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The Power of Knowing



Exam : 000-799

Title : Tivoli Storage Manager V5.3 Implementation ☐☐☐☐☐

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**QUESTION 1:**

Certkiller .com has a firewall protected environment. Which feature enables them to create scheduled backups through the firewall?

- A. use web ports
- B. use tcpadminport
- C. set schedmode polling
- D. set schedmode prompted

Answer: C

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**QUESTION 2:**

A UNIX IBM Tivoli Storage Manager (Storage Manager) client with many files on multiple disks is attaché to a Storage Manager server with sufficient disk pool storage over a Gigabit network. The backup is not completing within the predefined backup window.

Which action is most likely to reduce the backup duration?

- A. backup directly to tape
- B. reduce the back up window parameter
- C. increase the CONCURRENTBACKUP parameter
- D. increase RESOURCEUTILIZATION on the Storage Manager client

Answer: D

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**QUESTION 3:**

An administrative user is manually formatting a storage pool volume. Which additional step is required to add a new disk storage pool with space for archive data?

- A. define a storage pool and add the volume to the storage pool.
- B. Issue the vary on command specifying the storage pool name.
- C. Define a storage pool volume and add the storage pool to the volume
- D. Issue the vary command specifying the storage pool volume name

Answer: A

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**QUESTION 4:**

Which log should be checked for possible storage agent LAN-free backup problems?

- A. event log
- B. activity log

- C. dsmsta log
- D. dsmerror log

Answer: B

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**QUESTION 5:**

Given the following include/exclude list:

```
EXCLUDE/.../CORE
INCLUDE/HOME/PROFILE/OPTIONS.SCR
INCLUDE/HOME/ETC/MORE
INCLUDE/HOME/PROFILE/DOODADS/DRIVERS
EXCLUDE/HOME/PROFILE/*
INCLUDE/CORE/DATA
EXCLUDE.DIR/HOME/MONKEY
```

Which file is included?

- A. /core/data
- B. /home/monkey
- C. /home/profile/etc/more
- D. /home/profile/options.scr

Answer: A

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**QUESTION 6:**

What does the query node f=d show?

- A. server name
- B. total bytes of storage that are reserved by the server
- C. policy domain, policy set, management class, physical volumes
- D. percent idle Wait and percent Comm Wait during the last session

Answer: D

---

**QUESTION 7:**

A new administrative schedule did not run when it was scheduled. What is the most likely cause?

- A. The Priority = 0
- B. It was not active
- C. The node was not registered.
- D. It was not associated with a node.

Answer: B

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**QUESTION 8:**

What is the effect of caching data in the disk storage pool?

- A. decreases time for backups
- B. improves network performance
- C. improves collocation performance
- D. increase the IBM Tivoli Storage Manager database size.

Answer: D

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**QUESTION 9:**

When querying the activity log, the IBM Tivoli Storage Manager administrator notices a large number of warnings. "ANR0481W - Session xxx for client terminated, client did not respond within 60 seconds." How can this resolved?

- a. increase Buffpoolsize
- b. Set wait=no in the desmserv.opt
- c. Increase TCPTIMEOUT in dsm.opt file
- d. Increase Commtimeout option on the Storage Manager server

Answer: D

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**QUESTION 10:**

Certkiller .com has experienced data loss due to media failures, especially using 8 mm tape. What is the best IBM Tivoli Storage Manager solution?

- A. back up the data twice
- B. archive data on a weekly or monthly basis
- C. copy data to multiple locations using copy storage pools
- D. cache data in one storage pool after migration, providing two copies

Answer: C

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**QUESTION 11:**

A bank is using IBM Tivoli Storage Manager and has special backup and restore requirements. They want to backup to disk and keep the data available on disk for a minimum of two days before it's moved to an offsite location. Which option would enable them to accomplish this?

- A. HI=90 Lo=50
- B. MIGPROCESS=2
- C. Cache=YES and MIGDELAY=2
- D. Cachesize 100 and Cachelocation offsite

Answer: C

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**QUESTION 12:**

Exhibit

| Storage Pool Name | Device Class Name | Estimated Capacity (MB) | % Util | % Mig | High Mig % | Low Mig % | Next Storage Pool |
|-------------------|-------------------|-------------------------|--------|-------|------------|-----------|-------------------|
| BACKTAPE          | Tape              | 180.0                   | 100.0  | 100.0 | 90         | 70        |                   |
| BACKUPTOOL        | Disk              | 80.0                    | 72.0   | 100.0 | 50         | 30        | BACKTAPE          |

An attempt to backup a 60 MB file to BACKUPPOOL has failed. Based on the information above, what can be done to allow the backup to be successful?

- A. run a manual migration
- B. add volumes to BACKTAPE pool
- C. increase the high migration threshold
- D. run the update stgpool command

Answer: B

---

**QUESTION 13:**

After finishing the IBM Tivoli Storage Manager server installation how is the installation configured so that the server appears in the integrated solutions console (ISC)?

- A. add the server to the startiSC file
- B. modify Storage Manager servers dsmserv.opt file
- C. define the server within the ISC/Administration Center
- D. edit the Storage Manager operational reporting configuration file

Answer: C

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**QUESTION 14:**

Which dsm.sys file option is used to backup a raw vaolume during a scheduled backup?

