

C1000-021^{Q&As}

IBM Virtualized Storage V2

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QUESTION 1

A customer's fibre-channel attached storage is approaching end-of-lease and will be returned. The customer is also evaluating IBM Storwize solutions. It is important during the transition period that data are available, that interruption is minimized, and that costs are kept low.

Which IBM Spectrum Virtualize for Storwize topic should be discussed with the customer?

- A. Remote Mirroring license
- B. Advanced chargeable features
- C. FlashCopy license
- D. Built-in functions

Correct Answer: C

QUESTION 2

A client requires a full disaster recovery solution be created between two data centers without direct fibre channel connection.

Which feature should the technical specialist recommend to the customer?

- A. Native IP Replication
- B. vSAN
- C. HyperSwap
- D. Volume mirroring

Correct Answer: D

QUESTION 3

What is assured by executing a Technical and Delivery Assessment (TDA)?

- A. The technical quality of a solution
- B. Best practices are reviewed
- C. The solution meets total cost of ownership requirements
- D. Support calls will be unnecessary during implementation

Correct Answer: A

QUESTION 4

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

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=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.pdfandusg=AOvVaw14pirndj_tB8B97b1UuRcG)

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QUESTION 6

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 7

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?

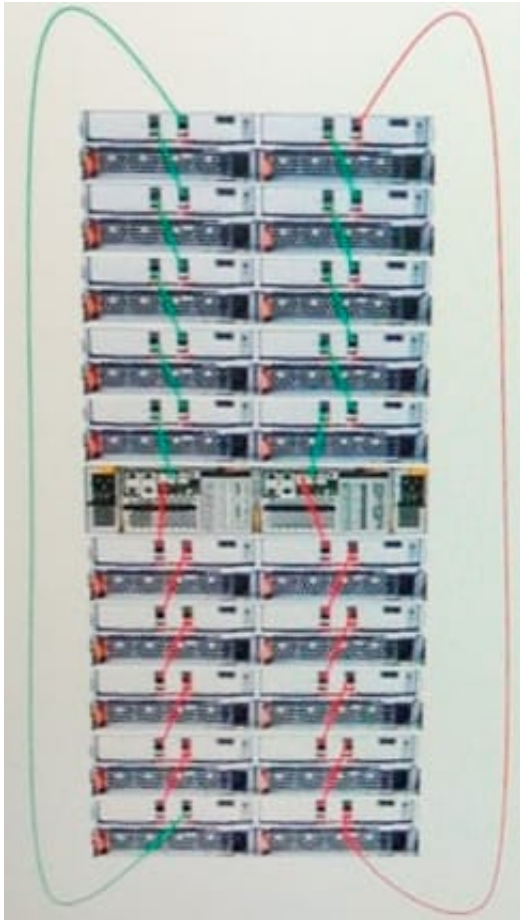
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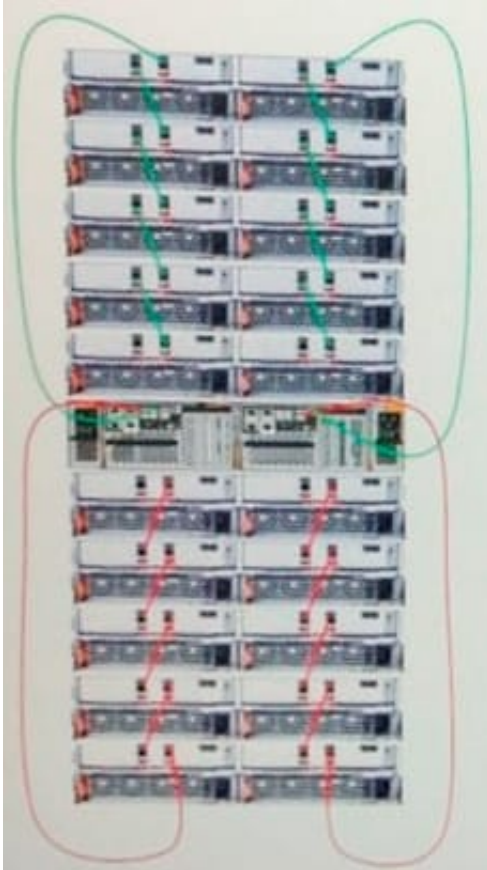
B.



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

QUESTION 8

A customer is looking an IBM Storwize V7000 based on NL-SAS drives against dual drive failure but wants the most efficient use of the capacity of the device.

Which RAID scheme should the customer consider?

- A. RAID 6
- B. RAID 5
- C. DRAID 5

D. DRAID 6

Correct Answer: A

QUESTION 9

During the last 10 years, a company has refreshed its storage environment three times. This has caused extended outages.

Which functions or attributes of the IBM Spectrum Virtualize address these concerns?

- A. Rebalancing extents across a storage pool
- B. HyperSwap using intra-cluster synchronous remote copy
- C. Cloud integration and stretched cluster
- D. External virtualization and non-disruptive data migration

Correct Answer: B

QUESTION 10

A customer desires an in-depth storage monitoring tool that includes collecting performance statistics and historical data as well as helping with data placement optimization.

What should be included as part of an IBM Storwize Family solution?

- A. IBM Storage Insights
- B. IBM Storage Mobile Dashboard
- C. IBM Virtual Storage Center
- D. IBM Storage Tier Advisor Tool

Correct Answer: A

QUESTION 11

Which IBM software integrates an IBM Storwize V7000 into the VMware vCenter GUI?

- A. IBM Spectrum Control Storage Insights
- B. IBM Spectrum Control Operations Center
- C. IBM Spectrum Connect
- D. IBM Spectrum Virtualize

Correct Answer: B

QUESTION 12

A customer using IBM Spectrum Virtualize on a single I/O group wants to maintain continuous access to data in the event of an MDisk failure.

Which license is required?

- A. Full-feature license
- B. Remote Mirror license
- C. FlashCopy license
- D. Base license

Correct Answer: C

QUESTION 13

A customer has a requirement to provide data protection for their SAP HANA environment which has been installed on IBM Storwize V7000F storage.

Which IBM Spectrum Protect product should the storage specialist position?

- A. IBM Spectrum Protect for Virtual environments
- B. IBM Spectrum Protect for space management
- C. IBM Spectrum Protect Enterprise Resource Planning
- D. IBM Spectrum Protect Plus

Correct Answer: C

Reference: <https://www.ibm.com/downloads/cas/EVQ6WQAO>

QUESTION 14

A customer wants to remotely manage its IBM Storwize V7000. Which protocol for remote authentication of users is required?

- A. Lightweight Extensible Authentication Protocol (LEAP)
- B. Lightweight Directory Access Protocol (LDAP)
- C. Challenge Handshake Authentication Protocol (CHAP) D. Secure Socket Layer (SSL)

Correct Answer: B

Reference: https://www.ibm.com/support/knowledgecenter/ST3FR7_8.1.1/com.ibm.storwize.v7000.811.doc/svc_configremoteauthldap.html

QUESTION 15

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

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