Question: 61

A customer's infrastructure consists of multiple ONTAP clusters, both physical and virtual. The clusters replicate some data with each other. You want to generate a comprehensive report of all the replication that is present on the infrastructure.

In this scenario, which tool accomplishes this task?

A. OnCommand System Manager
B. Storage Replication Adapter
C. OnCommand Unified Manager
D. OnCommand Workflow Automation

Answer: A

Explanation:

Question: 62

You have set up a SnapMirror relationship between two SVMs for data protection. The data in the source volume is unavailable due to an event related to a virus infection leading to data corruption.

In this scenario, which three actions are required to activate the SnapMirror destination volume and provide data access to the users? (Choose three.)

A. Perform a SnapMirror quiesce operation.
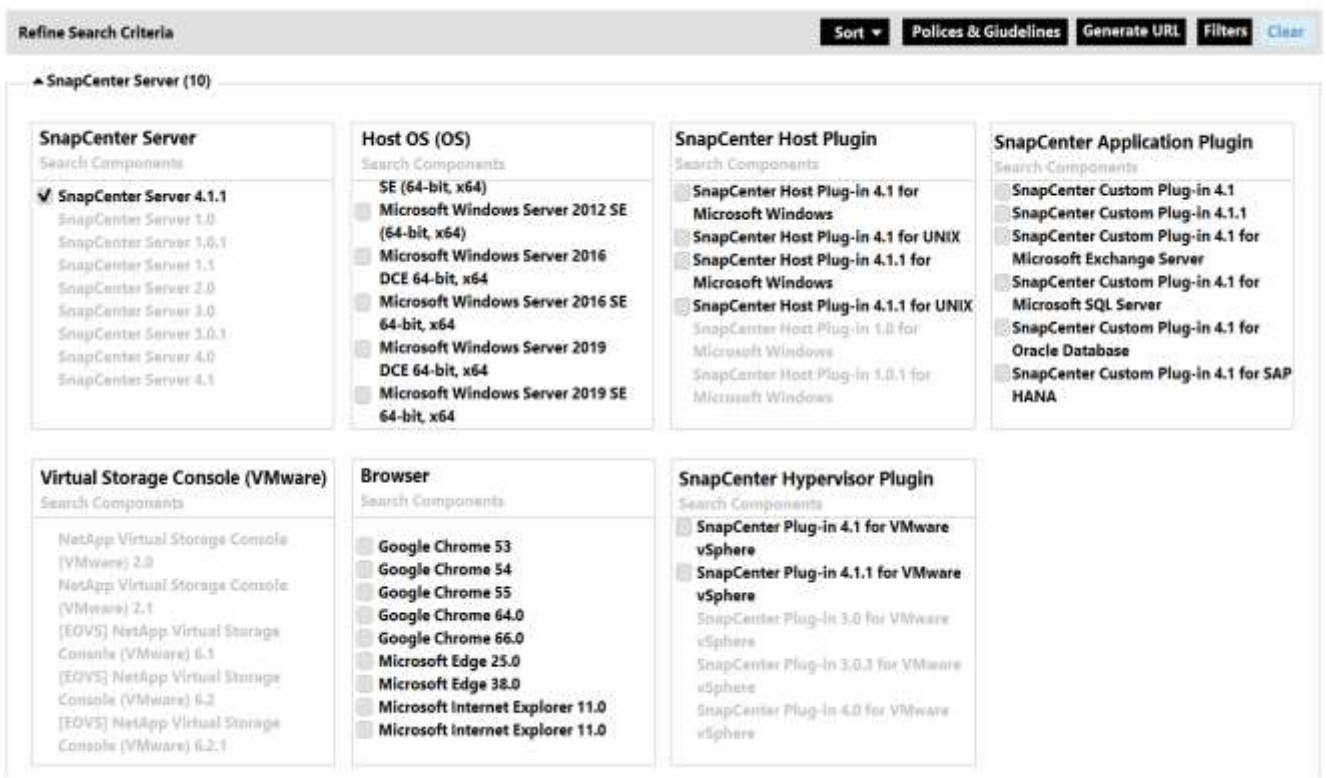B. Disable the source volume by taking it offline.

C. Configure the destination volume for data access.
D. Verify the status of the source and destination volumes.
E. Perform a SnapMirror break operation.

Answer: C,D,E

Explanation:

Question: 63

Click the Exhibit button.