- A. image.raw
- B. include.image
- C. rawbackup.=yes
- D. enablerawbackup

Answer: B

**QUESTION 15:**

Management has requested a report containing graphical charts of all files backed up during a specific time frame. Which option meets this need directly?

- A. Web admin GUI reporting tool
- B. SQL against the Storage Manager database
- C. ODBC interface and report through a report writer
- D. IBM Tivoli Storage Manager report section

Answer: C

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**QUESTION 16:**

Which command can be used to cause a automatic expansion of the IBM Tivoli Storage Manager database?

- A. expanddb yes
- B. extend db auto
- C. txndblimit auto
- D. define spacetrigger db

Answer: D

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**QUESTION 17:**

A storage device is being configured on the SAN.  
What allows it to be dynamically mapped?

- A. fibre address
- B. element number
- C. capacity number
- D. World Wide Name

Answer: D

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**QUESTION 18:**

How can a client's data be restored without physically being at or logged on to that client's machine?

- A. restore from a backupset
- B. use remote restore option
- C. enable multi-session restore
- D. use the IBM Tivoli Storage Manager web client

Answer: D

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**QUESTION 19:**

Which server command can be used to verify that the IBM Tivoli Storage Manager client machines are connected to the Storage Manager server and are performing the backup/archive task?

- A. query status
- B. query clients
- C. query sessions
- D. query connections

Answer: C

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**QUESTION 20:**

How can an IBM Tivoli Storage Manager administrator protect data on the Storage Manager server?

- A. mirror the copy pool
- B. mirror the disk storage pool
- C. use the Storage Manager striping feature
- D. backup storage pools to copy storage pools
- E. set up Storage Manager database backup schedules

Answer: D,E

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**QUESTION 21:**

What must be set by the administrative user to send IBM Tivoli Storage Manager transactions immediately to the Storage Manager server when backup is done over high-speed networks?

- A. TXNODELAY
- B. TCPNODELAY
- C. TXNBUFFSIZE
- D. TCPWINDOWSOZE

Answer: B

---

**QUESTION 22:**

Certkiller .com has an environment consisting of:  
6 remote client servers with a total of 32GB OF DATA  
10% DAILY CHANGE RATE

The customer wants to add 20 more remote clients with a total of 50GB of data with 10% daily change rate.

What two types of additional information are required to size customer IBM Tivoli Storage Manager environment?

- A. speed of link
- B. number of tape drives
- C. length of backup window
- D. type of network card in the remote client
- E. type of operating system on the Storage Manager server

Answer: A,C

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**QUESTION 23:**

Certkiller .com's IBM Tivoli Storage Manager v5.3 server is in a highly secure environment and has several clients outside of a firewall. What is required to restrict session initiation to the Storage Manager Server?

- A. client crossdefine option
- B. client/server RSA encryption feature
- C. Set HLADDRESS and LLADDRESS on the node definition
- D. Use the set serverpoints command to restrict the IP range of allowable clients

Answer: C

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**QUESTION 24:**

The results of executing query db format=detaild show that the cache hit rate is low. Which server option should be changed to increase the cache hit rate?

- A. LogPoolSize
- B. BufPoolSize
- C. TxnGroupMax
- D. TCPWindowSize

Answer: B

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**QUESTION 25:**

What can be customized at both the server and client?

- A. TCPTXNSIZE
- B. TCPADDRESS
- C. TCPPACKETSIZE
- D. TCPWINDOWSIZE

Answer: D

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**QUESTION 26:**

When sizing the IBM Tivoli Storage Manager tape usage, which type of backup uses the least tape?

- A. synthetic backup
- B. progressive backup
- C. full+differential backup
- D. full+incremental backup

Answer: B

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**QUESTION 27:**

Certkiller .com is planning to upgrade their IBM Tivoli Storage Manager server to version 5.3. The project manager has asked the deployment team to determine the version of all Storage Manager clients in the environment. Which option or utility can be used to do this?

- A. q node
- B. use the Storage Manager Client Reporting (TSMCR) utility
- C. select node\_name, client\_version, client\_release from nodes
- D. select node\_name, client\_version, client\_release from clients

Answer: C

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**QUESTION 28:**

While performing an IBM Tivoli Storage Manager (Storage Manager)upgrade at Certkiller .com site, numerous tape errors occur.  
How can this be resolved?

- A. use the Audit Library
- B. run a tape reconcile utility
- C. review the tape\_err.log report
- D. create a Storage Manager admin schedule to produce a daily report on tapes with errors

Answer: A

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**QUESTION 29:**

What is an inactive Version of file?

- A. one that has been sent off-site
- B. one that is no longer backed up
- C. one that has exceeded the retention data
- D. one that is not the latest backed up version

Answer: D

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**QUESTION 30:**

The primary and copy storage pools are defined as follows:

Primary Storage Pool: PRIMPOOL1

Primary Storage Pool: PRIMPOOL2

Copy Storage Pool: CopyPOOL 1

Copy Storage Pool: COPYPOOL2

On day one, the following command is run for the first time:

Backup stgpool primpool1 cypool1

On day one, the following command is run

Backup stgpool primpool1 cypool1

What is most likely to occur on day two?

