



# DES-1D12<sup>Q&As</sup>

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### QUESTION 1

Which encryption algorithm is used for SMB shares on Dell EMC Unity?

- A. AES-CCM
- B. AES128-GCM
- C. AES-CMAC
- D. HMAC-SHA256

Correct Answer: B

This provides improved security and encryption traffic performance for SMB3 by changing the encryption algorithm from AES-CCM-128 to AESGCM-128. Page 40 :<https://www.delltechnologies.com/en-zm/collaterals/unauth/white-papers/products/storage/h15572-dell-emc-unity-nas-capabilities.pdf>

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### QUESTION 2

A company has a Dell Unity XT 880 at its Boston site providing file storage for a business production application. The company has a second remote site 8 km (5 mi) away in Cambridge. A third site is in New York (342 km (213 mi) from the Boston site).

How can the same production data be protected against system outage with a zero RPO and a maximum of 15 minutes RPO data recovery?

- A. Synchronous replicate from Boston to Cambridge Asynchronous replicate from Boston to New York
- B. Synchronous replicate from Boston to Cambridge Synchronous replicate from Boston to New York
- C. Asynchronous replicate from Boston to Cambridge Asynchronous replicate from Cambridge to New York
- D. Synchronous replicate from Boston to Cambridge Synchronous replicate from Cambridge to New York

Correct Answer: B

Synchronous replication will provide a zero RPO as all data is written to both the primary and secondary storage at the same time, which means any data written to the primary storage will be instantly available on the secondary storage. This configuration will ensure that the data is protected against system outage, and in case of any failure, the recovery time will be a maximum of 15 minutes as the data is already replicated to the secondary site.

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### QUESTION 3

Recent legislation requires a government customer to enhance data security by utilizing D@RE with SED drives and use Level 3 certified security. Which KMS product should be recommended for use with Dell EMC SC Series arrays?

- A. Dell EMC CloudLink
- B. StorSecure StorMagic



- C. Gemalto SafeNet K460
- D. Thales Vormetric VTE

Correct Answer: C

Reference: [https://downloads.dell.com/manuals/all-products/esuprt\\_solutions\\_int/esuprt\\_solutions\\_int\\_solutions\\_resources/s-solution-resources\\_white-papers108\\_en-us.pdf](https://downloads.dell.com/manuals/all-products/esuprt_solutions_int/esuprt_solutions_int_solutions_resources/s-solution-resources_white-papers108_en-us.pdf) (9)

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#### QUESTION 4

What is the recommended option when configuring Dell EMC PowerStore nodes for High Availability?

- A. Active/Active
- B. Active/Passive with AULA
- C. Synchronous Replication
- D. Active/Passive

Correct Answer: A

Reference: <https://www.delltechnologies.com/asset/en-us/products/storage/industry-market/h18157-dell-emc-powerstore-clustering-high-availability.pdf>

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#### QUESTION 5

Which NAS protocols does Dell PowerStore support?

- A. FTP, SMB, NFSv2, NFSv3, and FTPS
- B. FTPS, SMB, NFSv3, NFSv4, and FTP
- C. SMB, NFSv3, NFSv4p, FTP, and SFTP
- D. NFSv4, SMB, S3, FTP, and SFTP

Correct Answer: C

Dell PowerStore supports a variety of NAS protocols to provide file access to clients. These protocols include:

SMB (Server Message Block): This protocol is used to provide file and printer sharing on Windows-based systems.

NFSv3 (Network File System version 3): This is a standard protocol used to provide file access on UNIX-based systems.

NFSv4 (Network File System version 4): This is the latest version of the NFS protocol and it provides enhanced security and improved performance over previous versions.

FTP (File Transfer Protocol): This is a standard protocol used to transfer files between computers over a network.

SFTP (Secure File Transfer Protocol): This is an extension of the FTP protocol that provides secure file transfer using



SSH (Secure Shell) encryption.

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