

# C1000-021<sup>Q&As</sup>

IBM Virtualized Storage V2

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### QUESTION 1

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

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### QUESTION 2

Which tool is used to calculate usable storage space for IBM Storwize disk subsystems?

- A. Storage Insights
- B. Disk Magic
- C. Visual Storage Intelligence
- D. Capacity Magic

Correct Answer: D

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### QUESTION 3

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=andescr=sandsource=webandcd=1andved=2ahUKEwjwm4_svJjhAhXlzaQKHW_pA3YQFjAAegQIBRACandurl=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 4

What must be configured and installed to use VMware Virtual Volumes (VVols) with IBM Storwize solutions?

- A. IBM Spectrum Virtualize
- B. IBM Spectrum Access
- C. IBM Spectrum Connect
- D. IBM Spectrum Control Standard Edition

Correct Answer: A

Reference: <http://www.redbooks.ibm.com/abstracts/sg248328.html?Open>

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#### QUESTION 5

A customer is considering IBM Spectrum Protect and has requested documentation that describes some reference architectures including IBM storage hardware and configuration requirements to help with their outline solution design.

The technical specialist suggests using the IBM Spectrum Protect Blueprints documentation.

On which IBM site can this documentation be found?

- A. Techdocs
- B. Smartseller
- C. Knowledge Center
- D. Developer Works

Correct Answer: A

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#### QUESTION 6

Which IBM website provides the most current support matrix information for the IBM Storwize product line?

- A. IBM Infocenter
- B. IBM System Storage Interoperation Center
- C. IBM Sales Manual

D. IBM Knowledge Center

Correct Answer: B

Reference: <https://www-03.ibm.com/systems/support/storage/ssic/interoperability.wss>

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#### QUESTION 7

A customer is evaluating an IBM Storwize V5010 solution and wants to know what additional software functions are available.

Which additional feature on the IBM Storwize V5010 is a chargeable upgrade?

- A. FlashCopy
- B. Encryption
- C. Data Reduction Pools
- D. Compression

Correct Answer: B

Reference: <http://www.redbooks.ibm.com/redpieces/pdfs/sg248162.pdf>

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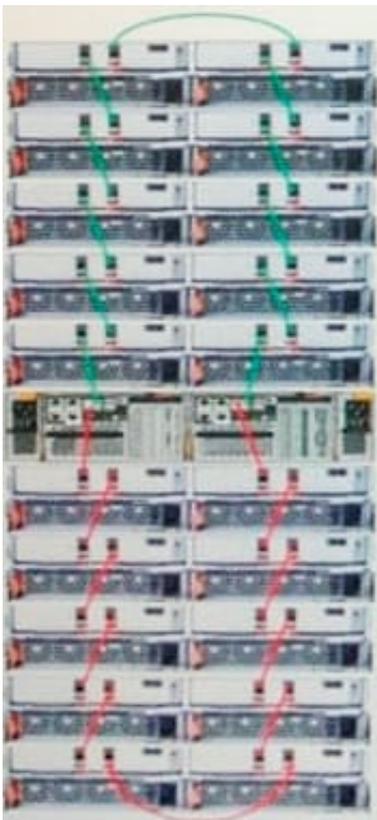
#### QUESTION 8

A customer is installing a new IBM Storwize V7000 with 10 expansions in a single rack. Which installation adheres to proper SAS cabling guidelines for cabling all the enclosures?

