NS0-302

NetApp Certified Hybrid Cloud – Administrator

Version 1.0

Exam A

QUESTION 1 Which two protocols does a Cloud Volumes Service dual-protocol share support?
(Choose two.)

A. SMB
B. iSCSI
C. NFS
D. FC

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2

You are your company's public cloud administrator and you must deploy Cloud Volumes ONTAP for your unstructured data. You want to use S3 storage for your replicated data. You are going to use data tiering to move this data to S3.

In this scenario, which tiering policy would you use?

A. backup
B. snapshot-only
C. none
D. auto

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
You have an NFS export in Cloud Volumes Service, but have an application requirement for block access and SCSI-2 reservations. You need to migrate the data to a new iSCSI LUN presented to a Linux server from Cloud Volumes ONTAP. The Linux server is also running an NFS server.

In this scenario, which tool would you use to perform this task?

A. CloudMirror
B. Cloud Sync
C. Robocopy
D. SnapMirror

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Your company has purchased a NetApp HCI. You are asked to deploy HA file services out of the NetApp HCI system. Which

two actions accomplish this task? (Choose two.)

A. Use ONTAP Select Deploy.

B. Provide an ONTAP Select license file.
C. Provide an ONTAP cluster base license key.
D. Select "Yes, I want to enable File Services" on the NetApp Deployment Engine.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
You are deploying Cloud Volumes ONTAP HA in AWS with one node of the HA pair in us-west-2a and the other node in us-west-2b. You will create an SMB share on one of the nodes.

In this scenario, what is the minimum number of floating IP addresses required for data access and cluster management operations?

A. 4
B. 1
C. 2
D. 3

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6 You want to create your first volume that uses Cloud Volumes
Service for AWS.

Which three requirements must your AWS environment have in this scenario? (Choose three.)

A. the defined routes that include the network on which the cloud volumes run
B. a Cloud Sync data broker
C. the Virtual Private Gateway (VGW) that is connected to your Virtual Private Cloud (VPC)
D. an AWS Virtual Private Cloud (VPC)
E. the mapped SMB shares from the compute engine

Correct Answer: CDE
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.netapp.com/us-en/cloud_volumes/aws/media/cvs_aws_account_setup.pdf

QUESTION 7
Click the Exhibit button.

Visual View ☰ Tabular View

Engineering
Cloud Volumes ONTAP | AWS

AWS Account: 123456789011

Cluster Management IP: 10.20.1.681

Serial Number: serial-Engineering-01

⬇ Normal Write Speed   >

★ New version available   >

You have a Cloud Volumes ONTAP HA pair that is provisioned in multiple availability zones. All components of the ONTAP cluster are eligible for update. In

this scenario, which two actions are performed during the upgrade when you use the default update options? (Choose two.)

A. The HA pairs serve data during the upgrade process.
B. The HA mediator is updated.
C. The SnapMirror transfers continue during the upgrade process.
D. The software image is pushed using HTTP

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
As the site reliability engineer, you have successfully deployed Kubernetes clusters on AWS and Google Cloud Platform using NetApp Kubernetes Service.

In this scenario, what would enable you to manage these clusters through a single management interface?