- A. full backup of PRIMPOOL1 to COPYPOOL1
- B. FULL BACKUP OF cypool1 TO primpool1
- C. SELECTIVE BACKUP OF PRIMPOOL1 to COPYPOOL1
- D. Incremental backup of PRIMPOOL1 to COPYPOOL1

Answer: D

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**QUESTION 31:**

A system requires that the frequency of backup be changed from weekly to nightly. One of the client nodes has been selected as a test environment. What should be defined and which action performed to test the changes?

- A. a new schedule and activate the policy domain
- B. a new schedule and associate the node with the schedule
- C. a new schedule and associate the schedule to domain
- D. a new policy domain and activate the schedule for the test node only

Answer: B

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**QUESTION 32:**

When sending cypool volumes offsite, a tape is dropped and a truck runs over it. How is the information on the damaged tape recovered?

- A. Recreate drcopy vol=xxxx.
- B. Update volume xxxx access=lost and backup primary storage pool again.
- C. Update volume xxxx access=destroyed and backup primary storage pool again.
- D. Update volume xxxx access=unavailable and backup primary storage pool again.

Answer: C

---

**QUESTION 33:**

A prospective IBM Tivoli Storage Manager customer has:  
Assuming all data is backed up to disk with a high threshold of 100% and the next storage pool is tape, what is the minimum size of the disk storage pool?

- A. 200 MB
- B. 520 MB
- C. 55 GB
- D. 520 GB

Answer: C

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**QUESTION 34:**

Which two tasks does the Add Hardware wizard perform?

- A. adds drives
- B. adds a library
- C. creates mirrored disks
- D. adds a Host Bus Adapters (HBA)
- E. adds Network Attached Storage (NAS)

Answer: A,B

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**QUESTION 35:**

Multiple IBM Tivoli Storage Manager servers are set up with server-to server communication. A new Storage Manager administrative user has joined the company. What is the fastest way to create the new administrative user on all the servers?

- A. Go to each server and create the administrator ID.
- B. Use command routing to create the administrator ID.
- C. Create the administrator ID using the Enterprise Administration wizard.
- D. Create the administrative user on the IBM Tivoli Storage Manager Secure Web Administrator Proxy.

Answer: B

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**QUESTION 36:**

Why would EXP Interval be set to Zero?

- A. To disable expiration functionality so that it does not degrade performance during backup operations.

- B. To specify whether IBM Tivoli Storage Manager sends detailed messages during expiration processing
- C. To display export policy information from a Storage Manager server to sequential media or directly to another server for immediate import.
- D. To disable export so that you cannot copy administrator definitions, client node definitions, policy definitions, server control information, or file data to external media directly another server.

Answer: A

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### QUESTION 37:

Certkiller .com has an eight-hour backup window in which 10 clients must be backed up. The following has been specified:

Schedmode polling

Maxsessions 8

Maxschedsessions 90

Duration 1

Durunithour

Randomize 50

Maxcmdretries 4

Retryperiod 30

Eight of the clients complete the backup in two hours. Two others are not backed up at all. The communication line usage is 95 percent. What should be increased to address the problem?

- A. the randomization parameter
- B. the duration of the startup window
- C. the maximum percentage of scheduled sessions
- D. the number of session retry attempts by increasing Maxcmdretries

Answer: B

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### QUESTION 38:

Which command should be entered to list the capacity of all the storage pools?

- A. query stg
- B. query stg all type=any
- C. query stg format=capacity
- D. query stg all format=detailed

Answer: A

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### QUESTION 39:

Certkiller .com installs IBM Tivoli Storage Manager

After formatting and defining the database volumes to the Storage Manager server, how is the newly defined space made available?

- A. by including DBVOL
- B. BY EXTENDING THE DATABASE
- C. BY EXPANDING THE DATABASE
- D. BY INCREASING THE DATABASE

Answer: B

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**QUESTION 40:**

If Certkiller .com needs on-line backups of their Oracle database, what will give them this capability?

- A. BackupOnline=yes
- B. Adaptive differential backup
- C. Import database backup
- D. IBM Tivoli Storage Manager for Databases

Answer: D

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**QUESTION 41:**

How is the IBM Tivoli Storage server name altered?

- A. SET HOSTNAME NEW\_NAME
- B. SET SERVERNAME NEW\_NAME
- C. SET ISCSERVERNAME NEW\_NAME
- D. Add the Storage Manager instance into the DNS

Answer: B

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**QUESTION 42:**

Which two actions can be done by an IBM Tivoli Storage Manager administrative user with operator privileges?

- A. query events
- B. activate a policyset
- C. register a client node
- D. cancel client sessions
- E. extend the size of the recovery log

Answer: A,D

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**QUESTION 43:**

When adding a server to the integrated solutions console ISC, what information is required in addition

to the IBM Tivoli Storage Manager Administrator user name and password?

- A. protocol types
- B. server address
- C. backup window size
- D. ISC administrator user name

Answer: B

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**QUESTION 44:**

Which three issues should the IBM Tivoli Storage Manager project team consider before beginning implementation?

- A. If the archive bit is set in the file attributes
- B. Bandwidth and settings of hubs and switches
- C. The number of applications installed on the client
- D. Storage Manager client restore time requirements
- E. Number of disk storage devices on a client platform
- F. Amount of Storage Manager client data that changes each day

Answer: B, D, F

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**QUESTION 45:**

Which two features of IBM Tivoli Storage Manager are designed to save disk storage pool space?

