C9060-509^Q&As

IBM Tivoli Storage Manager V7.1 Fundamentals

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QUESTION 1

What is meant by the archive option, RETVER=365?

A. Retain archive data for 365 days.

B. Retain 365 archive versions of this file.

C. Retain 365 backup versions of this file.

D. Migrate the file back to the customer\\'s server after 365 days.

Correct Answer: A

Explanation: You can control the period for which migration copies are stored in Tivoli Storage Manager storage. If you accept the installed-default data management policy, migration copies can be deleted from Tivoli Storage Manager storage in one year.

RETVer determines the number of days to retain a migration copy.

When the retention period specified by RETVer ends, the Tivoli Storage Manager server marks the file for deletion.

Reference: IBM Tivoli Storage Manager HSM for Windows,, Configuring the retention period of migration copies

QUESTION 2

What is the purpose of a copy storage pool?

A. to provide temporary space for reclamation

B. to provide protection for data in primary pools

C. to provide the storage space needed to back up a client

D. to store a copy of the IBM Tivoli Storage Manager database

Correct Answer: B

Explanation: BACKUP STGPOOL (Back up primary storage pool to copy storage pool) Use this command to back up primary storage pool files to a copy storage pool.

QUESTION 3

Which product assists in creating fast application-aware backups and restores for hardware point-in-time copies?

A. IBM Tivoli Storage Manager Enterprise Edition

B. IBM Tivoli Data Protection Manager for Storage

C. IBM Tivoli Storage Manager Snapshot Manager

D. IBM Tivoli Storage Manager FlashCopy Manager

Correct Answer: D

Explanation: IBM Tivoli Storage FlashCopy Manager uses the copy services capabilities of intelligent disk subsystems to create point-in-time copies. These are application aware copies (FlashCopy or snapshot) of the production data. This copy is then retained on disk as backup allowing for a fast restore operation (Flashback).

Reference: Storage FlashCopy Manager, Installation and User\\'s Guide for AIX

QUESTION 4

What is meant by the server option Dedup Requires Backup?

A. The client must back up deduplicated data.

B. Only copy storage pools can be enabled for deduplication.

C. The database must be backed up prior to deduplication taking place.

D. The duplicated data will be freed after a successful storage pool backup is run.

Correct Answer: D

Explanation: The DEDUPREQUIRESBACKUP option specifies whether volumes in primary sequential-access storage pools that are set up for deduplication can be reclaimed and whether duplicate data can be discarded before the storage pools are backed up.

QUESTION 5

What does the message ANR***W format indicate?

A. This is a client warning message.

B. This is an informational message.

C. This message was posted Wednesday.

D. This is a Tivoli Storage Manager server warning message

Correct Answer: D

Explanation: Server ANR messages list. Examples:

ANR0107W: Source file(line number): Transaction transaction ID was not committed due to an internal

error.

ANR0115W: The server script script name attempted to start more parallel commands than are allowed for

a single script. A single script is limited to parallel command limit parallel commands.

ANR0116W: The server script script name attempted to start more parallel commands than are allowed for

the server. The server is limited to parallel command limit parallel commands.

QUESTION 6

What can be done so that a data center can maintain highly available restore and recovery capabilities across data centers?

A. Use node replication.

B. Use active-data pools.

C. Put the storage pools on shared SAN volumes.

D. Use Disaster Recovery Manager to automate a server rebuild if needed.

Correct Answer: D

Explanation: The Disaster Recovery Manager (DRM) The TSM (Tivoli Storage Manager) Disaster Recovery Manager is a feature that is included with TSM Extended Edition and it is the part of the TSM application that can be used to assist with the management of off-site disaster recovery.

Reference: A Brief Introduction to IBM Tivoli Storage Manager Disaster Recovery Manager

QUESTION 7

Which IBM Tivoli Storage Manager processes control the amount of data stored in primary storage pools?

A. Expiration, migration, reclamation

B. Expiration, movedata, removedata

C. Migration, reclamation, movemedia

D. Reclamation, movenodedata, removedata

Correct Answer: C

Explanation: * Access mode:

Defines access to volumes in the storage pool for user operations (such as backup and restore) and

system operations (such as reclamation and server migration).

* Server processes can move files within the volumes in the storage pool.

QUESTION 8

What happens to data that is scheduled to be archived if there is no archive copy group in the management class?

A. The archive fails.

B. The archive retention grace period of 90 days is used.

C. The archive retention grace period of 365 days is used.

D. The default backup copy group setting Retain Only is used.

Correct Answer: C

Explanation: * . If you do not specify a management class, Tivoli Storage Manager uses the management class in the active policy set specifying the longest retention period.

* The archive copy of the file managed by the grace period is retained in server storage for the number of days specified by the archive retention grace period. This period starts from the day on which the file is first archived. For example, if the archive retention grace period for the policy domain STANDARD is used, an archive copy expires 365 days from the day the file is first archived.