A. Istio
B. Helm Charts
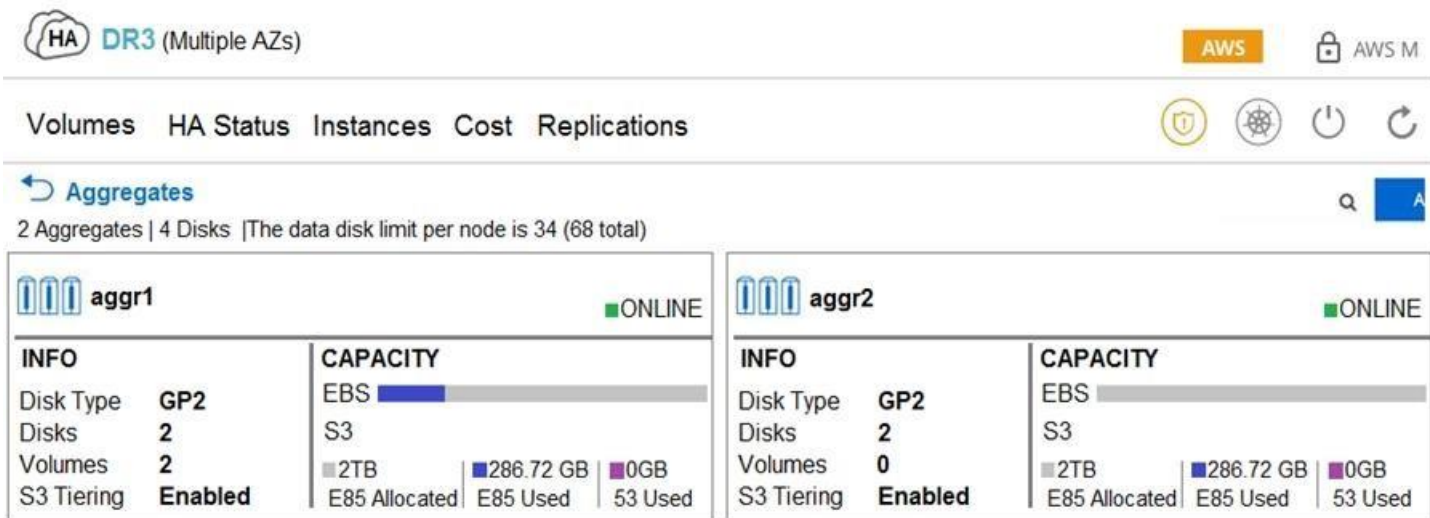C. Federation
D. NetApp Trident

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
Click the Exhibit button.

DR3 (Multiple AZs)

AWS | AWS M

Volumes | HA Status | Instances | Cost | Replications

↩ Aggregates

2 Aggregates | 4 Disks | The data disk limit per node is 34 (68 total)

aggr1	ONLINE
INFO	**CAPACITY**
Disk Type **GP2**	EBS
Disks **2**	S3
Volumes **2**	■2TB ■286.72 GB ■0GB
S3 Tiering **Enabled**	E85 Allocated E85 Used 53 Used

aggr2	ONLINE
INFO	**CAPACITY**
Disk Type **GP2**	EBS
Disks **2**	S3
Volumes **0**	■2TB ■286.72 GB ■0GB
S3 Tiering **Enabled**	E85 Allocated E85 Used 53 Used

You are deploying Cloud Volumes ONTAP in HA mode for AWS. You are using the standard license that has a capacity limit of 10 TB.

Referring to the exhibit, how much more capacity would satisfy the maximum license limit?

A. 2 TB of storage for the HA pair
B. 6 TB of storage for the HA pair
C. 8 TB of storage on each node
D. 2 TB of storage on each node

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.netapp.com/us-en/cloud-volumes-ontap/reference_storage_limits_94.html

QUESTION 10
Click the Exhibit button.

Snapshots | Export policy | Snapshot policy | Sync

+ Add export policy rule

Rule index	Allowed clients Required	Access	Protocol
Rule	10.0.0.0/24	Read & Write Read only	NFSv3 ✕

Rule index	Allowed clients Required	Access	Protocol
Rule	10.0.1.0/24	Read & Write Read only	NFSv3 ✕

Rule index	Allowed clients Required	Access	Protocol
Rule	10.0.2.0/24	Read & Write Read only	NFSv3 ✕

Your Cloud Volumes Service export is mounted on a Red Hat Enterprise Linux instance. You can view a top-level directory listing, but you cannot create files.

Referring to the exhibit, what is the IP address of your Red Hat Enterprise Linux instance?

A. 10.0.1.6
B. 10.0.0.0C. 10.0.1.0
D. 10.0.2.6

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11

As the administrator of Cloud Insights, you installed the Acquisition Unit and configured the ONTAP Data Collector. You successfully added an ONTAP 9.5 system for monitoring. When you add another FAS system, you receive the error message shown below.

Error: "7 Mode filers are not supported"

In this situation, which statement is correct?

A. You must use the correct admin level username and password.
B. ONTAP Systems running in 7-Mode are not supported by Cloud Insights.
C. The communication between the Acquisition Unit and the ONTAP system gets blocked.
D. You must configure the Data Collector for Data ONTAP 7-Mode.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12

You have a single node Cloud Volumes ONTAP instance in AWS. You are required to have high availability for the data with no data loss across availability zones. In

this scenario, which two actions are required to accomplish this task? (Choose two.)