Referring to the exhibit, what two Search Criteria check boxes need to be used to provide a supported solution for protecting Windows Server 2019 DCE 64-bit, x64 host using local NetApp LUNs with SnapCenter Server 4.1.1? (Choose two.)

A. SnapCenter Application Plugin
B. SnapCenter Host Plugin
C. Browser
D. Host OS (OS)

Answer: B,D

Explanation:

Question: 64

You are deploying a mission-critical business application for a healthcare customer that, according to government policies and regulations, requires zero data loss.

In this scenario, which NetApp solution enables you to set up data replication at a volume level to satisfy your business needs?

A. MetroCluster
B. SnapMirror-Synchronous
C. SnapShot Copies
D. SyncMirror

Answer: B

Explanation:

Question: 65

A customer is using SnapMirror to replicate their data to a remote site. They notice that storage efficiency is nor preserved, and the amount of data at the destination is higher than expected.

In this scenario, which configuration in the destination volume would cause this issue?

A. Post process deduplication is enabled on the destination.
B. The volumes are not thin-provisioned on the destination.
C. Post process compression is enabled on the destination.
D. There is an existing FlexClone volume on the destination.

Answer: D

Explanation:

Question: 66

You have deployed volume-level replication with NetApp Synchronous SnapMirror replication technology.

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

A.   In Sync mode, the application I/O fails if the write to the secondary storage is not completed, thereby ensuring that the primary and secondary storage are identical.

B. In StrictSync mode, the application is allowed to continue writing to the primary storage if the write to the secondary storage is not completed.

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C.   In Sync mode, the application is allowed to continue writing to the primary storage if the write to the secondary storage is not completed.

D. In StrictSync mode, the application I/O fails if the write to the secondary storage is not completed, thereby ensuring that the primary and secondary storage are identical.

Answer: C,D

Explanation:

Question: 67

A customer has deployed OnCommand Unified Manager and wants to use it to manage their data protection relationships within their NetApp storage infrastructure.

In this scenario, which additional component must be deployed to satisfy this requirement?

A. OnCommand System Manager
B. NetApp SnapCenter
C. OnCommand Cloud Manager
D. OnCommand Workflow Automation

Answer: D

Explanation:

Question: 68

Click the Exhibit button.

Supported Adapter Cards - FAS9000 (Single Chassis HA Pair (FAS9000A)) 9.5 ONTAP

Priority	Category	Bus Type	Mktg Part No.	Mfg Part No	Description	Optional Module	Supported Speed(s)	Mi
1	NVRAM	IO Module	X93140A	111-03190	NVRAM10 32GB	Not supported		9.1 9.3 9.5
2	Networking	IO Module	X91440A	111-02590	2p 40GbE NIC Cu|Op	OSPF Optional	ETH: 10/40 Gbps	9.1 9.3 9.5
3	Block Access	IO Module	X91135A	111-03789	4p 32Gb FC SFP+Op	SFP+ Included	FC: 8/16/32 Gbps FC-NVMe: 16/32 Gbps	9.3 9.5
4	Block Access	IO Module	X91134A	111-03431	2 p 32Gb FC Op	SFP+ Included	FC: 8/16/32 Gbps FC-NVMe: 16/32 Gbps	9.1 9.3 9.5
5	Performance Acceleration	IO Module	X9170A	111-00421	Flash Cache.1.0TB NVMe, Module	Not supported		9.1 9.3 9.5
6	Performance Acceleration	IO Module	X9172A	108-00423	Flash Cache.4.0TB NVMe, Module	Not supported		9.1 9.3 9.5
7	Block Access	IO Module	X91143A	111-02397	4p 16Gb|10Gb UTA2 Cu|Op	SFP+ Optional	ETH: 1/10 Gbps FC: 4/8/16 Gbps	9.1 9.3 9.5
8	Networking	IO Module	X91143A	111-02397	4p 16Gb|10Gb UTA2 Cu|Op	SFP+ Optional	ETH: 1/10 Gbps FC: 4/8/16 Gbps	9.1 9.3 9.5
9	Networking	IO Module	X91120A	111-02399	4p 10GBASE-T NIC	Not supported	ETH: 1/10 Gbps	9.1 9.3 9.5
10	Storage	IO Module	X91135A	111-03789	4p 32Gb FC SFP* Op	SFP+ Included	FC: 8/16/32 Gbps FC-NVMe: 16/32 Gbps	9.3 9.5
11	Storage	IO Module	X91143A	111-02397	4p 16 Gb|10Gb UTA2 Cu|Op	SFP+ Optional	ETH: 1/10 Gbps FC: 4/8/16 Gbps	9.1 9.3 9.5

A customer needs to add an additional X91143A card into a FAS9000 to allow mirroring between the production system and the disaster recovery FAS9000 platform. Slots 1, 4, 6, 8, and 9 have cards in them.

