft Azure and AWS.

In this scenario, which two components are required to provision the AWS endpoint for the VPN connection? (Choose two.)

- A. firewall rules to unblock UDP port 4500
- B. AWS Direct Connect
- C. a virtual private gateway in AWS
- D. a VPN connection in AWS

Correct Answer: B, C

Section:

QUESTION 30

You are using Windows Virtual Desktops and storing user profiles on Azure NetApp Files by using the Premium storage service level. There will be 1000 contractors coming onboard for a short duration to assist with project work, and each one of them requires virtual desktop access.

In this scenario, which three actions address the short term performance demand without affecting the latency of existing users? (Choose three.)

- A. Use FlexCache.
- B. Increase the volume quota on Azure NetApp Files.
- C. Change the Azure NetApp Files service level to Ultra Storage.
- D. Increase the capacity pool on Azure NetApp Files.
- E. Enable encryption on Azure NetApp Files.

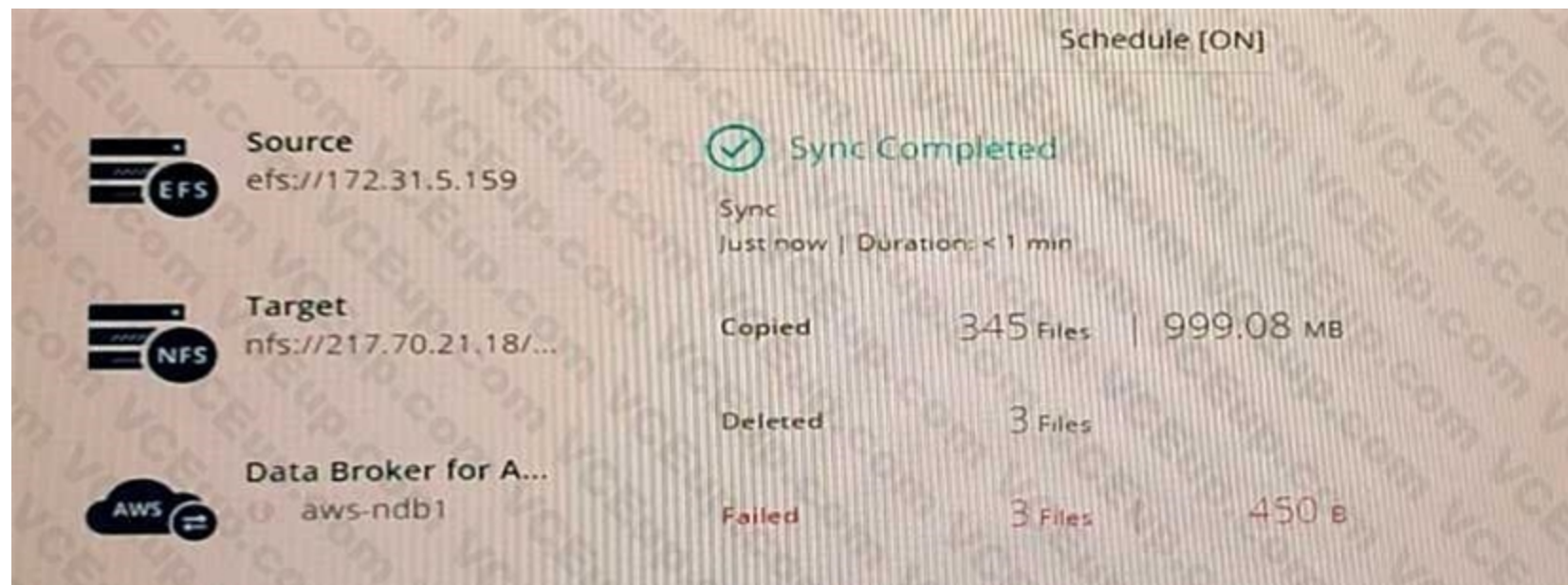
Correct Answer: B, C, D

Section:

QUESTION 31

Exhibit.