A. Tier the data to S3.
B. Mirror the data.
C. Add a second node to the cluster.
D. Create a new HA pair.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13

You have an AFF A800 and are tiering data into StorageGRID. You need to keep a second copy of the cold data in an S3 bucket within AWS.

In this scenario, which two NetApp technologies would you use? (Choose two.)

A. CloudMirror
B. FlashPool
C. Cloud Sync
D. SnapMirror

Correct Answer: AD
Section: (none)
Explanation
Explanation/Reference:
Reference: https://netapp.io/2018/05/22/cloudmirror-replication-between-storagegrid-webscale-and-aws/

QUESTION 14 Which two elements should be configured for a VPN connection in
AWS? (Choose two.)

A. customer gateway
B. Internet gateway
C. virtual private gateway
D. NAT gateway

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.netapp.com/us-en/occm37/reference_networking_aws.html#a-vpc-with-public-and-private-subnets-and-a-nat-device

QUESTION 15
You are setting up your first sync relationship in Cloud Sync. You must add a NetApp data broker. You are using a CIFS server as your source location. In

this scenario, what are three supported target locations? (Choose three.)

A. Amazon EBS
B. Azure managed disks
C. Blob container
D. StorageGRID
E. S3 bucket

Correct Answer: CDE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16 What is the difference between a mirror and a backup
replication policy?

A. Mirror replication policies can retain more Snapshot copies at the destination than at the source
B. Backup replication policies are faster than mirror replication policies.
C. Mirror replication policies are faster than backup replication policies.
D. Backup replication policies can retain more Snapshot copies at the destination than at the source.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17 You need to set permissions to launch OnCommand Cloud Manager in AWS public cloud without using
Cloud Central.

In this scenario, to ensure that OnCommand Cloud Manager can launch successfully, which action would accomplish this task?

A. Grant permissions to the IAM User.
B. Grant permissions to the account Admin User.
C. Open a firewall rule for port 443 to my.netapp.com.
D. Grant permissions to the OnCommand Cloud Manager instance.

Correct Answer: A

Section: (none)
Explanation

Explanation/Reference:
Reference: https://library.netapp.com/ecm/ecm_download_file/ECMLP2735476

QUESTION 18
Your environment that is monitored by Cloud Insights is growing rapidly and requires the deployment of additional Data Collectors. You want to deploy preconfigured collectors.

In this scenario, what allows you to accomplish this task?

A. Data Collector bulk import
B. Data Collector Federation
C. Data Collector cloning
D. Data Collector PowerShell script

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.netapp.com/us-en/cloudinsights/task_view_configured_data_collectors.html#controlling-data-collector-polling

QUESTION 19
Click the Exhibit button.

You are troubleshooting a failed SnapMirror relationship between two Cloud Volumes ONTAP instances. The source is Azure, and the destination is AWS.

Referring to the exhibit, which connection endpoints need to be verified?

A. AWS VPC and on-premises network
B. OnCommand Cloud Manager and Azure VNet
C. AWS VPC and Azure VNet
D. OnCommand Cloud Manager and AWS VPC

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: http://197.253.9.244/ontap%209-5/DATAPROT/2_Student%20Guide/STRSW-ILT-DATAPROT-REV07_StudentGuide.pdf (258)

QUESTION 20
You want to remove deduplication from a volume on Cloud Volumes ONTAP by using the `volume efficiency off` command.

In this situation, which three statements are true? (Choose three.)
A. Deduplication cannot be restarted on that volume within 24 hours to allow all background scanners to complete.
B. You can remove only the deduplication savings and not the compression savings.
C. When removing deduplication, the duplicate blocks in the volume are automatically deleted.

D. You cannot stop post process deduplication and continue using post process compression.

E. By turning off deduplication, you also turn off both inline and post process compression.

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
You created an SMB volume in Cloud Volume Service. Before writing any data, the requirement changed to provide multiprotocol access to both NFS and SMB.

In this scenario, which action enables concurrent multiprotocol access?

A. Change the volume security style.
B. Create a new Dual-protocol volume.
C. Change the volume service level.
D. Create a usermap entry.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloud.netapp.com/blog/aws-cvo-blg-smb-and-nfs-cloud-volumes-for-aws-has-you-covered

QUESTION 22
You need to back up some of your daily Snapshot copies from ONTAP Select to Cloud Volumes ONTAP. You need to back up application-consistent Snapshot copies that are created four times daily. You also have several crash-consistent Snapshot copies that you do not want to back up to the cloud that are currently replicating.

