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Vendor:IBM

Exam Code:C9060-509

Exam Name:IBM Tivoli Storage Manager V7.1
Fundamentals

Version:Demo

QUESTION 1

What is the purpose of a storage agent?

- A. Tracks storage utilization
- B. Enables LAN Free backups
- C. Acts as a failover path for the TSM server
- D. Manages the performance of the data transfer over SAN

Correct Answer: B

Explanation: Enable the Tivoli Storage Manager Storage Agent to perform LAN-free Data Movement.

QUESTION 2

In the IBM Tivoli Storage Manager (TSM) Operations Center V7.1, what does the interval parameter of the set status at risk interval specify?

- A. It sets the amount of time before the TSM server contacts the client for a backup.
- B. It sets the amount of time before a scheduled backup can be run from the Operations Center.
- C. It sets the number of days elapsed between the client and the server activity before the client is removed from reporting.
- D. It sets the amount of time since a successful client backup has completed before the Operations Center considers the client at risk.

Correct Answer: D

Explanation: What does "At Risk" mean in the Operations Center? The Operations Center considers recent activity for a client and determines whether the client is at risk of being unprotected. The "at risk" designation primarily indicates that an administrator should investigate a client issue to determine whether or not it creates a significant risk (based on the business goals, data protection strategy, and such).

The "at risk" processing considers clients that are automated using TSM scheduling.

QUESTION 3

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.

Correct Answer: C

Explanation: * Example:

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

<http://www-01.ibm.com/support/docview.wss?uid=swg21651428andaid=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 4

What is the main difference between backup and archive?

- A. Backup is only for databases.
- B. Backup is run daily and archive is not.
- C. Backup goes to disk and archive goes to tape.
- D. Backup provides versioning and archive does not.

Correct Answer: D

Explanation: There are two copy groups that can be defined within a management class, the Backup copy group and the Archive copy group. The key difference between the two can be summarized in one word, versions. The backup feature keeps and maintains versions of backup data whereas the archive feature retains a long term copy of data without storing or maintaining versions.

Reference: Differences between Backup versus Archive versions

QUESTION 5

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

QUESTION 6

Which statement is true about node replication?

- A. Only Backup-Archive data can be replicated.
- B. Node data can be replicated to multiple targets.
- C. Node replication does not support deduplication.
- D. Replicated data may be encrypted during transmission.

Correct Answer: C

Explanation: Replication processing involves the interaction between replication rules, states, and modes. Data deduplication and the updating of client node attributes are also factors in node replication processing.

Incorrect: not A: You can replicate the following types of client node data: Active and inactive backup data together, or

only active backup data Archive data Data that was migrated to a source replication server by Tivoli Storage Manager for Space Management clients

QUESTION 7

What does the preschedulecmd option accommodate?

- A. It enables deduplication on the client.
- B. It tests out a schedule prior to running.
- C. It gives this schedule higher priority over other schedules.
- D. It executes an operating system command before the scheduled action.

Correct Answer: D

Explanation: The preschedulecmd option specifies a command that the client program processes before it runs a schedule. The client program waits for the command to complete before it starts the schedule.

QUESTION 8

Which statement is true regarding the recovery plan file?

- A. It is a list of all nodes to be recovered from an archive.
- B. It contains information required to recover an archive created by a node.
- C. It is created automatically whenever the MOVE DRMEDIA command is run.
- D. Is a template that contains information including commands for recovering the IBM Tivoli Storage Manager database.

Correct Answer: A

Explanation: Example:

Task: Display a list of recovery plan files that were created for this server using the specified device class.

Command

```
query rpf file devclass=* format=detailed
```

Output

Recovery Plan File Name: ALASKA.20000406.170423

Node Name: BRANCH1

Device Class Name: REMOTE

Recovery Plan File Type: RPFIL

Mgmt Class Name: STANDARD

Recovery Plan File Size: 16,255 Bytes

Marked for Deletion: Yes

Deletion Date: 06/12/2000 13:05:31

Recovery Plan File Name: ALASKA.20000407.170845

Node Name: BRANCH1

Device Class Name: REMOTE

Recovery Plan File Type: RPFSSNAPSHOT

Mgmt Class Name: STANDARD

Recovery Plan File Size: 16,425 Bytes

Marked for Deletion: No

QUESTION 9

There are NAS files that need long term archival retention of some but not all files. Which two actions will resolve this in IBM Tivoli Storage Manager V7.1?

- A. Use a CIFS or NFS to mount the NAS volumes.
- B. Use the Backup-Archive client with the archive function.
- C. Use the NDMP backup function with the archive function.
- D. Use the Backup-Archive client with the SNAPDIFF-option.
- E. Use the SnapMirror to Tape function to protect the NAS volumes.

Correct Answer: CD

Explanation: C: File-level backup and restore for NDMP operations When you do a backup via NDMP (network data management protocol), you can specify that the Tivoli Storage Manager server collect and store file-level information in a table of contents (TOC).

If you specify this option at the time of backup, you can later display the table of contents of the backup image. Through the backup-archive Web client, you can select individual files or directories to restore directly from the backup images generated.

D: Snapdiff

Using the snapdiff option with the incremental command streamlines the incremental backup process. The command runs an incremental backup of the files that were reported as changed by NetApp instead of scanning all of the volume for changed files

Incorrect:

Not E: SNAPMirror

Specifies that the file system should be copied to a Tivoli Storage Manager storage pool using the NetApp SnapMirror to Tape function. SnapMirror images are block level full backup images of a file system.

QUESTION 10

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.

Correct 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 11

What is granted with client node access privilege?

- A. The ability to restore data only.
- B. The ability to back up data only.
- C. The ability to back up and restore all node data via the web Backup-Archive client only.
- D. The ability to back up and restore all node data via the Backup-Archive client command line only.

Correct Answer: C

Explanation: To use the Web Client to back up and restore files on a remote client system, you must have an administrative user ID with client access authority over the node name for the remote client system.

QUESTION 12

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

- A. All
- B. Polling

C. Initiated

D. Prompted

Correct Answer: D

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