- A. collocation
- B. reclamation
- C. compression
- D. database mirroring
- E. incremental backups

Answer: C,E

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**QUESTION 46:**

What are two benefits of the move nodedata command? (Choose two.)

- A. It can restore client data from one client to another
- B. It can pre-stage node restores to a disk storage pool.
- C. It can defragment all previously fragmented client data.
- D. It can move client data from one Storage Manager server to another
- E. It can load balance IBM Tivoli Storage Manager servers.

Answer: B, C

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**QUESTION 47:**

Which three resources are useful to check for revision levels available for IBM Tivoli Storage Manager server and client fixes?

- A. volhist file
- B. dsmerroe.log
- C. README files
- D. Client option file
- E. Storage Manager Web site
- F. Anonymous FTP server sites

Answer: C, E, F

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**QUESTION 48:**

Which operating system supports Journal-based backup?

- A. AIX
- B. HP-UX
- C. Solaris
- D. Windows 2000

Answer: D

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**QUESTION 49:**

A new tape library has just been defined with labeled tapes. What will test to see if the new library is operational?

- A. update volume
- B. query library libname format=detail
- C. status library libname format=detail
- D. checkin libv libname search=yes status=scratch checklabel=yes

Answer: D

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**QUESTION 50:**

On a Windows IBM Tivoli Storage Manager server, which option improves high-speed tape performance for LAN-based clients?

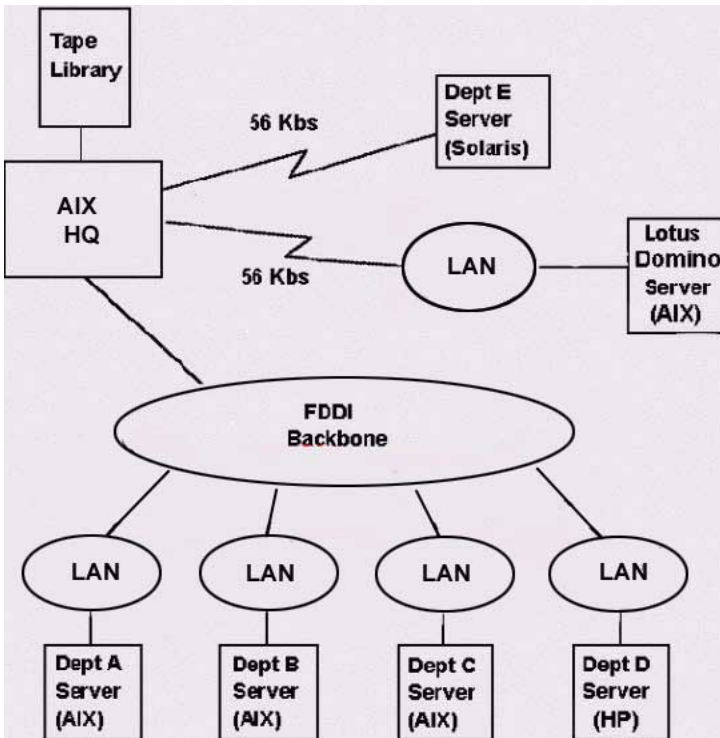
- A. streaming=ON
- B. movebatchsize=2
- C. IPXbuffersize=yes

D. Uselargebuffers=yes

Answer: D

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**QUESTION 51:**



IBM Tivoli Storage Manager (Storage Manager) is installed on System HQ. The customer is going to install a Storage Manager server on the Department E Solaris server to backup the Department E's Solaris server 60 GB Oracle database.

Which three hardware changes may be required?

- A. additional disk drives
- B. upgraded CPU capacity
- C. add and additional CS/DSU unit
- D. add Storage Manager for Hardware
- E. additional tape drives to the HQ's tape library

Answer: A, B, F

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**QUESTION 52:**

The customer's proprietary business application running on AIX server system is using data on raw logical volume. The customer requires one product to back up this data as well as all the data on this system.

Which function of IBM Tivoli Storage Manager satisfies this requirement?



- A. instant archive
- B. database snapshot
- C. logical volume backup
- D. progressive backup methodology

Answer: C

---

**QUESTION 53:**

Which two locations can IBM Tivoli Storage Manager server messages and most Storage manager client messages be logged as events?

- A. dsmerror.log
- B. SNMP Manager
- C. IBM Tivoli Data Warehouse
- D. IBM Tivoli Enterprise Console
- E. WebSphere Application Server

Answer: B,D

---

**QUESTION 54:**

Certkiller .com with two departments has only one tape library. The departments need to be on separately-managed storage tape volumes.

Collocation will be used for their servers, but not for their workstations. Each of the two departments has both servers and workstations. Backup is to disk migrating to tape.

How many disk and tape storage pools are required for this company storage hierarchy?

- A. four disk and one tape storage pool
- B. two disk and two tape storage pools
- C. four disk and two tape storage pools
- D. four disk and four tape storage pools

Answer: D

---

**QUESTION 55:**

Which two elements are required to implement LAN-free data transfer? (Choose two.)