To satisfy this requirement, which Snapshot policy parameter do you need to set on the application-consistent Snapshot copies?

A. label
B. count
C. prefix
D. schedule

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloud.netapp.com/blog/aws-automatic-snapshot-copies-cvs

QUESTION 23 When creating iSCSI LUNs on Cloud Volumes ONTAP, which two statements are
true? (Choose two.)

A. You must ensure that you have an aggregate with sufficient space.
B. The Host Utilities should be installed on the host.
C. You must have already created an igroup for the LUN.
D. The Host Utilities must not yet be installed and will be configured from System Manager.

Correct Answer: AC
Section: (none)
Explanation
Explanation/Reference:
Reference: https://docs.netapp.com/us-en/occm36/task_provisioning_storage.html

QUESTION 24
You are the administrator for your company's public cloud system. As you are deploying OnCommand Cloud Manager, you notice that each time you try to deploy a Cloud Volumes ONTAP instance, you receive an access denied message in the log file.

In this scenario, what must you do to solve this problem?

A. Reset OnCommand Cloud Manager to the default permissions.
B. Apply the security policy from NetApp Cloud Central.
C. Set the security permissions from the NetApp Support site.
D. Set the security permissions from the AWS support site.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
You want to move cold user data blocks from an AFF A300 active file system to the capacity tier in AWS S3.

In this scenario, how would you configure FabricPool?

A. Set the tiering policy to snapshot-only on the volume.
B. Set the tiering policy to auto on the volume.
C. Set the tiering policy to none on the volume.
D. Set the tiering policy to backup on the volume.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
You are the administrator for your company's Cloud Volumes ONTAP instances in AWS. You are experiencing problems with OnCommand Cloud Manager. NetApp support asks you to provide log files. In

this situation, which two methods would accomplish this task? (Choose two.)

A. Set up a remote session with amazon Web Services (AWS) support to demonstrate the problem.
B. Go to the Support Dashboard in the Cloud Manager UI and click the Send Now button.
C. Use SSH to log in to the Cloud Manager instance and collect the logs from the "/opt/application/netapp/cloudmanager/log" directory.
D. Go to the AWS Management Console and collect the logs from AWS CloudWatch.

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
You want to allow Cloud Volumes Service for AWS to communicate with Windows Active Directory server deployed in AWS.

In this situation, what do you need to update?
A. your AWS IAM Password Policy
B. the security group of your Cloud Volumes Service
C. the security group of your Windows Active Directory server instances

D. your Direct Connect Gateway

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.netapp.com/us-en/cloud_volumes/aws/task_creating_cloud_volumes_for_aws.html#integrate-the-volume-with-an-active-directory-server-smb-and-dual-protocol

QUESTION 28
You are the administrator for your company's Azure Infrastructure. You need to create a custom role to ensure that you can deploy Cloud Volumes ONTAP without using NetApp Cloud Central.

Which modification do you need to make to the JSON file to accomplish this task?

A. Modify the Azure IAM policy.
B. Modify the Azure VM ID.
C. Add the Azure GUID.
D. Add the Azure Subscription ID.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.netapp.com/us-en/occm35/task_creating_service_principal.html#creating-a-custom-role-with-the-required-cloud-manager-permissions

QUESTION 29
As the administrator of NetApp Cloud Insights, you want to set up an alert on your on-premises NetApp ONTAP system when a volume reaches 70% full. In

this situation, which two actions are required to accomplish this task? (Choose two.)

A. Create an annotation for volume capacity.
B. Create a Performance Policy.
C. Set up an alert.
D. Monitor the action field in Auditing Events.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
You have an AFF A800 system with a 100 TB volume. You are using all default settings and have 4:1 storage efficiency. You are asked to replicate to a Cloud Volumes ONTAP instance for disaster recovery. The destination volume has post-process compression disabled and is set up with the `MirrorAllSnapshots` policy.

In this scenario, how many terabytes will be used on the Cloud Volumes ONTAP destination?

A. 25
B. 75
C. 50
D. 100

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
You have a cloud-connected storage system that is located in a collocation facility that uses AWS Direct Connect. The AWS Direct Connect circuit is already configured and you want to verify that your compute nodes in AWS are able to connect to the volumes created on the storage. You want to verify connectivity using the NFS protocol.

