



**Vendor:** IBM

**Exam Code:** C2010-509

**Exam Name:** IBM Tivoli Storage Manager V7.1  
Fundamentals

**Version:** DEMO

### QUESTION 1

If a file is deleted from the customer's server, what determines how long the IBM Tivoli Storage Manager server retains the backup?

- A. The Retain Only setting in backup copy group
- B. The Retain Extra setting in backup copy group
- C. The Version Extra setting in backup copy group
- D. The Versions Deleted setting in backup copy group

**Answer: A**

**Explanation:**

You specify the number of days to keep backup versions with two parameters:

\*Retain Extra Versions (how many days to keep inactive backup versions; the days are counted from the day that the version became inactive) \*Retain Only Versions (how many days to keep the last backup version of a file that has been deleted)

### QUESTION 2

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.

**Answer: D**

**Explanation:**

The Disaster Recovery Manager (DRM) The TSM(Tivoli StorageManager)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 StorageManager Disaster Recovery Manager

### 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

**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

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

**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 5

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.

**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-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 6

An alert represents an error message that is issued by an IBM Tivoli Storage Manager server. What does this icon mean when shown at the alert?



- A. Warning; Processing can continue, but problems might occur later.

- B. Severe: Processing stops. The server will preemptly the tasks and stop.
- C. Critical: Processing cannot continue. The issue must be corrected immediately.
- D. Info: Processing continues with an informational message, and no action is required.

**Answer: C**

**Explanation/Reference:**

\* Example:



Device Class	Server	Type	Status	Disk Storage
DISK	FOXGLOVE_W3_SRV	DISK	Normal	4 Volumes All online
ECART	FOXGLOVE_W3_SRV	ECARTRIDGE	Critical	—
FILE	FOXGLOVE_W3_SRV	FILE	Critical	2 Directories All available

<http://www-01.ibm.com/support/docview.wss?uid=swg21651428&aid=20>

\*The severity codes give an indication of the severity of the issue that generated the message. The severity codes and their meanings are as follows:  
 E Error Processing cannot continue.  
 W Warning Processing can continue, but problems may occur later. I Information Processing continues. User response is not necessary.

#### QUESTION 7

What does the command query inclexcl show?

- A. Details of which files are backed up.
- B. The specific order in which files are backed up.
- C. Which users have restore privileges for specific files.
- D. The include/exclude statements in the order they will be processed.

**Answer: D**

**Explanation:**

The query inclexcl command displays a list of include-exclude statements in the order in which they are processed during backup and archive operations. The list displays the type of option, the scope of the option (archive, all, etc.), and the name of the source file.

#### QUESTION 8

What is the meaning of the RETONLY parameter?

- A. The number of days to retain a backup version after that version becomes inactive.
- B. The maximum number of backup versions to retain for files that are currently on the client file system.
- C. The maximum number of backup versions to retain for files that have been deleted from the client file system.
- D. The number of days to retain the last backup version of a file that has been deleted from the client file system.

**Answer: D**

**Explanation:**

RETOnly determines the number of days to retain the last Exchange Server database backup version of a database that has been deleted from the Data Protection for Exchange client system.

**QUESTION 9**

Which scheduling mode is initiated by the server contacting a registered client?

- A. All
- B. Polling
- C. Initiated
- D. Prompted

**Answer: D**

**Explanation:**

Tivoli Storage Manager provides two scheduling modes: client- polling and server-prompted.

**QUESTION 10**

How can a virtual machine be protected using the IBM Tivoli Storage Manager Backup-Archive client?

- A. Install the Backup-Archive client on an ESX server.
- B. Install the Backup-Archive client on a virtual center.
- C. Install the Backup-Archive client directly in the virtual machine.
- D. Only install the Backup-Archive client on the physical machine.

**Answer: C**

**Explanation:**

Perform some file level restores of these backups using the Tivoli Storage Manager Backup-Archive Client running within the virtual machine.

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