

Practice Exam Questions

DELLTechnologies



Specialist - Technology Architect PowerMax and VMAX All Flash Solutions



EXAMKILLER

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Exam DES-1111

**Specialist - Technology Architect. PowerMax and VMAX All Flash
Solutions Exam**

Version: 3.0

[Total Questions: 60]

Question No : 1

A storage architect is evaluating the performance of a PowerMax array during business hours. They want to know how much extra load the PowerMax can handle without significant performance degradation. The Workload Planner is used to identify the hot spots during the recurring backup windows.

Between 9:30 PM and 1:30 AM and between 3:15 AM and 5:30 AM, backups are causing the PowerMax to exceed the best practice recommendation. The Recurring System Data Exclusion Periods chart is used to filter out these hot spots. After running this workload planning for a few weeks, they notice that the selection of records they previously made are showing different numbers than when they started viewing the report, several weeks ago.

What is the explanation for this behavior?

- A. After a week the data of each time slot is refreshed with new data
- B. After two weeks the 84 data points are filled up and the report resets to default
- C. The average of the viewed window has dropped below the best practice
- D. After two weeks the data of each time slot is refreshed with new data

Answer: D

Question No : 2

The SecurityAdmin for Unisphere wants to create a new user that will perform all management (active or control) operations on a storage system and be able to modify GNS group definitions in addition to all Monitor operations. The user will not be able to create or delete user accounts.

What role needs to be assigned to the new user?

- A. StorageAdmin
- B. Device Management
- C. Admin
- D. SecurityAdmin

Answer: A

Reference:

https://www.dell.com/community/s/vjauj58549/attachments/vjauj58549/vmax/5733/1/creating_volumes.htm (53)

Question No : 3

The output file of a Linux Host Collection Utility does not match the BCSD parser format. What could be the reason?

- A. Incorrect LUNs specified
- B. Perform is not up to date
- C. BSCD is incorrectly configured
- D. OS patches are not up to date

Answer: D

Question No : 4

A PowerMax parent Storage Group (SG) contains two child SGs: SG1 and SG2. What is a valid Host I/O limit setting for this configuration?

- A.
Parent SG: 400,000
SG1: 800,000
SG2: 300,000
- B.
Parent SG: 500,000
SG1: 400,000
SG2: NOLIMIT
- C.
Parent SG: 500,000
SG1: NOLIMIT
SG2: 1,000,000
- D.
Parent SG: 400,000
SG1: 500,000
SG2: NOLIMIT

Answer: A

Question No : 5

A storage architect is looking for best practices to expand an existing single V-Brick VMAX All Flash 250. They are planning to expand the VMAX configuration to a dual V-Brick model for better performance.

What is a consideration?

- A. Both V-Bricks must contain 1 TB of cache each
- B. RAID type of both V-Bricks must be the same
- C. Cache size of both V-Bricks must be equal
- D. Number of drives must be less than or equal to 96

Answer: C

Reference: <https://www.delltechnologies.com/asset/it-it/products/storage/technical-support/docu67503.pdf>

Question No : 6

A customer is planning an SRDF/S implementation. They are concerned about the performance of their application when the initial synchronization of the data occurs.

Which SRDF mode should be used during the initial synchronization period?

- A. Mixed
- B. Adaptive copy disk
- C. Dynamic RDF
- D. SRDF/A

Answer: B

Reference: <https://www.delltechnologies.com/asset/en-us/products/storage/technical-support/docu95482.pdf>

Question No : 7 DRAG DROP

An architect is configuring BCSD to design SRDF/S between two new PowerMax arrays. The architect has completed the tasks for the local side of the solution, including RA Port Group, Replication Group, and site switch.

What is the correct order of steps the architect needs to take to complete the SRDF setup?

Create remote Replication Group	STEP 1
Create remote array	STEP 2
Configure network circuit	STEP 3
Create remote RA Port Group	STEP 4
Configure remote site switch	STEP 5

Answer:

Create remote Replication Group	Configure network circuit
Create remote array	Configure remote site switch
Configure network circuit	Create remote array
Create remote RA Port Group	Create remote Replication Group
Configure remote site switch	Create remote RA Port Group

Question No : 8

A very small data center is being deployed at a service provider site. New 32 GB FC switches to support Open Systems hosts have been purchased and installed in the data center. Two of the tenants for data storage are from competing small businesses. Data storage for each tenant is expected to be a maximum of 500 TB. Because tenants are from competing companies, the service provider wants to be able to provide data storage from different arrays to each tenant to guarantee separation of data and information.