In this scenario, what are three solutions? (Choose three.)

A. Write a text file and save it to the NFS export.
B. Use OnCommand Systems Manager to test NFS connectivity
C. Connect a remote desktop session to the export.
D. Create a NFS export and use the AWS VM Instance to mount the export.
E. Launch an AWS VM instance running Linux in the VPC that is connected to the AWS Direct Connect network.

Correct Answer: BDE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
You are a StorageGRID administrator, and your CIO wants to know what happens when two clients update the same object.

How does StorageGRID manage this situation?

A. The last user gets an error message.
B. The last anonymous user receives priority.
C. The first client request locks the object.
D. The last client request updates the object.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
Your OnCommand Cloud Manager instance has database corruption. You create a new OnCommand Cloud Manager instance with no data, and your ONTAP instances are still running with no issues. You want to bring the cloud and

onpremises ONTAP instances into the new OnCommand Cloud Manager working environment. In this scenario, which two actions will satisfy these requirements? (Choose two.)

A. Promote a load sharing mirror.
B. Restore the 7z backup file.
C. Import ActiveIQ entitlements.
D. Discover the ONTAP instances.
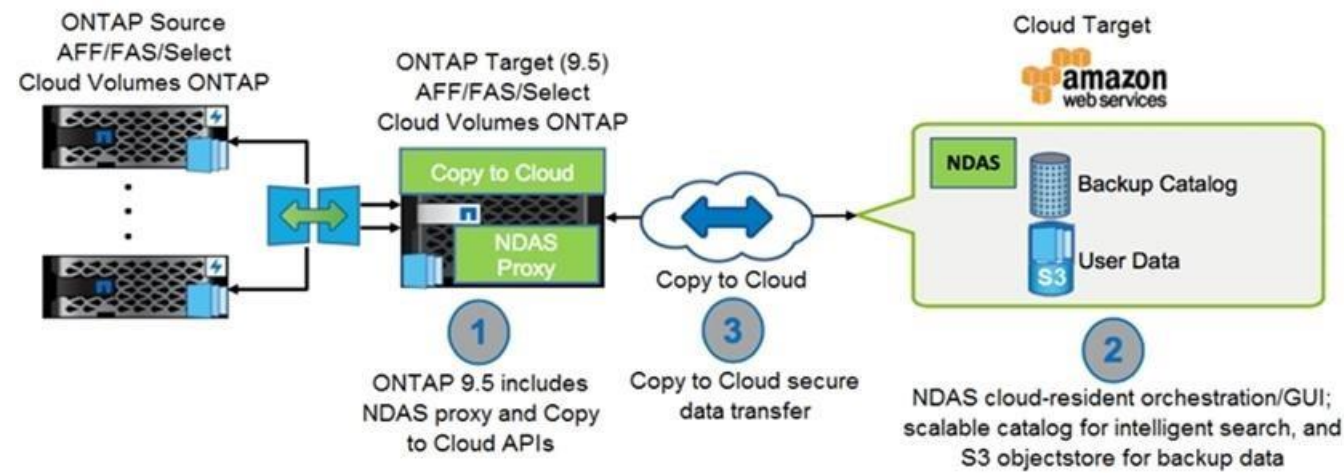
Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
QUESTION 34
Click the Exhibit button.

ONTAP Source AFF/FAS/Select Cloud Volumes ONTAP

ONTAP Target (9.5) AFF/FAS/Select Cloud Volumes ONTAP

Copy to Cloud

NDAS Proxy

Copy to Cloud

Cloud Target

amazon web services

NDAS   Backup Catalog

S3   User Data

1 ONTAP 9.5 includes NDAS proxy and Copy to Cloud APIs

3 Copy to Cloud secure data transfer

2 NDAS cloud-resident orchestration/GUI; scalable catalog for intelligent search, and S3 objectstore for backup data

You have implemented NetApp Data Availability Services (NDAS) as shown in the exhibit.

In this scenario, which two actions occur with the data copies? (Choose two.)

A. Data is copied to the cloud using Intercluster LIFs.
B. Storage efficiency is maintained for all replication.
C. Data is rehydrated when copying to S3.
D. A Linux proxy copies data from ONTAP to AWS.

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35 You are using a NetApp HCI and are asked to perform offsite backups of all data.

Which three targets satisfy this requirement? (Choose three.)

