

C1000-021^{Q&As}

IBM Virtualized Storage V2

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QUESTION 1

A customer is considering implementing a High-Density Expansion Enclosure with IBM Storwize V7000. Which configuration requirement should the customer be aware of?

- A. It uses four power supplies
- B. It fits in an S42 rack
- C. It uses the C13 power cord
- D. It is CE installed

Correct Answer: C

QUESTION 2

A customer just purchased an IBM Storwize solution and needs to externally virtualize a Dell EqualLogic. Which connection protocol is required?

- A. FCoE
- B. FCP
- C. iSCSI
- D. SAS

Correct Answer: C

Reference: <https://www.ibm.com/downloads/cas/ZDG6KO5O>

QUESTION 3

A customer wants to allow application administrators to provision storage from an IBM Storwize V7000 system but does not want to give them direct access to the Storwize system.

Which product should the technical specialist discuss with the customer?

- A. IBM Cloud Object Storage
- B. IBM Spectrum Access
- C. IBM Storage Insights Pro
- D. IBM Spectrum Control Advanced

Correct Answer: B

QUESTION 4

A customer is looking for a storage solution that provides FC and SAS host attachment without the need for SAN switches.

Which IBM disk system is appropriate to use?

- A. IBM Storwize V5020
- B. IBM FlashSystem V9000
- C. IBM Storwize V7000
- D. IBM Storwize V5030

Correct Answer: C

QUESTION 5

A customer needs to significantly increase the performance of an existing IBM Storwize V7000 Gen1 based on 15k RPM SAS disks with minimal investment.

What is the most effective way to achieve this?

- A. Add five percent of flash storage to the pool
- B. Acquire an IBM Storwize V7000F
- C. Add compression cards and enable RtC
- D. Purchase Easy Tier

Correct Answer: A

Reference: [https://www.google.com/url?](https://www.google.com/url?sa=t&drct=j&andq=and&src=s&andsource=web&andcd=1&andved=2ahUKEwjwm4_svJjhAhXlzaQKHW_pA3YQFjAAegQIBRAC&url=https%3A%2F%2Fwww.ibm.com%2Fdeveloperworks%2Fcommunity%2Ffiles%2Fbasic%2Fanonymous%2Fapi%2Flibrary%2F33795c8c-583c-400a-9702-a99258c444ef%2Fdocument%2Fd34630de-48af-408d-86fb-5bfbe8d5ea3d%2Fmedia%2FSpectrum_Virtualize_Updates20170119V2%2520Webinar%25201-19-17.pdf&usg=AOvVaw14pirndj_tB8B97b1UuRcG)

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QUESTION 6

A customer has requested a proposal for 350 TB of NL-SAS disk storage for its new backup system. The customer requires data availability in case of dual drive failure, fast rebuild times, and minimum capacity loss to protection overhead.

Which RAID configuration should the technical specialist recommend?

- A. RAID 0

B. RAID 0+1

C. RAID 6

D. DRAID 6

Correct Answer: B

QUESTION 7

The customer is using an IBM SVC to manage storage capacity and plans to add some flash capacity to resolve some application performance concerns caused by month-end reporting operations. These

applications have acceptable performance for the rest of the month.

How should the customer automate the use of the flash capacity to manage these monthly workload peaks?

A. Use IBM Spectrum Control Tiered Storage Optimizer.

B. Use Volume copy with preferred write.

C. Use IBM Storage Insights Pro

D. Use IBM Spectrum Virtualize Easy Tier.

Correct Answer: D

QUESTION 8

Which tool is used to model the performance of IBM Storwize disk subsystems?

A. Internal GUI

B. STAT

C. Comprestimator D. Disk Magic

Correct Answer: D

QUESTION 9

A customer has purchased two IBM Storwize V7000 systems and would like to implement a system topology that supports high availability. In the event of a site disaster, the customer requires access to all volumes without a loss of performance.

Which IBM architecture will meet the customer's needs?

A. Enhanced stretched cluster

B. Transparent cloud tiering

C. HyperSwap

D. Volume mirroring

Correct Answer: C

Reference: <https://www-01.ibm.com/support/docview.wss?uid=tss1wp102538andaid=1>

QUESTION 10

A customer has a requirement to encrypt all data.

What should be configured with a new IBM Storwize V5020?

A. Self-encrypting drives and SKLM

B. Base license with USB keys

C. Self-encrypting drives with USB keys

D. Encryption license and USB keys

Correct Answer: B

Reference: https://www.ibm.com/developerworks/community/blogs/accelerate/resource/Spectrum_Virtualize_Encryption_V1.pdf?lang=en

QUESTION 11

A customer needs to replicate to a back-up site using IP replication on an IBM Storwize V7000. The customer also requires improved bandwidth utilization over long distance links with high latency.

What is included in the IBM Storwize V7000 native IP replication implementation that accomplishes this requirement?

A. Longwave SFP transceivers

B. SANSlide technology

C. 10 GbE Ethernet ports

D. 25 GbE iWARP ports

Correct Answer: B

Reference: <https://www.redbooks.ibm.com/redpapers/pdfs/redp5103.pdf> (9)

QUESTION 12

Which resource informs a storage specialist if a TDA is mandatory or optional?

- A. Systems Assurance Product Review Guide
- B. TDA Discussion Guide
- C. IBM Trigger Criteria and Designated Product List
- D. IBM Pre-sale TDA Checklist

Correct Answer: C

QUESTION 13

Which tool can be used to quickly estimate the compression ratio for a SVC environment?

- A. Capacity Magic
- B. Disk Magic
- C. Comprestimator
- D. Data Reduction Estimator Tool

Correct Answer: C

Reference: <http://www.redbooks.ibm.com/redpapers/pdfs/redp5031.pdf> (27)

QUESTION 14

A customer intends to use a 3-tier Easy Tier storage pool. They are concerned about immediate performance if data that has been tiered down to NL-SAS drives becomes heavily accessed.

What should the technical specialist explain to address the customer concern?

- A. Easy Tier will automatically balance workload across NL-SAS Mdisks
- B. Easy Tier builds an optimization plan every 24 hours, so performance improves next day
- C. Warm Promote looks to promote overloaded extents every five minutes
- D. FlashCache functionality will accelerate the extents on the NL-SAS disks

Correct Answer: A

Reference: https://www.ibm.com/support/knowledgecenter/en/ST3FR7_7.6.1/eos

QUESTION 15

A customer wants to do application testing in the disaster recovery site located ten kilometers away over fiber and wants to use IBM Spectrum Protect Snapshot to create the application-aware clones of the

database volumes.

Which two additional features are needed to create these clones? (Choose two.)

- A. Full System Replication Manager
- B. IBM Copy Services Manager
- C. Volume mirroring
- D. FlashCopy
- E. Remote Mirror

Correct Answer: DE

Reference: <http://www.redbooks.ibm.com/redpapers/pdfs/redp4873.pdf>

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