- A. SAN infrastructure
- B. SCSI adapter on client
- C. Storage agent on client
- D. IBM 2109 SAN data gateway
- E. LAN-free shared tape storage pool

Answer: A, C

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**QUESTION 56:**

Which component should be installed first when installing the IBM Tivoli Storage Manager Administration Center?

- A. Storage Agent
- B. Backup/archive client
- C. Storage Manager server
- D. Integrated Solution Console (ISC)

Answer: D

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**QUESTION 57:**

What are two ways the IBM Tivoli Storage MANAGER scheduler Service can be installed and configured on a Windows 2000 Client?

- A. Use the dsmsvcutil command line utility.
- B. Use the dsmservinst command line utility.
- C. Use the Storage Manager client's Setup wizard.
- D. Activate the service from the Storage Manager server.
- E. The service is automatically configured upon client install.

Answer: A, C

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**QUESTION 58:**

The basement of a bank tower has flooded and ruined the entire data processing center. They have a remote recovery site available and must recreate their environment in this location. Which solution will help them restore their Windows Server 2003 systems so they can begin Disaster Recovery?

- A. System Recovery Services (SRS)
- B. Automated System Recovery (ASR) Support
- C. Backup and Recovery Media Services (BRMS)
- D. IBM Tivoli Storage Manager for Backup and Recovery (SYSBack)

Answer: B

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**QUESTION 59:**

Which system benefits most from adaptive subfile backup?

- A. Novell NetWare client

- B. Microsoft Exchange server
- C. WAN attached Windows desktop
- D. Wide Area Network (WAN) attached file server

Answer: C

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**QUESTION 60:**

Certkiller .com changed the TCP/IP address on its main IBM Tivoli Storage Manager (Storage Manager) server. Which server command can verify whether the Storage Manager clients have connected to the Storage Manager server during the daily backup/archive schedule?

- A. query status
- B. query event \* \*
- C. query schedule \* \*
- D. query association f=d

Answer: B

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**QUESTION 61:**

Certkiller .com has an environment consisting of :

a 350 GB diskpool

68 client servers with a total of 1.6 TB of data

4 LTO tape drives with an average throughput of 40 GB per hour, per drive

10% daily change rate

The customer wants to add 40 clients with a total of 1 TB of data with 10% daily change rate.

What additional hardware requirements does the customer need to add the 40 clients and complete the backups in 8 hours?

- A. 4 additional tape drives
- B. no additional hardware is required
- C. additional 100 GB of diskpool space
- D. 2 additional tape drives AND an additional 50 GB of diskpool space

Answer: B

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**QUESTION 62:**

The default management class is used for Departments A,B, and C. Users in Departments A and C are required to have the optional capability to back up their files, retaining two versions for 14 days and the last version for 28 days.

What should be done to allow the users to have this option?

- A. set up a new domain with the required policies and assign the client to this domain

- B. set up a new domain and advise the users to add entries to their include/exclude lists
- C. define a new policy set an advise the users to add entries to their include/exclude lists
- D. define a new management class and advise the users to add entries to their include/exclude lists

Answer: D

---

**QUESTION 63:**

What is the recommended minimum appropriate disk storage pool size when an IBM Tivoli Storage Manager (Storage Manager) solution is designed to backup to a disk storage pool?

- A. average file size times the number of clients
- B. two times an average daily incremental backup
- C. large enough for full backup of all data without triggering migration
- D. large enough to handle an average daily incremental backup without triggering migration

Answer: D

---

**QUESTION 64:**

User A is running an IBM Tivoli Storage Manager (Storage Manager) server on AIX and will be installing a new 3584 LTO library. Which tape driver is needed?

- A. Atape
- B. Native AIX drivers
- C. IBM Ultrium drivers
- D. Storage Manager drivers

Answer: C

---

**QUESTION 65:**

Which command can be used to add an unabled tape to an automated library if autolabel=no and make it available as a scratch tape?

- A. dsmlabel
- B. label libvol
- C. checkin libv
- D. define volume

Answer: B

---

**QUESTION 66:**

A system administrator from the UNIX group is concerned that the IBM Tivoli Storage Manager (Storage Manager) client is not picking up all includes/excludes he put in his dsm.sys file. From the

command line client, how can he determine which ones are being read?

- A. show inclexcl
- B. query activelog
- C. query systeminfo
- D. query optionfile

Answer: C

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**QUESTION 67:**

Certkiller .com using a SAN has experienced several hardware failures over the last several months. A storage consultant has decided to validate data as it is being backed up to ensure its integrity. What is correct way to perform this validation?

- A. Setup new copy storage pool.
- B. Schedule an audit library on a daily basis.
- C. Use the volumevalidate option in the server options file.
- D. Use the validateprotocol option to enable Cyclical Redundancy Checking (CRC) at the client.

Answer: D

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**QUESTION 68:**

In a current customer environment there is a requirement to back up multiple Oracle servers with large databases using IBM Tivoli Storage Manager (Storage Manager). Performance analyses showed that the backup of a database over the existing LAN cannot be completed in the given backup window. Recently, there was a SAN introduced to this environment.

Which configuration, in addition to Storage Manager for Database, solves the performance challenges with minimum additional hardware costs?