Referring to the exhibit, in which slot should you install the card?

A. 5
B. 10
C. 3
D. 7

Answer: D

Explanation:

Question: 69

A customer has a 2-node ONTAP Select HA cluster deployed on the same site. The ONTAP Deploy VM has been accidentally deleted. The 2-node ONTAP Select HA cluster is still serving data, but the storage failover capability has been disabled.

In this scenario, what would you do to reestablish the storage failover capability on your cluster?

A. Deploy two ONTAP Deploy VMs and a new 2-node ONTAP Select cluster and then migrate the data.

B. Deploy a secondary ONTAP Deploy VM and restore the 2-node cluster quorum.

C. Deploy two single-node ONTAP Select clusters and migrate all exiting data.
D. Deploy a new 4-node ONTAP Select cluster and distribute data from the existing cluster.

Answer: C

Explanation:

Question: 70

A customer is planning the cloud strategy for their Microsoft SQL databases and must be able to protect them from outages. They are planning on using multiple cloud providers for their solution with their current NetApp storage system.

In this scenario, which two products are required to satisfy their backup management needs? (Choose two.)

A. Cloud Volumes ONTAP
B. SnapCenter
C. CloudSync
D. FlashPool

Answer: A,B

Explanation:

Question: 71

Your customer wants to deploy 40 ONTAP clusters in their environment to protect client databases, Windows host file systems, applications, and virtual machines. One of the primary monitoring and system management requirements is to use a centralized dashboard for all application-consistent backups and REST API integration.

In this scenario, which NetApp management tool satisfies the requirements?

A. Element Manager
B. SnapCenter
C. OnCommand Unified Manager
D. OnCommand System Manager

Answer: B

Explanation:

Question: 72

Your customer wants to implement SVM DR, but the customer is not certain whether the identity-preserve parameter should be enabled. The customer explains that the source and destination clusters are in different network subnets.

In this scenario, which SVM DR solution should the customer use?

A. SVM DR using the identity-preserve parameter disabled and the default SnapMirror policy.
B. SVM DR using the identity-preserve parameter enabled and then administratively take the data LIFs offline on the DR cluster.
C. SVM DR with the identity-preserve parameter enabled and a SnapMirror policy with the discard-configs network parameter.
D. SVM DR with the identity-preserve parameter enabled and the default SnapMirror policy.

Answer: D

Explanation:

Question: 73

Click the Exhibit button.

```
            Source Path: svm1:volume1
       Destination Path: svm2:volume1_1_BK
      Relationship Type: XDR
Relationship Group Type: none
     SnapMirror Schedule: -
  SnapMirror Policy Type: sync-mirror
       SnapMirror Policy: Sync
             Tries Limit: -
       Throttle (KB/sec): unlimited
             Mirror State: Snapmirrored
     Relationship Status: OutOfSync
     Snapshot Checkpoint: -
         Newest Snapshot: snapmirror.6046316
00505689957a_2159386282.2019-04-09_125605
 Newest Snapshot Timestamp: 04/09 12:55:55
        Exported Snapshot: snapmirror.6046316
00505689957a_2159386282.2019-04-09_125605
 Exported Snapshot Timestamp: 04/09 12:55:55
                  Healthy: false
         Unhealthy reason: Transfer failed. (
   Destination Volume Node: cluster1-02
          Relationship ID: ceb5ee6e-5ac6-11e9
      Last Transfer Type: resync
      Last Transfer Size: 9.22KB
Last Transfer Network Compression Ratio: 1:1
  Last Transfer Duration: 0:0:11
      Last Transfer From: svm1:volume1
Last Transfer End Timestamp: 04/09 12:56:06
    Progress Last Updated: -
  Relationship Capability: 8.2 and above
                 Lag Time: 0:0:5
```

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

A. The source volume is available for I/O.
B. A manual re-synchronization is not needed.
C. The source volume is unavailable for I/O
D. A manual re-synchronization is needed.

Answer: C,D

Explanation:

Question: 74

Which two tools would you use to verify that an Oracle database has an application-consistent snapshot taken? (Choose two.)

