





Exam Code: NS0-603

Exam Name: NetApp Certified Hybrid Cloud - Architect

Website: https://VCEup.com/

Team-Support: https://VCEplus.io/







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Question No: 1	
You must back up data with an option to restore a file to the same or a different location.	
In this scenario, which storage type would be used as part of the NetApp Cloud Backup service?	
A. in-memory	
B. file storage	
C. object storage	
D. block storage	
Answer: C	
Question No: 2	
You are sizing a new Azure NetApp Flies deployment and are documenting the throughput limit calculations within the design.	
In this scenario, which two factors are used to accomplish this task? (Choose two.)	
A. the quota that is assigned to the capacity pool	
B. the service level of the capacity pool	
C. the service level of the volume	
D. the quota that is assigned to the volume	
Answer: A, B	
Question No: 3	
You are designing a solution using NetApp Cloud Tiering and want to Include details for the user on how to monitor network latency and throughput, so that they can identify potential bottlenecks that could affect the tier	ring service.
In this scenario, which tool would you include in the design to complete this task?	
A. Inactive Data Reporting	
B. Amazon CloudWatch	
C. NetApp Cloud Manager	
D. NetApp XCP	
Answer: B	
Question No: 4	
You are asked to deploy NetApp Cloud Volumes ONTAP In AWS by using automation tools to help streamline scale and maintain updates.	
Which two tools would you use to complete this task? (Choose two.)	
A. Vagrant	
B. Helm	
C. Terraform	
D. Ansible	

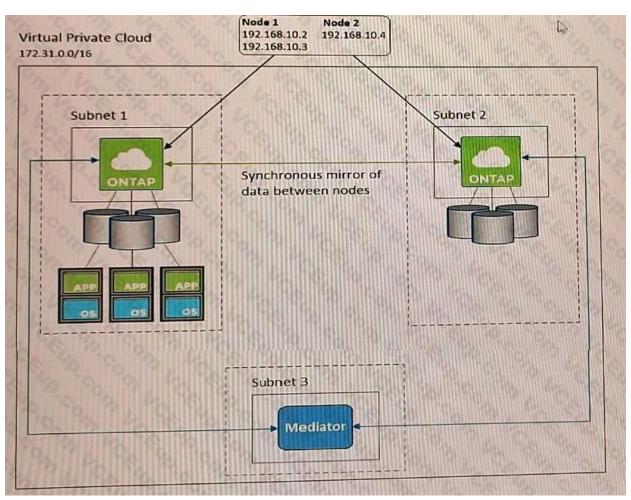


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Answer: C, D

Question No: 5

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

Answer: B

Question No: 6

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.

Answer: B, C

Question No: 7

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

Answer: A, B

Question No: 8

You must consolidate your branch office Microsoft Windows file servers Into the cloud with the objective to centralize ail 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 dat a. 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

Answer: B

Question No: 9

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.