- A. Install Managed system for SAN (Storage Agent) on each database server
- B. Install a multi-processor Storage Manager server system with an optical juke box
- C. Install Storage Manager server software with an automated taape library on each database server
- D. Install a multi-processor storage Manager server system with an automated tape library on the SAN.

Answer: A

---

**QUESTION 69:**

When configuring a newly installed client using the wizard, which new option is presented to the IBM Tivoli Storage Manager administrator?

- A. online help
- B. options document
- C. choose a backup schedule for the client
- D. choose from a list of include/exclude files

Answer: D

---

**QUESTION 70:**

You have just implemented IBM Tivoli Storage Manager. The customer wishes to add an HP-UX client with raw device. What is the best approach to manage the sata on this client?

- A. NFS mount the device
- B. Use the ADSMPIPE utility
- C. Raw devices are not supported
- D. Implement logical volume backup

Answer: D

---

**QUESTION 71:**

An IBM Tivoli Storage Manager (Storage Manager) administrator has quit from Company ABC, and no one knows the administrative password. How does the new administrator recover from this situation?

- A. Decrypt the dsmserv.pwd file
- B. Restore the Storage Manager database.
- C. Start the server in the foreground and reset the administrative password.
- D. For security reasons, there is no way to recover from this situation. The administrator must reinstall.

Answer: C

---

**QUESTION 72:**

What are three factors to consider when deigning the storage pool configuration? (Choose three)

- A. HSM
- B. Theresholds
- C. Client Schedule
- D. Next migration pool
- E. Shared Storage pools
- F. Number of private volumes

Answer: B, D, E

---

**QUESTION 73:**

Which two steps need to be performed to enable a 3584 LTO on a SAN for a Windows IBM Tivoli Storage Manager server?

- A. install IBM Ultrium drivers
- B. ensure RSM drivers installed
- C. ensure Windows Media Manager is enabled
- D. ensure Windows Media Manager is disabled
- E. install Removable Storage Manager (RSM) drivers

Answer: A,D

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**QUESTION 74:**

How does Proxy Node Support increase performance of IBM Tivoli Storage Manager?

- A. allows access to SAN attached storage
- B. allows remote access to the Storage Manager server
- C. allows a client to back up to multiple Storage Manager server
- D. allows one Storage Manager node to store or retrieve data on behalf of another

Answer: D

---

**QUESTION 75:**

About what does the health monitor provide detailed information?

- A. client schedules
- B. policy information
- C. client node status
- D. schedule information

Answer: D

---

**QUESTION 76:**

What are the to benefits of LAN-free backup? (Choose two)

- A. Failover path for LAN failure
- B. There is no Storage Manager LAN communications
- C. More rapid backup of client filesystem with small files.
- D. Reduce CPU utilization on the Storage Manager server
- E. Offload the client data transfer traffic form the LAN to the SAN

Answer: D,E

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**QUESTION 77:**

Certkiller .com wants to back up a large SQL Server database at a remote sit. The site has only one server and has its own tape library, so the IBM Tivoli Storage Manager (Storage Manager) server and client will be installed on the same system. What is the best protocol to use to allow the client to communicate to the server?

- A. iSCSI
- B. NetBUI
- C. TCP/IP
- D. Shared Memory

Answer: D

---

**QUESTION 78:**

An administrator can check if all disk volumes in a single storage pool defined as backuppool are available by using which command?

- A. audit volume
- B. audit backuppool
- C. query stg backuppool f=d
- D. query volume stg=backuppool f=d

Answer: D

---

**QUESTION 79:**

Certkiller .com wants to start a helpdesk department for their business. Which part of IBM Tivoli Storage (Storage Manager) allows the helpdesk personnel to do remote restore upon request?

- A. Web client
- B. Move node data
- C. Administrative GUI
- D. Remote client access

Answer: A

---

**QUESTION 80:**

What does the command `dsmc selective/temp/testfile.txt test?`



- A. If the file is named correctly
- B. If a backup can be started by the client
- C. If the client can pick an option file selectively
- D. If an archive operation can be started by a client

Answer: B

---

**QUESTION 81:**

Which three considerations would determine the disk requirements for the IBM Tivoli Storage Manager (Storage Manager) database? (Choose three)

- A. average file size
- B. migration threshold
- C. number of client files
- D. size of the recovery log
- E. number of backup versions
- F. usage of copy storage pools

Answer: C, E, F

---

**QUESTION 82:**

After a new IBM Tivoli Storage Manager (Storage Manager) server is set up, which two recommended automated schedules should be created?

- A. new client registration
- B. storage pool migration
- C. Storage Manager database backup
- D. a cron job to back up the Storage Manager file system
- E. a process to return local scratch tapes to the tape library

Answer: B,C

---

**QUESTION 83:**

An employment agency has a corporate headquarters and several branch offices. The branch offices have a Windows server with three 72GB internal disks and an internal tape library with a single tape drive. Which feature makes it possible to implement IBM Tivoli Storage Manager in this environment?

- A. Backup storage pool
- B. Single disk reclamation
- C. Single drive reclamation
- D. Generation of backup sets

Answer: C

**QUESTION 84:**

Which log should be checked to verify that a particular file on the user's workstation is being backed up as scheduled?

- A. the event log
- B. the dsmerror.log
- C. the dsmsched.log
- D. the backup/archive schedule event log

Answer: C

---

**QUESTION 85:**

Which command can be issued to determine the IBM Tivoli Storage Manager (Storage Manager) server level?