Referring to the exhibit, what are three business reasons for the migration to the new target?
(Choose three.)

- A. to increase redundancy
- B. to refactor the application to use S3 object storage
- C. to reduce cost
- D. to add NFS v4 support
- E. to increase performance

Correct Answer: A, B, C

Section:



QUESTION 32

An IT organization transformed from an asset-based management approach into a service-provider approach by implementing adaptive QoS and multiple points of automation. Now, performance and cost of the system are predictable.

Which two metrics would the organization start to report after such a transition? (Choose two.)

- A. throughput for each storage array
- B. IOPS per TB per month
- C. cost per GB per month by service level
- D. latency per each storage volume

Correct Answer: B, C

Section:

QUESTION 33

You are deploying NetApp Cloud Volumes ONTAP to support a relational database workload. You must protect data from an intermittent loss of network connectivity to a single zone in a public cloud data center.

Which Cloud Volumes ONTAP feature accomplishes this ta

- A. end-to-end encryption
- B. multi-zone high-availability (HA)
- C. ONTAP storage efficiencies

D. intelligent cold-data tiering to object storage

Correct Answer: B

Section:

QUESTION 34

You are asked to develop a migration strategy for your customer that is migrating several SMB and NFS workloads from on-premises to Azure NetApp Files. In this scenario, which three technologies should you consider? (Choose three.)

- A. rsync
- B. robocopy
- C. NetApp Cloud Sync service
- D. Azure Storage Explorer
- E. SnapMirror technology

Correct Answer: B, C, D

Section:

QUESTION 35

You want to deploy a NetApp Cloud Volumes ONTAP HA pair on Google Cloud. In this scenario, what is the minimum supported network configuration for Virtual Private Clouds (VPCs)?

- A. four dedicated VPCs
- B. one shared VPC and three dedicated VPCs
- C. four shared VPCs
- D. one dedicated VPC and three shared VPCs



Correct Answer: B

Section:

QUESTION 36

You are planning a migration of a single 500 TB workload into NetApp Cloud Volumes ONTAP starting with 10 TB and gradually increasing the amount hosted in the cloud. You believe that 80% of the data is cold and will be tiered using data tiering. The most important factor is to minimize the number of licenses as your footprint grows. Which two licensing options would minimize the cost of the licenses in this scenario? (Choose two.)

- A. Purchase a PAYGO license from the cloud marketplace for the initial footprint, and then use inplace conversion to a BYOL license.
- B. Purchase a PAYGO license from the cloud marketplace for the initial footprint, and allow it to grow as your Cloud Volumes ONTAP instance grows.
- C. Purchase a BYOL license for the initial footprint, and then stack additional BYOL licenses when you reach capacity on the initial license.
- D. Purchase a single BYOL Cloud Volumes ONTAP license for the Initial footprint, and then deploy a new Cloud Volumes ONTAP instance for each additional migration.

Correct Answer: B, C

Section:

QUESTION 37

An administrator notices that disks need to be added to Increase capacity in NetApp Cloud Volumes ONTAP in Azure deployed as an HA pair. The administrator is preparing to use the Azure portal to add the disks. As a cloud architect, what would you tell the administrator to do in this situation?

- A. Use NetApp System Manager to log into Cloud Volumes ONTAP and add disks to the right node.
- B. Use NetApp Cloud Manager to add disks to the aggregate.
- C. Use the CLI to log into Cloud Volumes ONTAP and add disks to the right node.
- D. Use the Azure portal to navigate to the storage account and add a new Blob container.

Correct Answer: C

Section:

QUESTION 38

Your customer wants to move from hosting all workloads in a public cloud to infrastructure-as-a-service (IaaS) on-premises. In this scenario, which two benefits would you present to the customer? (Choose two.)

- A. scalability
- B. data sovereignty
- C. agility
- D. data security

Correct Answer: A, B

Section:

QUESTION 39

You want to deploy NetApp Cloud Volumes ONTAP In AWS using NetApp Cloud Manager.