A. Azure Blob
B. Amazon S3
C. Amazon Redshift
D. Element software
E. ONTAP 9.5

Correct Answer: ABE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
An application developer asks you for a new Cloud Volumes Service volume for AWS that supports SMB and NFS access for development and testing purposes.

In this scenario, what should you do to support the developer's request?

A. Provision a new Cloud Volumes Service SMB volume, and select the NFS option.
B. Provision two volumes, one for SMB and one for NFS.
C. Provision a new Cloud Volumes Service NFS volume, and select the SMB option.
D. Provision a new Cloud Volumes Service volume as Dual-protocol.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37 You are the administrator for your IT organization's cloud infrastructure. You need to deploy Cloud Volumes ONTAP to your AWS infrastructure.

In this situation, what is the first tool you need, to deploy Cloud Volumes ONTAP?

A. OnCommand Cloud Manager
B. OnCommand Unified Manager
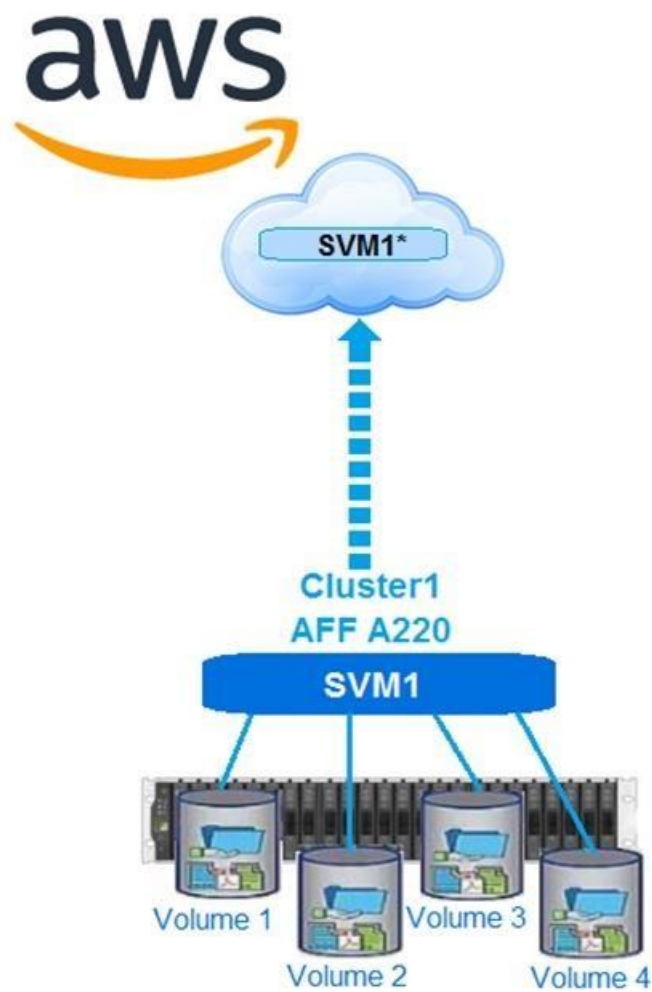C. OnCommand System Manager
D. OnCommand Insight

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38
Click the Exhibit button.

You are asked to replicate the SVM1 to AWS maintaining all storage efficiencies, as shown in the exhibit.

To satisfy this requirement, which product must be deployed?

A. Cloud Backup Service at AWS
B. Cloud Volumes ONTAP for AWS
C. Cloud Volume Service for AWS
D. Cloud Sync in AWS

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39 Why would you want to schedule the shut down and restart of Cloud
Volumes ONTAP?

A. to increase the throughput
B. to lower capacity costs
C. to lower compute costs
D. to earn Azure credits

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
Which two network topologies would support SnapMirror data replication from Cloud Volumes ONTAP for Azure to Cloud Volumes ONTAP for AWS? (Choose two.)

A. Virtual Private Cloud –> AWS Transit Gateway
B. cloud provider –> cloud provider VPN
C. cloud provider –> on-premises –> cloud provider VPN
D. Virtual Private Cloud (VPC) –> Azure Virtual Network (VNET) peering

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
Your storage administrator deployed Cloud Manager in the private subnet of a virtual private cloud (VPC) in an AWS environment. The storage administrator asks you to configure a proxy server address to enable public Internet access to Cloud Manager.