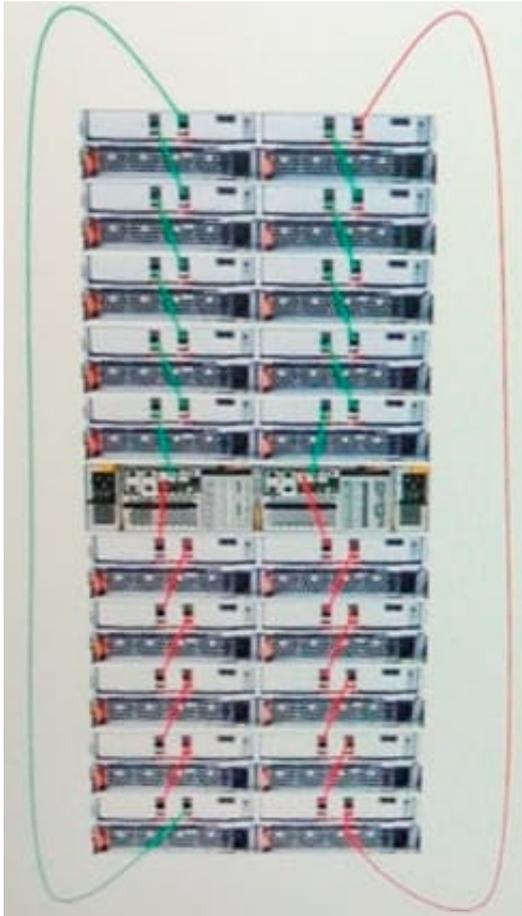
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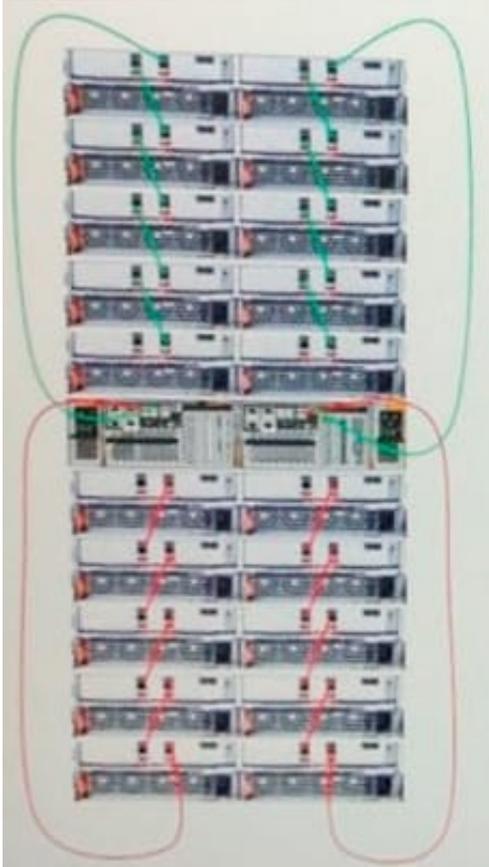
B.



C.



D.



- A. Option A
- B. Option B
- C. Option C
- D. Option D

Correct Answer: A

Reference: [https://www.ibm.com/support/knowledgecenter/en/ST3FR7\\_8.2.0/com.ibm.storwize.v7000.820.doc/tbrd\\_sas\\_cable.html](https://www.ibm.com/support/knowledgecenter/en/ST3FR7_8.2.0/com.ibm.storwize.v7000.820.doc/tbrd_sas_cable.html)

#### QUESTION 9

A customer has added a second control enclosure to its existing IBM Storwize V7000. What should the customer do next to balance the workloads?

- A. Move designated volumes to the new I/O group
- B. Monitor Easy Tier as it balances the workloads
- C. Run Storage Pool Balancing on one I/O group
- D. Use IBM Storage Tier Advisor Tool to analyze heat data files from the cluster

Correct Answer: B

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#### QUESTION 10

A customer is considering the purchase of an IBM Storwize V5030, but data space is a challenge. Which tool helps the customer to see how much data space can be saved when compared to the size of the current disk system?

- A. Capacity Magic
- B. Comprestimator
- C. Workload Estimator
- D. Hardware Sizing Calculator

Correct Answer: A

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#### QUESTION 11

Which utility is used to collect Disk Magic input data from VMware servers?

- A. iostat
- B. vSphere Utilities
- C. esxtop
- D. PerfMon

Correct Answer: A

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#### QUESTION 12

A customer wants a better understanding of how storage is being used in the file systems of competitive storage systems?

Which IBM Spectrum Control tool gathers these details?

- A. Tiered storage optimizer
- B. Storage Resource Agents
- C. IBM Storage Tier Advisor Tool
- D. Capacity reporting

Correct Answer: A

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#### QUESTION 13

A customer has IBM Spectrum Virtualize at the primary location and IBM Storwize V7000 at the DR location. The customer purchased IBM VSC for both locations and wants to set up Global Mirror. What has to be done to the IBM Storwize V7000 system to support this functionality?

- A. Put SVC nodes with IBM Spectrum Virtualize in front of the IBM Storwize V7000
- B. Purchase license for Remote Mirror.
- C. Change the system layer to Replication.
- D. Add 10 GbE adapters to the IBM Storwize V7000

Correct Answer: C

Reference: <https://www.academia.edu/27750217/>

IBM\_System\_Storage\_SAN\_Volume\_Controller\_and\_Storwize\_V7000\_Best\_Practices\_and\_Performance\_Guidelines

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#### QUESTION 14

An IBM i customer had performance requirements and is considering flash-based storage using an IBM FlashSystem V9000. The customer plans to move all data to the IBM FlashSystem V9000 with native IBM i attachment.

Which connection protocol is required for this environment?

- A. InfiniBand
- B. iSCSI
- C. 10 Gb FCoE
- D. FC

Correct Answer: D

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#### QUESTION 15

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

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