- A. version tsm
- B. show version
- C. query status
- D. query license

Answer: C

---

**QUESTION 86:**

Certkiller .com has an eight-hour backup window in which 10 clients must be backed up. The following has been specified:

Schedmode Polling

Maxsessions 8

Maxschedsessions 90

Duration 1

Durunit hour

Randomize 50

Maxcmdretries 4

Retryperiod 30

Eight of the clients complete the backup in two hours. Two others are not backed up at all. The communication line usage is 95 percent. What should be increased to address the problem?

- A. the randomization parameter
- B. the duration of the startup window
- C. the maximum percentage of scheduled session
- D. the number of session retry attempts by increasing Maxcmdretries

Answer: B

---

**QUESTION 87:**

How can user restore user's data without knowing user B's password?

- A. by user B granting access to their data
- B. by having the administrator create a restore alias
- C. by specifying user B's ID in the restore command
- D. For security reasons, IBM Tivoli Storage Manager does not allow this.

Answer: A

---

**QUESTION 88:**

Certkiller .com running daily incremental backups has a requirement to keep only the last backup copy of some data indefinitely. Which parameter should the backup copy/group have?

- A. verdeleted=1 reonly=nolimit
- B. verdeleted=1 retestra=nolimit
- C. verdeleted=nolimit reonly=nolimit
- D. verextra=1 retextra=nolimit reonly=nolimit

Answer: A

---

**QUESTION 89:**

Which file contains the name and the location of the database and recovery log files?

- A. dsm.opt
- B. dsm.sys
- C. dsmserv.opt
- D. dsmserv.dsk

Answer: D

---

**QUESTION 90:**

Daily backups are run on Certkiller .com's system using IBM Tivoli Storage Manager (Storage Manager). Corporate policies require storage of monthly full-system backups for one year and yearly full-system backups for seven years.

Which Storage Manager function satisfies these requirements with minimum network utilization?

- A. using backupsets
- B. using image backup
- C. using archive packages
- D. running monthly/yearly selective backups

Answer: A

---

**QUESTION 91:**

What are two options you will configure in the dsmserv..opt? (Choose two)

- A. commethod
- B. maxsessions
- C. databasethrottle
- D. passwordgenerate
- E. resourceutilization

Answer: A,B

---

**QUESTION 92:**

A consultant has just implemented IBM Tivoli Storage Manager (Storage Manager) V5.3 . The customer is concerned about the time required for complete restores for some UNIX clients.

Which three features would be best to implement for this environment? (Choose three)

- A. movenodata
- B. collocation on
- C. collocation off
- D. remote copy feature
- E. logical volume backup
- F. adaptive subfile backup

Answer: A, B, E

---

**QUESTION 93:**

How can it be proven that a current backup session is transferring data over the SAN path?

- A. check the dsmererror.log
- B. check the dsmsched. log
- C. run the q session command on the Managed System for San (Storage Agent)
- D. run the q stgpool f=d command on the IBM Tivoli Storage Manager (Storage Manager)server

Answer: C

---

**QUESTION 94:**

How can a client's data be restored without physically being at or logged on to that client's machine?

- A. restore from a backupset

- B. use remote restore option
- C. enable multi-session restore
- D. use the IBM Tivoli Storage Manager (Storage Manager) Web Client

Answer: D

---

**QUESTION 95:**

Certkiller .com restore fails after 80% of the client data has been restored. Which feature of IBM Tivoli Storage Manager (Storage Manager) will allow the restore to pick up where it left off?

- A. restartable restore
- B. simultaneous write
- C. multisession restore
- D. There is no such feature

Answer: A

---

**QUESTION 96:**

A client node needs to be able to do a point-in-time restore for any day in the preceding 60 days. In addition to having the proper copy group parameters, what else is required daily?

- A. expiration processing
- B. copy serialization = absolute
- C. incremental backup of client data
- D. IBM Tivoli Storage Manager database backup

Answer: C

---

**QUESTION 97:**

There are several basic maintenance procedures that should be performed regularly to protect the IBM Tivoli Storage Manager (Storage Manager) server. Using the Server Maintenance wizard to create and schedule a script to automate these procedures, which action is unavailable in the Basic Maintenance wizard?

- A. expiration
- B. reclamation
- C. move node data
- D. backing up the database

Answer: C

---

**QUESTION 98:**

Server-to-server communication supports which communication protocol?

- A. iSCSI
- B. APPC
- C. TCP/IP
- D. NetBIOS

Answer: C

---

**QUESTION 99:**

Client connection problems are observed on a client. What should be checked first to determine the source of the problem?

- A. client.opt
- B. dsmserv.opt
- C. dsmerror.log
- D. connector.log

Answer: C

---

**QUESTION 100:**

Certkiller .com wishes to ensure that all files on a client are backed up every night. How can this be done?

- A. Set the copy mode for the client to absolute?
- B. Use the client create backup set option
- C. Use the backupfull=yes option in the dsm.opt
- D. Due to IBM Storage Manager's incremental strategy, this cannot be done

Answer: A

---

**QUESTION 101:**

Which IBM Tivoli Storage Manager (Storage Manager) option can be used to decrease elapsed backup time by backing up more files between database commits?