In this scenario, which two network protocols need to be specified in the security group rules to initiate a connection with your AWS tenant? (Choose two.)

- A. LDAP
- B. SSH
- C. ICMP
- D. HTTPS

Correct Answer: A, B

Section:

QUESTION 40

Your log files are stored in Amazon S3 and you want to keep a copy In Azure Blob storage. In this scenario, which tool do you use for data replication?

- A. NetApp Cloud Sync service
- B. NetApp Cloud Backup service
- C. Azure Data Box
- D. AWS Snowball

Correct Answer: A

Section:

QUESTION 41

Which two domain service providers are supported for authentication of Azure NetApp Files SMB shares? (Choose two.)

- A. Active Directory Domain Services (ADDS)



- B. Azure Active Directory (Azure AD)
- C. Azure Active Directory External Identities
- D. Azure Active Directory Domain Services (AADDSS)

Correct Answer: B, C

Section:

QUESTION 42

You need to set up a data resilient configuration for Cloud Volumes ONTAP In AWS. In this scenario, which action will accomplish this task?

- A. Set up a multi-zone redundant configuration and use round robin in AWS.
- B. Set up a three-way active-active-passive redundant cluster between multiple regions of AWS.
- C. Set up an active-active HA cluster between two regions of AWS.
- D. Set up an active-passive redundant set of instances between two regions of AWS.

Correct Answer: A

Section:

QUESTION 43

Your company has just merged with another organization. You are responsible for connecting both companies by designing a new multi-region cloud service in Microsoft Azure. Both company's Azure subscriptions and tenants have been merged already. You want to enable cross-region connectivity between the new services and endpoints.

In this scenario, which service do you consider?

- A. ExpressRoute
- B. VNet Peering
- C. Service endpoints
- D. Site-to-Site VPN

Correct Answer: A

Section:

QUESTION 44

You are designing an automation solution that you will use across both on-premises and cloud-based NetApp ONTAP systems. You want a single automation solution for both locations to reduce the administrative overhead. In this scenario, which two automation tools would you use? (Choose two.)

- A. Ansible
- B. Rest API
- C. ARM
- D. CloudFormation

Correct Answer: B, C

Section:

QUESTION 45

A customer has a multi-cloud environment and wants to deploy Cloud Volumes ONTAP in both AWS and Azure.

In this scenario, which two statements are true? (Choose two.)



- A. The customer must provide a private subnet with only VPC or VNet routing for any Connector.
- B. The customer must provide outbound Internet access for any Connector.
- C. The customer must deploy a single Connector for either AWS or Azure and create a VPN connection to the other cloud.
- D. The customer must deploy one Connector for AWS and a second Connector for Azure.

Correct Answer: B, C

Section:

QUESTION 46

A company realizes that multiple departments are using different cloud providers for mission-critical workloads. They are experiencing poor performance on workloads across different cloud providers and notice that there are deployment inconsistencies.

In this scenario, what are two ways to correct the problem? (Choose two.)

- A. Use infrastructure as code (IaC) to ensure deployments satisfy design specifications.
- B. Use storage services that can scale dynamically with workload demands.
- C. Consolidate data for applications into volumes on a single cloud provider.
- D. Ensure that all virtual machines use Reserved Instances to maximize performance.

Correct Answer: B, C

Section:

QUESTION 47

You are designing a highly available solution based on NetApp Cloud Volumes ONTAP that will be deployed in Google Cloud. The solution will need to grow over time to meet demand.

In this scenario, when adding disks, which two statements are true? (Choose two.)

- A. Cloud Manager creates a mirrored aggregate.
- B. Cloud Manager adds a new Cloud Volumes ONTAP instance.
- C. Cloud Manager allocates disks to both nodes.
- D. Cloud Manager allocates disks to one node.

Correct Answer: B, C

Section:

