IBM

Exam C9020-971

IBM Enterprise Storage Technical Support

Version: 7.0

[Total Questions: 55]

Question No : 1

A customer's current storage environment includes both a 12 module XIV Gen3 and a DS5300 with 12 expansion drawers. The customer wants to migrate all workload from the DS5300 to the XIV.

Which two actions should the solution architect perform first? (Choose two.)

A. Collect DS5300 and XIV performance data and model the cumulative workload.
B. Migrate the DS5300 workload to the XIV using XIV migration capability.
C. Gather and analyze capacity requirements and usage using the DS5300 and GUI.
D. Collect DS5300 performance data and model the workload on a 12 module XIV.
E. Migrate the DS5300 to the XIV using an IBM SAN Volume Controller with IBM Spectrum Virtualize software.

Answer: B,E

Question No : 2

How many ports from a full 15 module XIV Storage System are recommended initially to connect to an IBM Spectrum Virtualize Controller?

A. 12
B. 8
C. 16
D. 24

Answer: D

Question No : 3

A customer is interested in controlling the rapid growth of its database environment while providing the highest performance and lowest latency.

Which solution satisfies the customer's requirements and provides the best Total Cost of Ownership?

A. IBM FlashSystem 840

B. DS8870
C. XIV Gen3 with SSD
D. IBM FlashSystem V840

Answer: B
Reference:

http://searchstorage.techtarget.com/news/2240240643/IBM-rebrands-storage-as-IBM-Spectrum-with-an-eye-on-hybrid-cloud

Question No : 4

A customer has an existing mainframe environment with a DS8870 attached. This frame is only partially populated. The customer is attaching existing IBM POWER servers that require a three-tier storage solution including SSDs. Electrical power is not readily available. Price is also a key criterion in making the decision.

Which addition to the existing system should be proposed to this customer?

A. Add a Storwize V7000 in a new rack.
B. Add IBM SAN Volume Controller along with IBM FlashSystem and Storwize V7000.
C. Add disks to the DS8870.
D. Add IBM Spectrum Scale in front of the DS8870 along with additional disks in the DS8870.

Answer: C
Reference:

http://www.redbooks.ibm.com/abstracts/sg248085.html?Open

Question No : 5

During a Technical Delivery and Assessment (TDA) for a DS8870, the solution architect was directed to use Disk Magic to size the solution.

What will Disk Magic provide in this situation?

A. Modeling of a specific storage configuration
B. Determine effective capacity of specific storage configuration
C. Simulation of performance under varying conditions
D. Resolution(s) to a performance problem

Answer: B

Question No : 6

Which data type will have the best compression ration with Real-time Compression?

A. Databases
B. File and print
C. JPEG images
D. Encrypted data

Answer: A
Reference:

http://www.redbooks.ibm.com/redpapers/pdfs/redp4859.pdf

Question No : 7

Which XIV option addresses rapid data growth and financial concerns?

A. Advanced System Placement
B. IBM Global Financing
C. Growth on Demand
D. Distributed Data

Answer: B

Question No : 8

Which solution offers compression?

A. DS8870
B. FlashSystem V840
C. XIV
D. FlashSystem 840

Answer: D
Reference:

http://www.redbooks.ibm.com/technotes/tips1158.pdf

Question No : 9

Which IBM storage offering enables the analytics engine with MicroLatency to more rapidly process data for insight?

A. IBM Spectrum Scale
B. Flexible Storage
C. Real-time Compression
D. IBM FlashSystem

Answer: B
Reference:

http://www-03.ibm.com/systems/storage/flash/840/

Question No : 10

A customer is looking to improve performance in its storage environment. The customer is considering adding SSD drives or a FlashSystem product to the environment.

Which IBM tool will help the customer understand the benefit in performance of these different technologies?