- A. TCPBUFSIZE
- B. TXNGROUPMAX
- C. MOVEBATCHSIZE
- D. TCPWINDOWSIZE

Answer: B

---

**QUESTION 102:**

How do you determine all the scheduled client backups that were missed or failed on an IBM Tivoli Storage Manager (Storage Manager) server?

- A. query node \*
- B. query alerts
- C. query event \* \*
- D. query schedule \* \*

Answer: C

---

**QUESTION 103:**

It has been determined that the IBM Tivoli Storage Manager (Storage Manager) recovery log has filled up and the Storage Manager Server has stopped. How can the Storage Manager server be brought back online?

- A. delete the log files and restart the server
- B. use the Log File Trimmer Utility (LOTU) to reset the logs
- C. use the Storage Manager Database wizard to extend the logs
- D. use the dsmfmt command to create additional log space and issue a dsmserv extend log <filename>

Answer: D

---

**QUESTION 104:**

What are three reasons for creating a disk storage pool? (Choose three)

- A. high frequency of backups
- B. ability to do a faster restore
- C. large number of tape drives
- D. more clients than tape drives
- E. enables sequential disk write-backs
- F. takes advantage of disk multistreaming

Answer: A, B, D

---

**QUESTION 105:**

Which two IBM Tivoli Storage Manager (Storage Manager) client installable components of Windows Storage Manager client software must be manually selected for installation? (Choose two)

- A. Common Files
- B. Backup/Archive
- C. Image Backup Client
- D. Administrative Command Line
- E. Application Programming Interface

Answer: C,D

---

**QUESTION 106:**

Certkiller .com has requirements to back up 200 Windows XP and Windows 2003 clients to a single IBM Tivoli Storage Manager (Storage Manager) server. The majority of the nodes will have identical requirements for COMPRESSION, INCLUDE, EXCLUDE, TXNBYTELIMIT, and RETRYPERIOD. The customer requires the ability to deploy the Storage Manager clients with existing staff of one Storage Manager administrative user and two desktop support persons over a holiday weekend. What is the most efficient method to implement the client options across all workstations?

- A. DEFINE DSMOPT with the common settings
- B. DEFINE CLIENTOPT with the common settings
- C. Deploy a logon script that modifies the individual DSM.opt
- D. Create a master dsm.opt file and save it on the network for copying to each station as Storage Manager is attached

Answer: B

---

**QUESTION 107:**

Which two statements are true about the library client in the IBM Tivoli Storage Manager (Storage Manager) tape library sharing function?

- A. checks in a library volume
- B. checks out a library volume
- C. supports ACSLS driven libraries
- D. requires path definition to the drives
- E. performs a full audit of the physical tape library

Answer: C,D

---

**QUESTION 108:**

Which two types scheduling are part of the IBM Tivoli Storage Manager (Storage Manager) server? (Choose two)

- A. client schedules
- B. migration schedules
- C. enterprise schedules
- D. administrator schedules
- E. synchronized scheduling with IBM Tivoli Workload Scheduler

Answer: A,D

---



**QUESTION 109:**

There is a requirement that the operator be notified when a scheduled backup operation fails. Which three options does a system administrator have?

- A. manually check the event log
- B. write a routine to issue an alert
- C. manually check the recovery log
- D. manually check the dsmserv.opt file
- E. install the appropriate IBM Tivoli Monitoring products
- F. enable the Storage Manager Call Home (SMCH) feature

Answer: A, B, E

---

**QUESTION 110:**

Which value given by the command query db f =d indicates a potential buffer pool storage deficiency on the IBM Tivoli Storage Manager server?

- A. changed pages
- B. percent changed
- C. total buffer requests
- D. cache hit percentage

Answer: D

---

**QUESTION 111:**

A copygroup is set up and must retain up to four inactive versions of a file when the file resides on the original workstation.

Which value should be defined to the copyground?

- A. retonly=5
- B. veronly=4
- C. verexists=5
- D. verexists=4

Answer: C

---

**QUESTION 112:**

Which ID does the health monitor use in the integrated solutions Console ISC to query each server to obtain the health status?

- A. ADMIN
- B. QUERY\_ISC

- C. ADMIN\_CENTER
- D. COMMAND\_CENTER

Answer: C

---

**QUESTION 113:**

Which option file parameter is used to enable multisession restores?

- A. collection
- B. resourceutilization
- C. multisessionrestore
- D. dynamicdataconsolidation

Answer: B

---

**QUESTION 114:**

When would the SHAREDMEM parameter be used?

- A. When an AIX Storage Manager server and client are on the same machine
- B. When an AS/400 Storage Manager server and client are on the same machine.
- C. When a Windows Storage Manager server and Windows Storage Manager client are on the same machine.
- D. When an IBM Tivoli Storage Manager (Storage Manager) server and Storage Manager Agent are on the same machine.

Answer: A

---

**QUESTION 115:**

A customer wishes to ensure that all files on a client are backed up every night. How can this be done?

- A. Set the copy mode for the client to bsolute
- B. Use the client create backup set option.
- C. Use the backupfull=yes option in the dsm.opt.
- D. Due to IBM Tivoli Storage Manager's incremental strategy, this cannot be done.

Answer: A