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QUESTION 1

A customer is supporting 800 Exchange users on a VNX5700. The users are divided among four Exchange storage groups using a total of eight LUNs each for data and logs and two LUNs for a cluster quorum disk and MSDTC. The company purchased a VNX5300 for its remote site. The company is using MirrorView/A with consistency groups to ensure consistent point-in-time recovery. The Exchange LUNs have been added to the consistency group, but the administrator is having trouble adding the quorum and DTC LUNs.

What should the administrator do?

- A. Create a second consistency group for the quorum and DTC LUNs
- B. Evenly distribute all LUNs across both SPs before adding them to the consistency group
- C. Create ten consistency groups (one for each LUN) and ensure that the update frequency is the same for all groups
- D. Fracture all mirrors before adding them to the consistency group

Correct Answer: D

QUESTION 2

Which action would be most effective in reducing the performance impact of a Snapshot on a Source LUN?

- A. Using faster disks for the Source LUN
- B. Using faster disks for the Reserved LUN Pool
- C. Increasing the Snapshot chunk size
- D. Increasing the Snapshot write-aside size

Correct Answer: A

QUESTION 3

A customer creates a multi-tiered pool with the following configuration:

Five 200 GB FAST VP optimized Flash drives configured as 4+1 RAID 5
Five 600 GB 15 krpm SAS drives configured as 4+1 RAID 5
Twenty-four 2 TB NL-SAS drives configured as 6+2 RAID 6

The customer's workload consists of 8 kB random I/Os with a R/W ratio of 2:1.

How many host IOPs can the pool support?

- A. 3,337 writes/s and 6,673 reads/s
- B. 28,060 IOPs
- C. 20,560 IOPs



D. 3,697 writes/s and 7,393 reads/s

Correct Answer: A

QUESTION 4

Refer to the exhibit.

20	RG 5 - SPB LUN 27 - d20	RG 6 - SPB LUN 29 - d21	RG 7 - SPB LUN 31 - d22
	RG 5 - SPA LUN 26 - d12	RG 6 - SPA LUN 28 - d13	RG 7 - SFA LUN 30 - d14
10	RG 2 - SPB LUN 21 - d17	RG 3 - SPB LUN 23 - d18	RG 4 - SPB LUN 25 - d19
	RG 2 - SPA LUN 20 - d9	RG 3 - SPA LUN 22 - d10	RG 4 - SFA LUN 24 - d11
00	RG 0 - SPB LUN 17 - d15	RG 1 - SPB LUN 19 - d16	HS
	HS	RG 1 - SPA LUN 18 - d8	
	RG 0 - SPA LUN 16 - d7		

A customer has three SAS DAEs configured with eight 4+1 RAID 5 Groups (RG) and six Hot Spares. All RGs are unused except for RG 0, which contains the Control LUNs. All LUNs except for those in RG 0 are the same size. Which dvols will be selected for the second file system creation using Automatic Volume Management System-defined pools?

- A. dvols d9, d14, d16, and d18
- B. dvols d11, d13, d20, and d22
- C. dvols d12, d14, d17, and d21
- D. dvols d9, d10, d16, and d18

Correct Answer: A

QUESTION 5

Your customer has LUNs with a total size of 20,000 GiB. The total I/O load is 15,000 IOPS, with a 4:1 R/W ratio. Analysis of your customer's data indicates that data skew is 90%. RAID 5 is used exclusively in the environment. How many 200 GB Flash drives would be needed to handle the load of the working data set?

- A. 10
- B. 15
- C. 20
- D. 25



Correct Answer: B

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