A. SnapManager for Oracle

B. OnCommand System Manager

C. SnapCenter
D. OnCommand Unified Manager

Answer: A,C

Explanation:

Question: 75

You want to configure peering between two existing ONTAP HA clusters.

In this scenario, which three steps would you perform to accomplish this task? (Choose three.)

A. Create a cluster peering relationship.
B. Create intracluster LIFs.
C. Create intercluster LIFs.
D. Create a SVM peering relationship.
E. Create iSCSI LIFs.

Answer: A,C,D

Explanation:

Question: 76

An administrator notices that a NAS volume has been filled completely by active data and Snapshot copies that have expanded over the Snap reserve. The volume is no longer writable.

In this scenario, which two actions must you take to make the volume writable again? (Choose two.)

A. Delete Snapshot copies until space is available.
B. Delete the files in the active file system.
C. Delete the SnapMirror relationships.
D. Delete the SnapVault relationships.

Answer: A,D

Explanation:

Click the Exhibit button.

⚠️ Node "aff-02" has some LIFs that are not in their home node.

aff-01

✅ Online

| Action ▼ |

aff-02

✅ Online
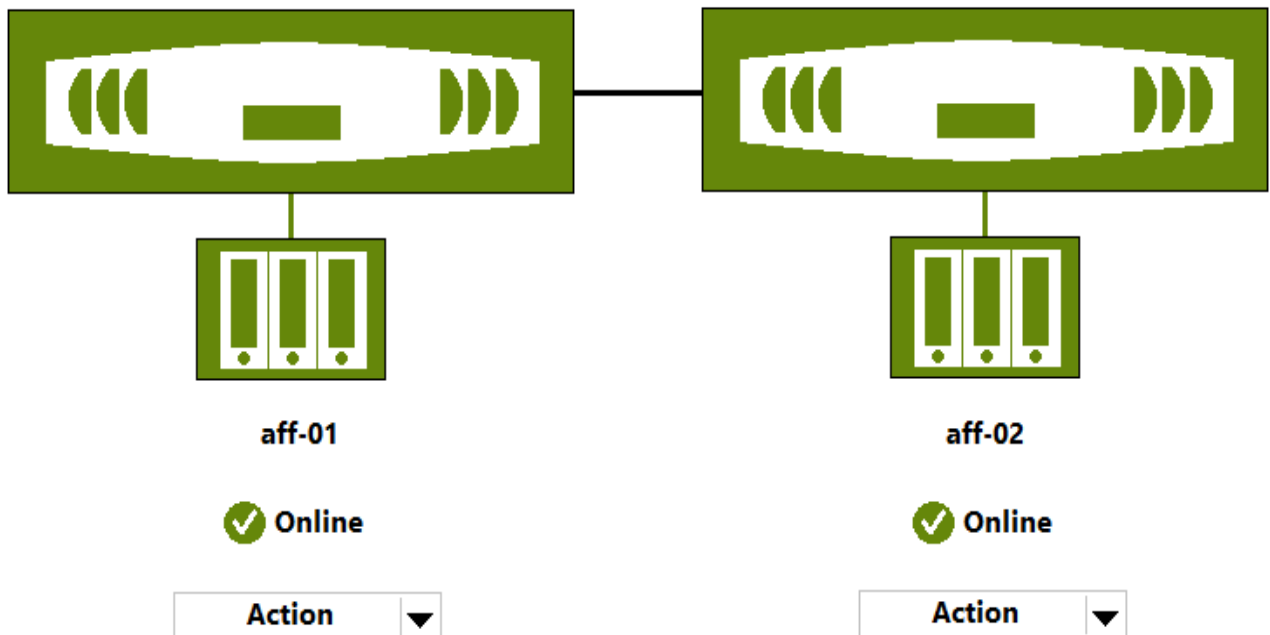
| Action ▼ |

Referring to the exhibit, what must be performed on nodes aff-01 and aff-02 to allow them to failover and giveback properly?

A. Disconnect the HA connection between the nodes.
B. Reboot aff-02 to resolve the LIF issue.
C. No additional action is necessary.
D. Move the LIFs to their home ports.

Answer: D

Explanation:

Question: 78

Click the Exhibit button.

Machine	Storage type
Physical server	FC-connected LUNs
	iSCSI-connected LUNs
	NFS-connected volumes
VMware ESX	RDM LUNs connected by an FC or iSCSI ESXi HBA
	iSCSI LUNs connected directly to the guest system
	VDMKs on VMFS or NFS datastores
	NFS volumes connected directly to the guest syst

A customer is interested in using SnapCenter to support Snapshot copies with their Oracle DB. They virtualized their environment but do not have any block protocols available.

