Ourexam

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Exam : **000-451**

Title : Midrange Storage Technical Support V3

Version : DEMO

1.A customer comments that they would like to implement a storage management solution that can monitor their entire storage environment via SMI-S.They have a combination of EMC, NetApp and IBM storage.

Which solution best meets their needs?

A.OnCommand Core

B.Tivoli Storage Manager

C.Tivoli Storage Productivity Center

D.System Storage Productivity Center

Answer: C

2.During a requirements gathering exercise, a customer explains that their environment is synchronously replicated between two sites.Considering next year's growth as well, the workload being replicated will peak at 150 MB/s with approximately two-thirds of that workload being reads.

What is the minimum bandwidth required between the two sites?

A.30 MB/s

B.50 MB/s

C.100 MB/s

D.150 MB/s

Answer: B

3.The Storwize V7000 Real-time Compression is best suited for which filetype?

A.video files

B.database files

C.encrypted file

D.compressed files

Answer: B

4.On the Storwize V7000, which IBM utility analyzes the expected compression savings for an existing volume containing data considered for compression?

A.Comprestirate

B.Comprestimator

C.Comprestimetric

D.Comprestanalyzes

Answer: B

5.A customer has an application that drives a high write workload (>50% of IOs are writes).

Assuming the use of 10000 rpm or 15000 rpm SAS drives, what RAID type would be best suited for this application in a new design?

A.RAID 4

B.RAID 5

C.RAID 6

D.RAID 10

Answer: D

6.A current IBM storage customer has an existing SAN environment and now requires encryption in flight.The environment today consists of a large variety of older disk and tape systems.
What is the most cost effective way to meet this requirement?
A.Install SAN24B-5 switches for the SAN.
B.Install SAN32B-E4 switches for the SAN.
C.Add encryption capability to the existing disk and tape systems in the SAN.
D.Do a product refresh of the environment with a new system that supports encryption.
Answer: D

7.The Easy Tier feature is available on which products?
A.XIV System, DS3500, DS5000
B.N series, DCS3700, Storwize V7000
C.DS8000, SAN Volume Controller, Storwize V7000
D.DCS3700, SAN Volume Controller, Storwize V7000
Answer: C

8.Which of the following statements is true about the Storage Tier Advisor Tool (STAT) utility when used with the IBM Storwize V7000?
A.STAT is used to view performance data that is collected by Easy Tier.
B.STAT compiles usage information about volumes and pools to produce upgrade forecasts.
C.STAT is a command line utility that collects the latest five minutes of performance data.
D.Tivoli Storage Productivity Center uses STAT to collect performance statistics from the Storwize V7000.
Answer: A

9.Which of the following is true about volume compression in a SAN Volume Controller?
A.Compressed volumes can be used to create Full, Incremental, and Nocopy flashcopies.
B.If a storage pool contains a compressed volume then every volume in that pool is compressed.
C.Compression should never be used for active live data such as an online transaction processing database.
D.25% of the virtual capacity of each compressed volume must be reserved as working space for re-expansion of compressed data.
Answer: A

10.A customer has HP and EMC midrange storage systems.Their main concern is that they have multiple management applications for these systems and they want to be sure they have efficient utilization of their storage.
Which of the following IBM products would assist with consolidation and meet their needs?
A.Easy Tier
B.IBM Systems Director
C.Storwize V7000 Unified
D.TS7610 ProtecTIER Appliance
Answer: C