QUESTION 9

What describes recalled files that are in resident state in relationship to space management?

A. The file is in memory on the client.

B. The file is moved to the storage pool type=backup.

C. The migrated copy in the storage pool is expired at the next reconciliation.

D. The file is not deleted in the migrated copy in IBM Tivoli Storage Manager storage.

Correct Answer: C

Explanation: If you modify a recalled file, it becomes a resident file. The next time your file system is reconciled, the space monitor daemon marks the stored copy for expiration.

QUESTION 10

Which two types of operations are available on the IBM Tivoli Storage Manager Backup- Archive GUI?

A. update policies

B. restore inactive files

C. backup selected files

D. update TSM client schedules

E. control migration and recall of files

Correct Answer: CD

Explanation: C: Use a selective backup when you want to back up specific files or directories regardless of whether a current copy of those files exists on the server

D: With client scheduling, you can perform the following tasks:

*

Display information about available schedules.

*

Display information about work that the schedule has completed.

*

Modify scheduling options in the client options file (dsm.opt).

Reference: Storage Manager for Windows Backup-Archive Clients

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QUESTION 11

What additional level of security can be used during the transfer of data from client and server?

A. encryption

B. compression

C. deduplication

D. data shredding

Correct Answer: A

Explanation: You can encrypt the data as well.

QUESTION 12

What is the result when the migrate process moves data from a deduplicated pool to a non- deduplicated pool?

A. The migration process fails.

B. The target pool is marked as deduplicated.

C. The data is reconstituted on the target pool.

D. The data in both storage pools is reconstituted.

Correct Answer: B

Explanation: * Data deduplication in Tivoli Storage Manager is a two-phase process. In the first phase, the server identifies the duplicate data in the storage pool. As volumes in the storage pool are filled, data becomes eligible for duplicate identification. A volume does not have to be full before duplicate identification starts. In the second phase, duplicate data is removed by any of the following processes:

Reclaiming volumes in the primary-storage pool, copy-storage pool, or active-data pool Backing up a primary-storage pool to a copy-storage pool that is also set up for deduplication Copying active data in the primary-storage pool to an active-data pool that is also set up for deduplication Migrating data from the primary-storage pool to another primary-storage pool that is also set up for deduplication Moving data from the primary-storage pool to a different primary-

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storage pool that is also set up for deduplication, moving data within the same copy-storage pool, or moving data within the same active-data pool

QUESTION 13

Which IBM Tivoli Storage Manager (TSM) V7.1 component provides a general overview of the status of the TSM server and clients?

A. TSM Manager

B. Operations Center

C. IBM Tivoli Monitoring agent

D. Integrated Storage Console

Correct Answer: B

Explanation: The Operations Center is IBM\\'s next-generation graphical user interface for Tivoli Storage Manager. It provides advanced end-to-end visibility of the entire backup environment. Over time, IBM plans to add more control and automation capabilities, which will dramatically simplify daily management and operational tasks for a wide range of users. Incorrect: Not A: IBM Tivoli Storage Manager is a client and server program that provides storage management solutions to customers in a multi-vendor computer environment. IBM Tivoli Storage Manager provides an automated, centrally scheduled, policy-managed backup, archive, and space-management facility for file servers and workstations. Not D: No such thing as an Integrated Storage Console.

QUESTION 14

What is compatible with client-side deduplication?

A. SSL

B. NDMP

C. encryption

D. LAN-free backup

Correct Answer: B

Explanation: When you configure client-side data deduplication, the following requirements must be met:

*

The client and server must be at version 6.2.0 or later.

*

(not D) Client-side deduplication cannot be used in combination with LAN-free backups.

*

(not C) Files that are intended for deduplication must not be encrypted. Encrypted files and files from

encrypted file systems cannot be deduplicated.

Etc.

QUESTION 15

A storage pool contains backup data from several clients and has collocation by node enabled. If collocation is disabled by setting collocation to No, what is the immediate effect on files already stored in the storage pool?

A. There is no immediate effect on files that are already stored.

B. A reclamation process is immediately started to remove the collocated files.

C. All collocated backup data is deleted, and clients are required to perform a full backup.

D. A migration process is automatically started to move the collocated files to the copy pool.

Correct Answer: A

Explanation: After you define a storage pool, you can change the collocation setting by

updating the storage pool. The change in collocation for the pool does not affect files that are already stored in the pool.

Note:

*

When collocation is disabled, the server attempts to use all available space on each volume before selecting a new volume.

*

With collocation enabled, the server attempts to keep files belonging to a group of client nodes, a single client node, or client file space on a minimal number of sequential access storage volumes. You can set collocation for each sequential access storage pool when you define or update the pool.

By using collocation, you can reduce the number of volume mounts required when users restore, retrieve, or recall a large number of files from the storage pool. Collocation thus reduces the amount of time required for these operations.