How would you perform this task?

A. Use Cloud Manager's public IP address.
B. Use the transit gateway public IP address.
C. Change the private IP address of Cloud Manager.
D. Use Cloud Manager's private IP address.

Correct Answer: B
Section: (none)
Explanation

QUESTION 42
You are the administrator for your company's public cloud infrastructure. Your Cloud Volumes ONTAP systems are working properly, ensuring that all users can access the data services that the systems provide. Performance and health data is not being reported to NetApp for support. You want to ensure that Cloud Volumes ONTAP can send AutoSupport messages to NetApp.

In this scenario, which routing and firewall policy must be configured to ensure proper access to ActiveIQ?

A. outbound access to HTTP/HTTPS mysupport.netapp.com
B. outbound access to HTTP/HTTPS activeIQ.netapp.com
C. outbound access to SMTP activeIQ.netapp.com
D. bidirectional access to HTTP/HTTPS mysupport.netapp.com

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
You are the administrator of a company's public cloud infrastructure and cloud connected storage system. You provision Windows Server 2019 Azure VMs. You want to configure your cluster to use a traditional Windows cluster and support "Cluster Shared Volumes".
To provision this service, you need to set up the NetApp storage to use which connection protocol?

A. Fiber Channel (FC) connectivity to block-based storage
B. NFS export to a NAS share
C. NVMe connectivity over fabric to block-based storage
D. iSCSI connectivity to block-based storage

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
You have deployed a Cloud Volumes ONTAP Multi Availability Zone HA instance into your AWS account. After deployment, you are unable to connect to the data LIF using NFS, SMB, or iSCSI.

Which configuration setting would you verify to ensure that access to the data LIF is allowed?

A. Network Access Control List
B. Security Group
C. Active Directory permissions
D. Cloud Manager User permissions

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
You deploy a pay-as-you-go instance of Cloud Volumes ONTAP. You have an issue and try to raise a support case with NetApp, but your instance cannot be found.

In this scenario, what caused this problem?

A. Your instance is tagged to an unsupported availability zone.
B. Your instance has not been linked to your NetApp Support account.
C. Your instance naming convention does not meet standards.
D. Your instance does not have AutoSupport enabled.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
Click the Exhibit button.

	STANDARD	PREMIUM	EXTREME
IOPS	4,000 IOPS Per TB (4K IO)	16,000 IOPS Per TB (4K IO)	32,000 IOPS Per TB (4K IO)
Max Read Throughput	16MB per TB	64MB per TB	128MB per TB
Max Write Throughput	16MB per TB	64MB per TB	128MB per TB
Max Capacity Per Volume	100TB	100TB	100TB
Protocols	NFSv3, SMB3	NFSv3, SMB3	NFSv3, SMB3
Encryption (Data at Rest)	✓	✓	✓
Snapshot & Copies	✓	✓	✓

Your customer has chosen Premium Performance Tier on AWS Cloud Volume Services for a database requiring 15,000 IOPS. However, users are reporting that the database performance is very low.

Referring to the exhibit, what should you recommend?

A. Disable Data at Rest Encryption.
B. Change the maximum bandwidth in the Premium Tier.
C. Upgrade to the Extreme Performance Tier.
D. Create a second Premium instance.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
You are deploying Cloud Volume ONTAP HA configuration in multiple Availability Zones in AWS. You want to ensure high availability of your data if a failure occurs. Which

two steps accomplish this task? (Choose two.)

A. Place Node1, Node2, and the Mediator in separate regions.
B. Use OnCommand Systems Manger.
C. Use OnCommand Cloud Manager.
D. Place Node1, Node2, and the Mediator in separate Availability Zones.

Correct Answer: CD
Section: (none)
Explanation

QUESTION 48
You have deployed Cloud Volumes ONTAP into your Azure vNet. However you are unable to access the instance from your on-premises workstation. You verify that the provisioned Network Security Group on the instance is configured to allow access from 0.0.0.0/0.

In this scenario, what would be three reasons for this problem? (Choose three.)

A. There is a restricted Network Security Group on the subnet.
B. There are routing restrictions to the Azure vNet.
C. There is no connectivity to the Azure vNet.
D. There is a restricted Network Security Group on Cloud Manager.
E. There is a Network Security Group on the gateway.