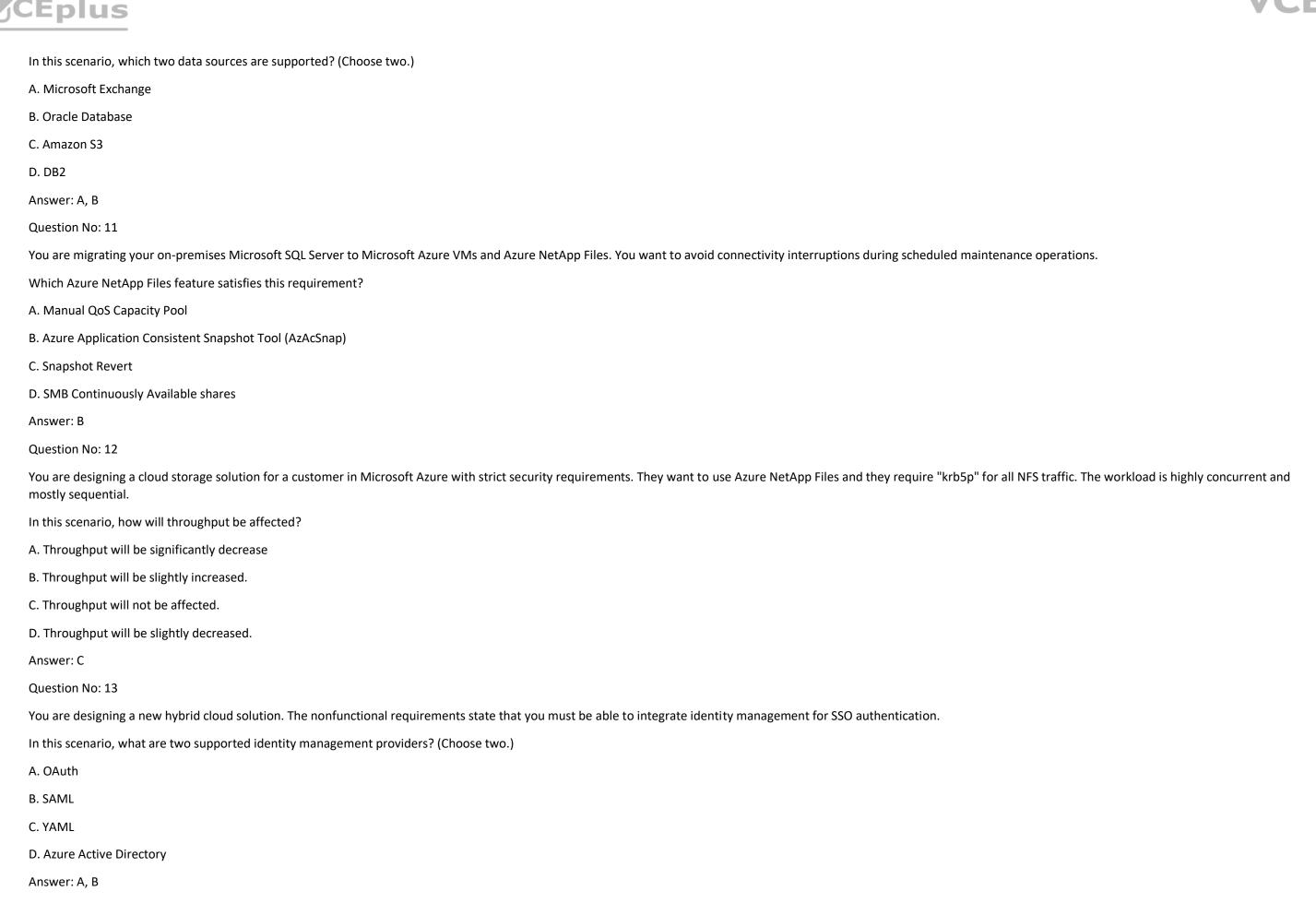
Answer: C

Question No: 10

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).











Question No: 14

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

Answer: B

Question No: 15

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.

Answer: C

Question No: 16

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.

Answer: B, C

Question No: 17

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





Answer: C

Question No: 18

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

Answer: B

Question No: 19

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.

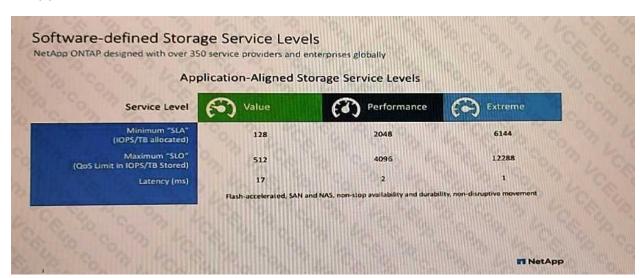
C. Use Cloud Tiering.

D. Use Cloud Sync service.

Answer: B

Question No: 20

Exhibit.



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

Answer: A

Question No: 21

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.