In this solution, which protocol shown in the exhibit is supported?

A. NFS
B. SMB3
C. iSCSI
D. FC

Answer: A

Explanation:

Question: 79

You are creating a SnapVault relationship and have concerns about the available capacity on the destination.

In this scenario, which three factors must you consider when you size the destination volume? (Choose three.)

A. the autogrow settings on the source volume
B. the size of the source volume

C. the number of Snapshot copies to retain on the destination

D. the rate of data increase on the source

E. the number of Snapshot copies to retain on the source

Answer: A,C,E

Explanation:

Question: 80

A customer wants to enforce prompt tiering when the cooling threshold has been reached. They want to do this even though the data may have been deleted or the data continues to exist in the primary file system.

In this scenario, which tiering policy should be used?

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

Answer: A

Explanation:

Question: 81

You need to backup Exchange, MS SQL, and VMware virtual machines with application consistency.

Which tool accomplishes this task?

A. OnCommand System Manager
B. VMware vSphere Web client
C. SnapCenter
D. OnCommand Unified Manager

Answer: C

Explanation:

Question: 82

You are working for a customer that has deployed a large FlexGroup with ONTAP 9.5. This FlexGroup

has a SnapMirror relationship to a system at a disaster recovery site. The FlexGroup is nearly full and needs to be expanded to accommodate additional data.

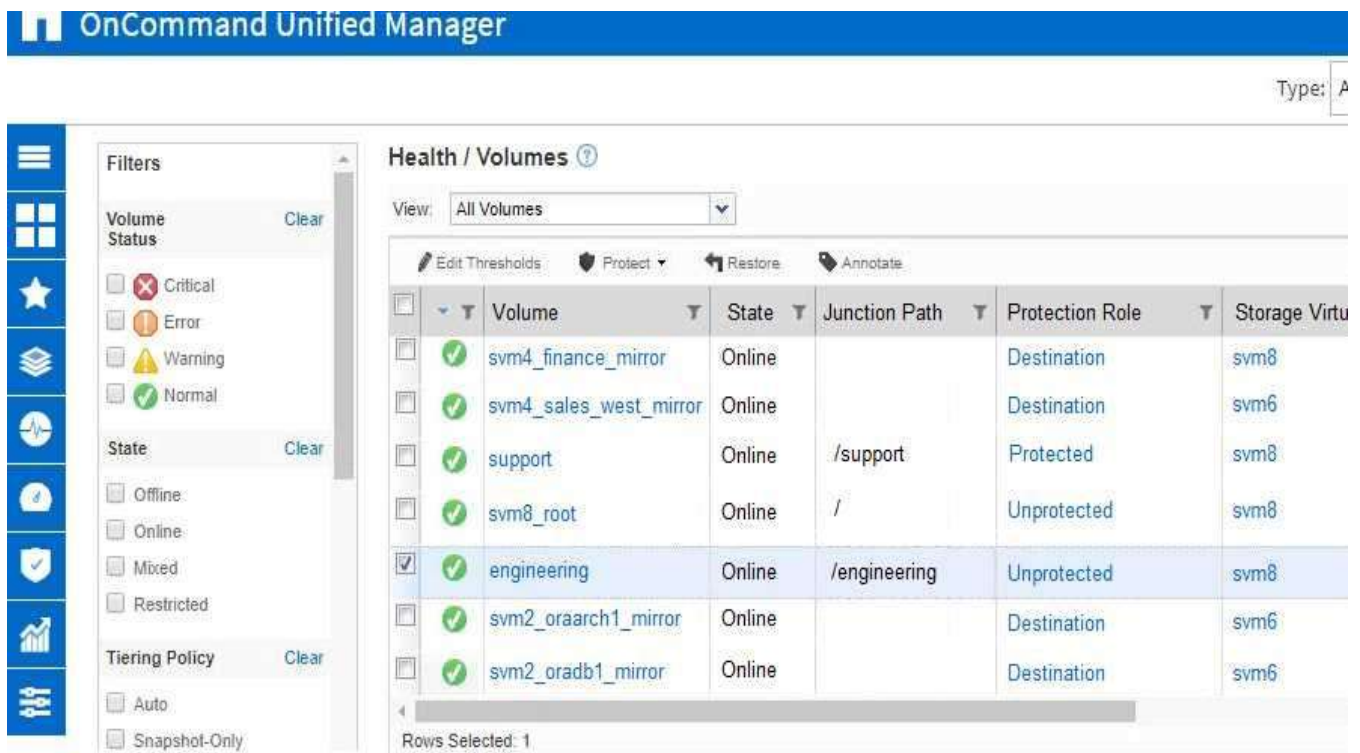In this scenario, what must you do to expand the FlexGroup and ensure that the data remains

protected?