Which array is recommended to support these requirements, while occupying the least amount of space in the new data center?

- A. PowerMax 8000
- B. VMAX All Flash 250
- C. VMAX All Flash 950
- D. PowerMax 2000

Answer: C

Question No : 9

What is the default data collection interval for TTP collections?

- A. 5 minutes
- B. 10 minutes
- C. 15 minutes
- D. 30 minutes

Answer: C

Reference: https://manpreetstorage.files.wordpress.com/2016/07/vmax-3-solution-design-student_guide.pdf (49)

Question No : 10

What needs to be created in BCSD to link multiple SRDF/A sessions?

- A. Composite Group
- B. Logical relationship
- C. Consistency Group
- D. MSC logical relationship

Answer: C

Reference: <https://www.scribd.com/document/411415716/vmax-3-solution-design-student-guide-pdf>

Question No : 11

What is required before a port can be disassociated from an FA emulation on a PowerMax?

- A. The port must not be a member of any Port Group
- B. The port must not belong to an RDF group

- C. All ports on the I/O module must be offline
- D. All ports associated with the FA emulation must be offline

Answer: D

Reference: <https://www.dell.com/community/Symmetrix/How-to-change-FA-port-to-RF-port-in-5977/td-p/7162464>

Question No : 12

At a disaster planning meeting, an architect is presented with the following facts by a client:

A Unix host is replicating storage from a Production PowerMax to a VMAX 250FX.

RDF pairs have been split with Production and DR hosts accessing their respective storage.

Invalid tracks have started to build against PowerMax and VMAX 250FX.

The client now wants to bring production back to PowerMax, discarding the VMAX 250FX updates while keeping the updates on the PowerMax. What is the correct action to take?

- A. Failback
- B. Establish
- C. Resume
- D. Failover

Answer: A

Question No : 13

A storage administrator is provisioning storage on a PowerMax 2000 array. The application requires fast reads and the highest possible data protection.

Which RAID level should be recommended?

- A. RAID 6 (6 + 2)
- B. RAID 5 (3 + 1)
- C. RAID 6 (14 + 2)
- D. RAID 5 (7 + 1)

Answer: B

Reference: <https://www.delltechnologies.com/asset/en-us/products/storage/technical-support/h16891-powermax-family-ds.pdf>

Question No : 14

A customer is planning to purchase a PowerMax 8000 system with the zEssentials software package. The environment needs to have the ability to rapidly recover from large scale logical corruption using TimeFinder SnapVX.

Which optional software should be recommended to fulfill the requirement?

- A. Product Suite for z/TPF
- B. GDPR
- C. zDP
- D. AutoSwap

Answer: C

Reference: <https://www.gotomojo.com/wp-content/uploads/2019/07/Dell-VMAX-All-Flash-Product-Guide.pdf>

Question No : 15

What is the maximum number of front-end ports that can be configured on a PowerMax 8000?

- A. 128
- B. 192
- C. 256
- D. 320

Answer: C

Reference: <https://www.delltechnologies.com/asset/en-au/products/storage/technical-support/h16739-20PowerMax-2000-8000-ss.pdf>

Question No : 16 DRAG DROP

Match each SRDF command with its function.

Command:**Function:**

Restore	Resumes normal SRDF mirroring
Suspend	SRDF links are set to Not Ready
Split	Enable access to both R1 and R2 devices
Establish	Changes made to the R1 are discarded

Answer:

Command:**Function:**

Restore	Restore
Suspend	Split
Split	Establish
Establish	Suspend

Question No : 17

SRDF/A has been enabled between two PowerMax arrays. An extended loss of all RDF links occurs.

What is the state of the RDF pair after link connectivity is restored?

- A. Split
- B. Failed Over
- C. Suspended
- D. Partitioned

Answer: D

Reference: <https://www.delltechnologies.com/asset/en-us/products/storage/technical-support/docu95482.pdf> (24)