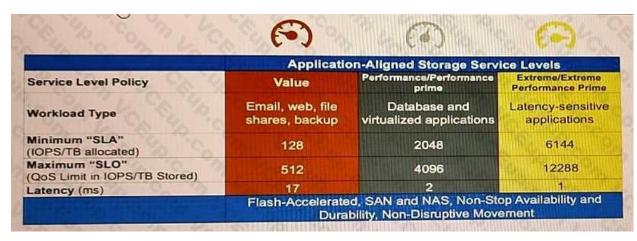
C. Each data center site must include at least three storage nodes.

D. Only one admin node is permitted per site.

Answer: B, C

Question No: 22

Exhibit.



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

Answer: B

Question No: 23

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.



Question No: 27



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B. NFSv4 is supported.	
C. NFSv4 is not supported.	
D. Each node has access to the other node's storage.	
Answer: B, C	
Question No: 24	
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	
Answer: C, D	
Question No: 25	
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 which equals 4 TB of storage. This active data set requires high performance storage. The remaining 36 TB of data is archive dat a. To achieve cost benefits, you deploy Cloud Volumes ONTAP in AWS, associate two 4 TB disaggregate, and enable data tiering.	
In Cloud Manager, which volume tiering policy would satisfy the requirements?	
A. Snapshot only	
B. None	
C. All	
D. Auto	
Answer: B	
Question No: 26	
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 SnapMlrror for replication. You already 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.	deployed
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	
Answer: B, C	





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.

Answer: B, C, D

Question No: 28

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

Answer: A, B, C

Question No: 29

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





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B. IOPS per TB per month	
C. cost per GB per month by service level	
D. latency per each storage volume	
Answer: B, C	
Question No: 30	
You are deploying NetApp Cloud Volumes ONTAP to suppo	ort 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	
Answer: B	
Question No: 31	
You are asked to develop a migration strategy for your cus	tomer that is migrating several SMB and NFS workloads from on-premises to Azure NetApp Files.
In this scenario, which three technologies should you consi	ider? (Choose three.)
A. rsync	
B. robocopy	
C. NetApp Cloud Sync service	
D. Azure Storage Explorer	
E. SnapMirror technology	
Answer: B, C, D	
Question No: 32	
You want to deploy a NetApp Cloud Volumes ONTAP HA pa	air on Google Cloud.
In this scenario, what is the minimum supported network of	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	
Answer: B	
Question No: 33	





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.

Answer: B, C

Question No: 34

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.

Answer: C

Question No: 35

Your customer wants to move from hosting all workloads in a public cloud to infrastructure-as-aservice