A. Break the SnapMirror relationship, expand the source FlexGroup, and update the SnapMirror.
B. Offline the source FlexGroup, add additional volumes, bring it online, and update the SnapMirror.
C. Expand the source FlexGroup nondisruptively, and update the   SnapMirror.
D. Break the SnapMirror relationship, expand the source FlexGroup, and re-baseline the   SnapMirror.

Answer: D

Explanation:

Question: 83

Click the Exhibit button.

You want to restore a file from the engineering volume that is shown in the exhibit. When you click Restore in OnCommand Unified Manager, there are no files available to restore.

Referring to the exhibit, what caused this problem?

A. The engineering volume is currently online.
B. Workflow Automation is not configured to restore files from Snapshot copies.

C. No Snapshot copies exist for the engineering volume.

D. The engineering volume is unprotected.

Answer: B

Explanation:

Question: 84

A client has a FlexVol volume that is 10 TB in size and is nearly full. The volume has a Snapshot reserve of 5%, that is currently utilized at 120%. They have chosen to enable ONTAP to automatically delete the oldest Snapshot copies with a volume threshold trigger in order to free space within the volume when it becomes necessary.

In this scenario, what amount of space would be made available to the client, without additional intervention?

A. 1000 GB
B. 500 GB
C. 50 GB
D. 100 GB

Answer: A

Explanation:

Question: 85

A customer has ONTAP 9.5 clusters running at two nearby locations. The customer wants a zero RPO for one mission-critical volume.

In this scenario, which two NetApp solutions satisfy this requirement while using the existing ONTAP clusters? (Choose two.)

A. SnapMirror Synchronous in StrictSync mode
B. FabricPool
C. SnapMirror Synchronous in Sync mode
D. SyncMirror

Answer: A,C

Explanation:

Question: 86

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A customer wants to assign a user to a build-in SnapCenter RBAC Role that will allow them to review and start existing SnapMirror processes only.

In this scenario, which Role will allow the customer to accomplish this task?

A. App Backup and Clone Admin
B. Infrastructure Admin
C. Backup and Clone Viewer
D. SnapCenter Admin

Answer: D

Explanation:

Question: 87

When you configure a SnapLock feature, where should the ComplianceClock be initialized?

A. on each aggregate that hosts a SnapLock volume
B. on each SVM that hosts a SnapLock volume
C. on each node that hosts a SnapLock aggregate
D. on all the nodes of the cluster

Answer: C

Explanation:

Question: 88

A volume on a FabricPool-enabled aggregate is consuming 10 TB of the performance tier and 90 TB of the cloud tier. A SnapMirror copy needs to be created on a FabricPool-enabled peer cluster at a disaster recovery location.

In this scenario, how much data is transferred when the SnapMirror relationship is initialized?

A. 100 TB
B. 200 TB
C. 10 TB
D. 90 TB

Answer: A

Explanation:

Question: 89

Click the Exhibit button.

SnapShot Name	SnapShot Time	SnapShot Delta
Nightly.0	12:05 am	5 GB
Hourly.0	10:00 pm	10 GB
Hourly.1	6:00 pm	25 GB
Hourly.2	2:00 pm	10 GB
Hourly.3	10:00 am	25 GB
Hourly.4	6:00 am	5 GB

A client has a SnapMirror relationship between two sites that is scheduled to run once a day at 12:15 a.m. They have a network connection between two sites that provides 100 Mbps on bandwidth. By performing the backup at this time, they can maximize their bandwidth use.

Referring to the exhibit, how long does the SnapMirror update take to finish?

A. one hour
B. four hours
C. three hours
D. two hours

Answer: D

Explanation:

Question: 90

A customer has developed a new application that uses Oracle with an AFF system to help track all of their shipping trucks around the world. The customer wants to ensure that application-consistent backups are offloaded to the cloud.

In this scenario, which two solutions enable the customer to satisfy these requirements? (Choose two.)

A. FabricPool
B. Flash Pool
C. SnapCenter
D. FlexClone

Explanation: