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IBM Spectrum Protect V8.1.9 Administration

IBM C1000-082

Version Demo

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QUESTION NO: 1

Which command defines or deletes all drives and their paths for a single library in one step?

- A. PERFORM LIBACTION with SANDISCOVERY=ON
- B. AUDIT LIBRARY with AUTODISCOVERY=ON
- C. DEFINE DRIVE with AUTODETECT=ON
- D. DEFINE LIBRARY with SANDISCOVERY=ON

ANSWER: A

Explanation:

According to the IBM Spectrum Protect documentation¹, one command that defines or deletes all drives and their paths for a single library in one step is PERFORM LIBACTION with SANDISCOVERY=ON. This command performs a SAN discovery operation on a SCSI or VTL library and automatically defines or deletes all drives and paths that are associated with the library.

<https://www.ibm.com/docs/en/spectrum-protect/8.1.7?topic=commands-define-drive-define-drive-library>

QUESTION NO: 2

How can an administrator be designated as an approval administrator?

- A. update the admin with the CMDAPPROVER=YES option
- B. update the list of the admins in the set COMMANDAPPROVAL command
- C. issue the command SET APPROVERSREQUIREAPPROVAL=ALL
- D. issue the command GRANT APPROVERSANDMINS=ALL

ANSWER: C D

Explanation:

According to IBM's documentation¹, server-side deduplication is the process of removing redundant data during a backup operation on the server system. Server-side deduplication is especially effective when you want to conserve disk space on the server storage pools.

To optimize the performance of server-side deduplication, two items that should be examined are:

QUESTION NO: 3

What is required on the IBM Spectrum Protect Server to accept data from IBM Spectrum Protect Plus?

- A. the Operations Center
- B. the S3 consolidation pool
- C. the deduplication cache
- D. the object agent

ANSWER: D

Explanation:

[According to IBM Spectrum Protect Plus overview1](#), you need the object agent to accept data from IBM Spectrum Protect Plus. [The object agent is a component of IBM Spectrum Protect that enables you to back up and restore data on cloud object storage devices1](#). [You also need to configure the offload settings on IBM Spectrum Protect Plus and create an S3 consolidation pool on IBM Spectrum Protect2](#). [For more details, you can refer to the IBM Spectrum Protect V8.1.9 documents345](#).

QUESTION NO: 4

What are three required components of an IBM Spectrum Protect server?

- A. archive log failover
- B. database
- C. archive log
- D. active log mirror
- E. directory-container storage pool
- F. instance directory

ANSWER: B D F

Explanation:

[According to the IBM Documentation1](#), three required components of an IBM Spectrum Protect server are:

<https://www.ibm.com/docs/en/spectrum-protect/8.1.9?topic=servers-whats-new>

QUESTION NO: 5

Which three processes can be in order to prepare for Disaster Recovery?

- A. protect storage pool
- B. reclamation
- C. node replication

- D. expiration
- E. migrate node
- F. backup storage pool

ANSWER: A C F

Explanation:

[According to the IBM Spectrum Protect documentation1](#), three processes that can be used to prepare for disaster recovery are:

QUESTION NO: 6

Which two items should be examined for optimal performance prior to implementing server-side deduplication on a large IBM Spectrum Protect server?

- A. the server option DEDUPQUIRESBACKUP no has been specified
- B. the optimal deduplication algorithm has been selected
- C. the storage for the database provides sufficient IOPS
- D. the server has sufficient memory
- E. the available LAN bandwidth is adequate

ANSWER: C D

Explanation:

[According to the IBM Spectrum Protect documentation1](#), server-side deduplication is a process that eliminates duplicate data blocks on the server during backup operations.

Therefore, two items that should be examined for optimal performance prior to implementing server-side deduplication on a large IBM Spectrum Protect server are:

QUESTION NO: 7

Which option should be specified when configuring a storage agent for optimal LAN-free backup and restore performance?

- A. IANFREECOMMMETHOD SHARED MEM
- B. ENABLELANFREE SHMMEM
- C. LANFREESHM YES
- D. LANFREESSL SHARED MEM

ANSWER: C

Explanation:

According to the IBM Spectrum Protect™ and Spectrum Scale™ Integration Guide¹, one option that should be specified when configuring a storage agent for optimal LAN-free backup and restore performance is LANFREESHM YES. This option enables the use of shared memory for communication between the storage agent and the server, which can improve throughput and reduce CPU usage.

<https://community.ibm.com/community/user/storage/blogs/nils-haustein1/2020/02/29/lan-free-backup-ibm-spectrumscale>

QUESTION NO: 8

Which three parameters are required to set server-to-server communication?

- A. low level address
- B. admin name
- C. server certificate
- D. admin password
- E. server password
- F. high level address

ANSWER: A E F

Explanation:

[According to IBM documentation1](#), to define a server for server-to-server communications, you need to use the DEFINE SERVER command and specify three parameters: SERVERNAME, HLADDRESS, and LLADDRESS. The SERVERNAME parameter is the name of the server that you are defining. The HLADDRESS parameter is the high-level address of the server that you are defining. The LLADDRESS parameter is the low-level address of the server that you are defining.

QUESTION NO: 9

What is indicated when a security notification is displayed in the Operations Center?

- A. a possible ransomware attack
- B. a restricted command has been issued and needs approval
- C. an SSL/TLS failure
- D. too many incorrect login attempts

ANSWER: C

Explanation:

[According to IBM Spectrum Protect V8.1.9 documentation1](#), a security notification is displayed in the Operations Center [when an SSL/TLS failure occurs2](#). SSL/TLS is a protocol that can secure communications between the Operations Center

and the hub server, and between the hub server and associated spoke servers. If SSL/TLS fails, it might indicate a network problem or a security breach.

The other options are not valid reasons for displaying a security notification in the Operations Center. [A possible ransomware attack would trigger an alert notification, not a security notification3.](#) [A restricted command does not need approval, but it is logged in the audit log for review1.](#) [Too many incorrect login attempts would result in locking out the user account, not displaying a security notification1.](#)

QUESTION NO: 10

What is the default value for collocation defining a primary sequential storage pool?

- A. group
- B. node
- C. yes
- D. filespace

ANSWER: A

Explanation:

This means that, by default, files from different clients are grouped together in storage pool volumes to optimize space utilization. This information is available in the IBM Spectrum Protect for AIX [\[1\]](#): Administrator's Reference, which is one of the official documentation resources for this product.

<https://www.ibm.com/docs/en/spectrum-protect/8.1.14?topic=storage-optimizing-operations-by-enabling-collocation-client-files>