(laaS) 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

Answer: A, B

Question No: 36

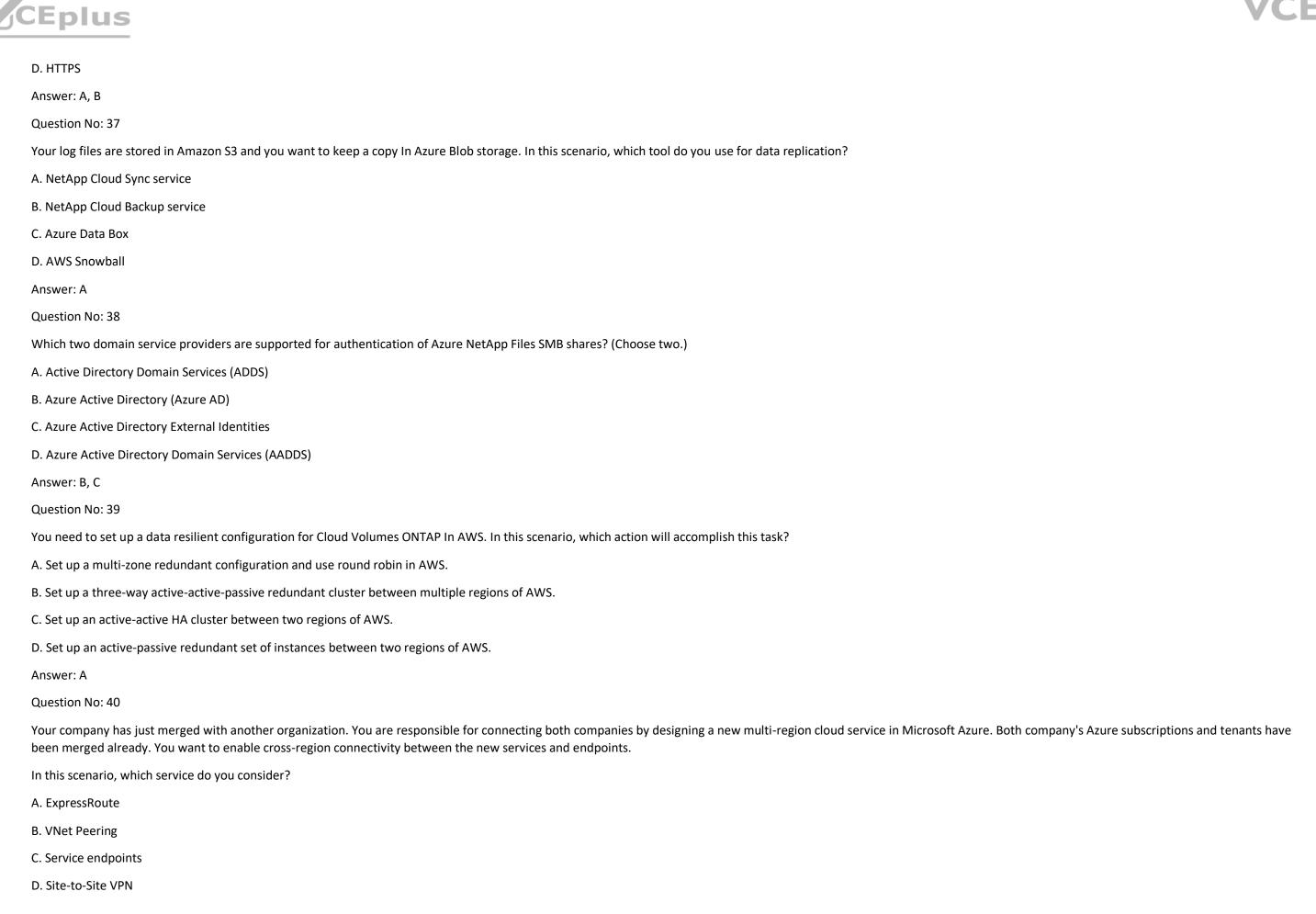
You want to deploy NetApp Cloud Volumes ONTAP In AWS using NetApp Cloud Manager.

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











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	Answer: A	
	Question No: 41	
	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	
	Answer: B, C	
	Question No: 42	
	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	
	Answer: A	
	Question No: 43	
	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	
	Answer: B, D	
	Question No: 44	
	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	





Answer: A, B

Question No: 45

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.

Answer: C

Question No: 46

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.

Answer: B, C

Question No: 47

One volume on your NetApp Cloud Volumes ONTAP HIgh-AvailabIIIty (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.

Answer: B, C

Question No: 48

Your customer needs assistance developing a cloud storage solution that allows access from both NFSv3 and SMBv3 clients. You recommend Azure NetApp Files.

In this scenario, which two satisfy the requirements? (Choose two.)

A. Azure Active Directory Domain Services (AADDS) I

B. Azure Active Directory (AAD)

C. Active Directory Domain Services (ADDS)

D. DNS servers that are reachable from the Azure NetApp files delegated subnet





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Answer: B, C	
Question No: 49	
A customer wants to migrate workloads to Cloud Volumes ONTAP.	
In this scenario, which two test cases would you design in your proof of concept to demonstrate the solution? (Choose two.)	
A. test HA resiliency	
B. test FCoE	
C. test storage efficiencies	
D. test RAID DP	
Answer: B, C	
Question No: 50	
Your team is deploying a containerized application on Kubernetes. The developers are currently collecting metrics for application response times. d Insights to augment their In this scenario, what are three ways that you monitoring? (Choose three.)	would
A. Curate application metrics and other Kubernetes monitoring into a single dashboard.	
B. Provide automatic Snapshot copies of the containerized application.	
C. Automatically adjust the size of the cluster based on the workload.	
D. Collect pod metrics.	
E. Provide an overall health view of the Kubernetes cluster.	
Answer: B, C, D	
Question No: 51	
You are asked to design a monitoring solution for your Cloud Volumes ONTAP environment for AWS.	
You decide to enable the Monitoring service in Cloud Manager.	
In this scenario, which two statements are correct? (Choose two.	
A. You must configure alerts through the Cloud Insights user interface.	
B. The Monitoring service displays the performance of clusters using the Active IQ page in NetApp Cloud Manager.	
C. You must have a pre-existing NetApp Cloud Insights tenant to enable the Monitoring service.	
D. The Monitoring service deploys a virtual machine into your VPC.	
Answer: B, C	
Question No: 52	
You want to manage access to your hybrid cloud resources centrally. You want to use single sign-on	

Which two open standards would you use to federate your identity to the company's SSO? (Choose two.)

(SSO) to access your NetApp Cloud Central accounts using credentials from your corporate directory.





B. Windows Active Directory (AD) authentication protocols

C. Lightweight Directory Access Protocol (LDAP)

D. OpenID Connect (OIDC)

Answer: B, C

Question No: 53

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.

Answer: B, C

Question No: 54

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.

Answer: B, C

Question No: 55

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.

Answer: B, C

Question No: 56





You are designing a solution that will use NetApp Cloud Volumes ONTAP for Azure. The deployment and ongoing management of the solution should be able to be automated.

In this scenario, which three automation methods would you include? (Choose three.)

- A. ARM
- B. Ansible
- C. CloudFormation
- D. NetApp Manageability SDK
- E. Rest API

Answer: B, C, D

Question No: 57

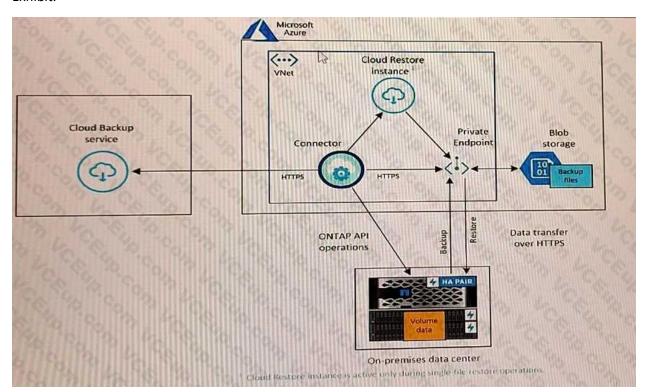
Which NetApp Cloud Manager feature would be enabled to support Immutability of the data?

- A. NetApp Cloud WORM
- B. NetApp Storage Encryption
- C. NetApp Snapshot
- D. NetApp Volume Encryption

Answer: B

Question No: 58

Exhibit.



You are designing a NetApp Cloud Backup solution for your on-premises ONTAP clusters to Azure Blob storage.





Referring to the exhibit, which two statements are true? (Choose two.)

A. An inbound connection is required from the Connector.

B. A connection between the cluster and the Cloud Backup service is not required.

C. An outbound connection is required to the Connector.

D. A connection between the cluster and the Cloud Backup service is required.

Answer: B, C

Question No: 59

Your customer wants to migrate from an on-premises backup and recovery architecture to a public cloud target solution.

Which two factors should be considered when designing this solution? (Choose two.)

A. recovery point objective

B. recovery time objective

C. media format

D. mean time to repair

Answer: B, C

Question No: 60

A customer has an on-premises data center with NetApp ONTAP storage. They have a Snapshot policy set up for their volumes to create periodic Snapshot copies so that they can recover from those in case they lose their dat a. However, their IT architect wants to implement a solution that will enable them to restore volumes or individual files to their storage on-premises or in the cloud.

In this scenario, which NetApp cloud service should be used to satisfy the requirement?

A. Cloud Backup service

B. Cloud Sync service

C. SaaS Backup

D. Cloud Volumes Service

Answer: B