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
Your customer is using Google Cloud Interconnect to access a StorageGRID S3 bucket from applications running in Google Cloud Platform (GCP). From the private cloud router, the customer can ping any instances behind the GCP Virtual Private Cloud (VPC), but the return traffic is not routed correctly. The private cloud gateway has been defined correctly within GCP.

In this scenario, which network setting should be investigated to help your customer solve the issue?

A. the CIDR blocks configured on the Cloud Interconnect
B. the maximum transfer unit (MTU) settings on the private cloud routers
C. the Border Gateway Protocol (BGP) parameters on the private cloud routers
D. the VLAN configuration on the private cloud switches

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
You created a volume with Cloud Volumes Service for AWS for an analytics application. The application using the volume requires maximum performance. You have set the service level to "extreme". All the analysis takes place between 9:00 a.m. and 5:00 p.m.

In this scenario, how would you optimize storage cost?

A. Create a new volume with a lower service level.
B. Use the API to lower the service level of the volume during off-peak hours.
C. Use the built-in sync service to move the volume to another region with lower cost storage.
D. Reduce the capacity of the volume.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51 You have designed and written applications as containers and want to deploy them on a Kubernetes cluster. You want to use Cloud Volumes ONTAP to provide dynamic persistent storage for your Kubernetes cluster.

In this scenario, what will automate this task?

A. Trident
B. Terraform
C. Istio
D. kubectl

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
QUESTION 52 You want to join AWS Cloud Volumes Service to your Active Directory environment.

Which two required fields must be completed to accomplish this task? (Choose two.)

A. Active Directory GPO
B. SMB Version
C. DNS Server IP Address
D. NetBIOS Name

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.netapp.com/us-en/cloud_volumes/aws/media/cvs_aws_ds_smb_setup.pdf (11)

QUESTION 53
Your company has evaluated NetApp SaaS Backup for Microsoft Office 365 with a trial account. In the evaluation period, you used Amazon S3 that was provided by SaaS Backup as the destination for your backup. After evaluation, your company decided to use Bring Your Own Storage (BYOS) as a backup destination. You determine that none of your previous data is showing up.

What caused this problem?

A. When upgrading from trial to licensed, data was not preserved.
B. Upgrading from evaluation to licensed reset your SaaS Backup account.
C. Changing the destination to BYOS did not migrate the data.
D. During the change from evaluation to licensed, the access token expired.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54 Which two advanced SMB features are available with Cloud Volumes ONTAP 9.5?
(Choose two.)

A. credit limits
B. multichannel
C. large MTU
D. workgroup authentication

Correct Answer: BC

QUESTION 55
Click the Exhibit button.

Referring to the exhibit, which compute server instance is able to natively modify file permissions in the "media-plex" share?

A. Ubuntu Server
B. SUSE Linux Enterprise Server
C. Microsoft Windows Server
D. Red Hat Enterprise Linux

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
Click the Exhibit button.

```
Hourly Snapshots to keep: 6
Daily Snapshots to keep: 6
Weekly Snapshots to keep: 2
Monthly Snapshots to keep: 0
```

You have set the Snapshot policy shown in the exhibit on your Cloud Volumes Service for AWS.

On the 30th of the month at 10:00 p.m., how many Snapshot copies do you have?

A. 14
B. 12
C. 2
D. 6

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
An administrator needs to set up a replication policy that uses minimal Snapshot copies at the source and a much larger number of Snapshot versions at the destination.

Using OnCommand Cloud Manager, which policy would enable this requirement?

A. Mirror
B. Backup
C. snapshot
D. retention

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://library.netapp.com/ecm/ecm_download_file/ECMLP26455

QUESTION 58
Click the Exhibit button.

You are provisioning Cloud Volumes ONTAP in AWS with OnCommand Cloud Manager.

Referring to the exhibit, which technology is encrypting the data at rest?

A. NVE
B. KMS
C. NSE
D. AES-NI

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59 You are modifying the service level from
standard to premium.

In this situation, which two Cloud Volumes Service parameters are modified? (Choose two.)

A. megabytes per second
B. IOPS per second
C. disk type
D. capacity per volume

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60 Your customer wants to use FabricPool to save on-premises SSD capacity on a primary AFF A220 running ONTAP 9.5.

In this scenario, what is the cooling period range for cloud tiering?
A. 2 to 63
B. 14 to 93 days
C. 7 to 90 days
D. 1 to 54 days

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference: