

DEA-1TT4^{Q&As}

Information Storage and Management v4 exam

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QUESTION 1

Why is it important for organizations to store, protect, and manage their data?

- A. Reduce the amount of data to be replicated, migrated, and backed up.
- B. Rapidly develop and deploy modern applications for business improvement.
- C. Develop new business opportunities by leveraging existing data.
- D. Reduce the complexity in managing the data center environment.

Correct Answer: C

QUESTION 2

A backup administrator has defined a backup policy. The policy requires full backups to be performed at 10 PM every Sunday and incremental backups performed at 10 PM the remaining days. If files were accidentally deleted Wednesday morning, how many backup copies are required to restore the files?

- A. 2
- B. 3
- C. 4
- D. 5

Correct Answer: A

QUESTION 3

Why is it important to deploy virtual machine (VM) storage migration in a data center environment?

- A. Enable efficient management of storage capacity across storage systems
- B. Improve the security of applications running inside VMs on the migrated storage system
- C. Reduce a company's overall storage system capacity requirements
- D. Enable VMs to continue functioning even if the source data is lost due to a failure

Correct Answer: A

QUESTION 4

DRAG DROP

In a recovery operation, what is the correct sequence of steps after the backup client sends a restore request to the

backup server?

Select and Place:

Storage node sends the restored metadata to the backup server	STEP 1
Data is read and then sent to the backup client	STEP 2
Backup server scans the backup catalog to identify the data to be restored and the client that will receive the data	STEP 3
Backup server updates the backup catalog	STEP 4
Backup server instructs the storage node to load the backup media in the backup device	STEP 5

Correct Answer:

	Backup server instructs the storage node to load the backup media in the backup device
	Backup server scans the backup catalog to identify the data to be restored and the client that will receive the data
	Storage node sends the restored metadata to the backup server
	Data is read and then sent to the backup client
	Backup server updates the backup catalog

QUESTION 5

What is a characteristic of the Orchestration layer in a modern data center architecture?

- A. Interacts directly with physical components across layers to begin provisioning tasks
- B. Enables automatic updates of offerings listed in the service catalog with pre-defined workflows
- C. Allows centralized, automated, and policy-driven management of heterogeneous resources
- D. Enables automated arrangement, coordination, and management of resource provisioning tasks

Correct Answer: D

Reference: <https://www.bmc.com/blogs/it-orchestration-vs-automation-whats-the-difference/>

QUESTION 6

An Ethernet switch has eight ports and all ports must be operational for 24 hours; from Monday through Friday. However, a failure of Port 5 occurs as follows: Tuesday = 6 AM to 7 AM

Thursday = 5 PM to 9 PM

Friday = 8 AM to 9 AM

What is the MTBF of Port 5?

- A. 30 hours
- B. 32 hours
- C. 40 hours
- D. 38 hours

Correct Answer: C

Reference: <https://www.sqconline.com/mtbf-calculator-results>

QUESTION 7

What is an accurate statement about variable prefetching?

- A. Many blocks that have recently been written to storage by the compute system are retrieved and placed in cache.
- B. Many non-contiguous blocks that are not currently required can be retrieved from cache in advance.
- C. Storage system prefetches data in multiples of the original I/O request size from the compute system.
- D. Storage system prefetches many non-contiguous blocks of data, with varied sizes, from cache.

Correct Answer: D

QUESTION 8

What is a function of the metadata service in an object-based storage device (OSD)?

- A. Generates the file system namespace from the file contents.
- B. Manages both physical and logical disks on which the user data is stored.
- C. Manages the storage space for all remote clients.
- D. Maintains the object IDs and file system namespace mappings.

Correct Answer: D

QUESTION 9

What is an example of a Performance Management task?

- A. Selecting an appropriate RAID type for a storage pool.
- B. Removing unused resources from a service and reassigning them to another.
- C. Scanning applications and databases to identify vulnerabilities.
- D. Planning and architecting data backup and replication solutions.

Correct Answer: B

QUESTION 10

Which Dell EMC product creates a server and IP-based SAN from direct-attached server storage to deliver flexible and scalable performance and capacity on demand?

- A. PowerMax
- B. VxFlex OS
- C. ViPR Controller
- D. XtremIO

Correct Answer: B

Reference: https://www.dellemc.com/mk-mk/collaterals/unauth/white-papers/products/ready-solutions/h17332_dellemc_vxflex_os_networking_best_practices.pdf

QUESTION 11

Which Dell EMC product is a disk-based backup and recovery solution that provides inherent source-based deduplication?

- A. Data Domain
- B. SRDF
- C. TimeFinder
- D. Avamar

Correct Answer: D

Reference: <https://www.dellemc.com/en-us/collaterals/unauth/technical-guides-support-information/products/networking-4/docu85224.pdf>

QUESTION 12

In an archiving environment, how is a content address created in a content addressable storage (CAS) system to store

an object?

- A. From the metadata of an object.
- B. By using the logical address of the memory space.
- C. From the binary representation of an object.
- D. By using the physical address of the storage device.

Correct Answer: C

QUESTION 13

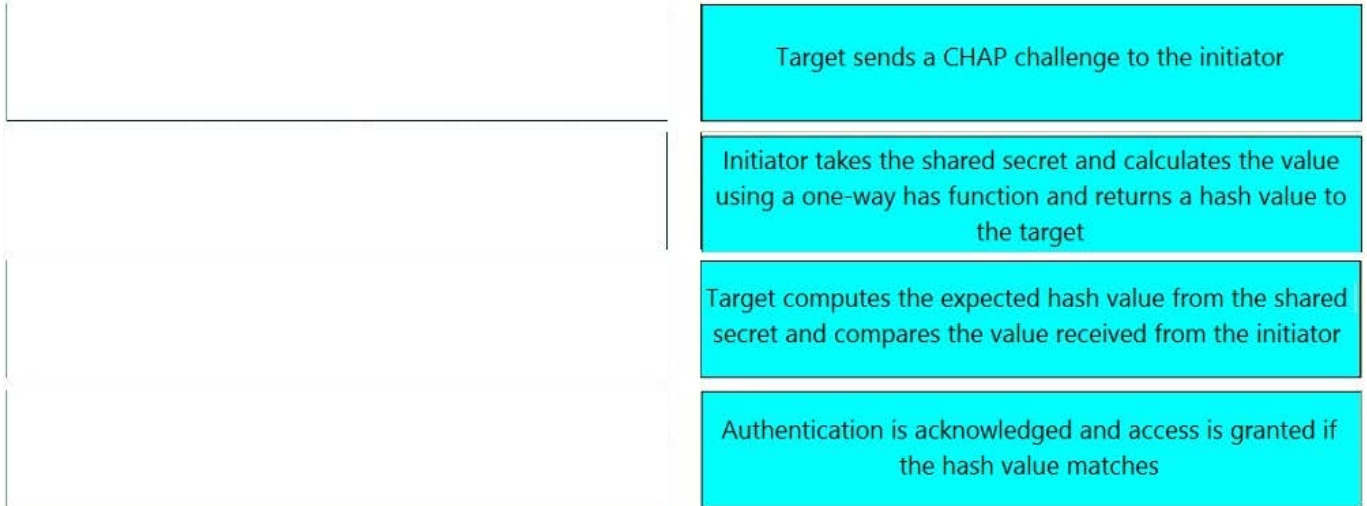
DRAG DROP

What is the correct sequence of steps to authenticate an initiator and a target using one-way Challenge Handshake Authentication Protocol (CHAP) after the initiator performs a login to the target?

Select and Place:

Initiator takes the shared secret and calculates the value using a one-way has function and returns a hash value to the target	STEP 1
Authentication is acknowledged and access is granted if the hash value matches	STEP 2
Target sends a CHAP challenge to the initiator	STEP 3
Target computes the expected hash value from the shared secret and compares the value received from the initiator	STEP 4

Correct Answer:



Reference:

https://books.google.com.pk/books?id=tPLBUi8JSogCandpg=PA357andlpg=PA357anddq=initiator+takes+the+shared+secret+and+calculates+the+value+using+a+one+way+has+function+and+return+a+hash+value+to+the+targetandsource=blandots=HIHg70jCh3andsig=ACfU3U19dz4gIF9nvPh_uLbkoEojyrKlsgandhl=enandsa=Xandved=2ahUKEwjMp_PP1uTrAhWZA2MBHX0IBv8Q6AEwBnoECAoQAQ#v=onepageandq=Takes%20shared%20secret%20and%20calculates%20value%20using%20a%20oneway%20hasandf=false (figure 14-10)

QUESTION 14

In a compute-based storage area network (SAN), what is a function of the metadata manager?

- A. Holds cluster-wide mapping information and load balancing in a compute-based SAN.
- B. Performs the I/O operations on the local storage of a compute system as requested by a client.
- C. Provides an interface to the software-defined storage controller.
- D. Controls all data read and write operations in a compute-based SAN.

Correct Answer: A

QUESTION 15

Which exhibit represents a Type 1 hypervisor?

- A.
- B.
- C.
- D.

Correct Answer: A

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