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QUESTION 1

In Unisphere Analyzer, what are two possible views when you right-click a RAID group?

- A. LUN I/O Disk Detail and Performance Detail
- B. Performance Detail and I/O Size Distribution Summary
- C. LUN I/O Disk Detail and I/O Size Distribution Detail
- D. Performance Detail and I/O Size Distribution Detail

Correct Answer: A

QUESTION 2

What is the minimum retention period that can be set on a file?

- A. 1 hour
- B. 1 week
- C. 1 day
- D. 1 minute

Correct Answer: C

QUESTION 3

What is the best way to set up a FAST VP pool on a VNX Block system running VNX OE for Block (v31)?

- A. Five Flash disks in RAID 5 (4+1); five SAS disks in RAID 5 (4+1); six NL-SAS disks in RAID 6 (4+2).
- B. Five Flash disks in RAID 5 (4+1); six SAS disks in RAID 6 (4+2); six NL-SAS disks in RAID 6 (4+2).
- C. Five Flash disks in RAID 5 (4+1); five SAS disks in RAID 5 (4+1); eight NL-SAS disks in RAID 6 (6+2).
- D. Five Flash disks in RAID 5 (4+1); five SAS disks in RAID 5 (4+1); five NL-SAS disks in RAID 5 (4+1).

Correct Answer: D

QUESTION 4

In VNX OE for File, which type of device is used for performance by spreading the volume across multiple LUNs that can be active concurrently?

- A. Stripe

B. Meta

C. Disk

D. Slice

Correct Answer: A

QUESTION 5

A customer is trying to understand the relationship between file systems, VNX SnapSure checkpoints, bitmaps, and blockmaps. They want to know the number of blockmaps on a file system.

How many blockmaps are available per file system?

A. As many as there are checkpoints

B. As many as there are file systems

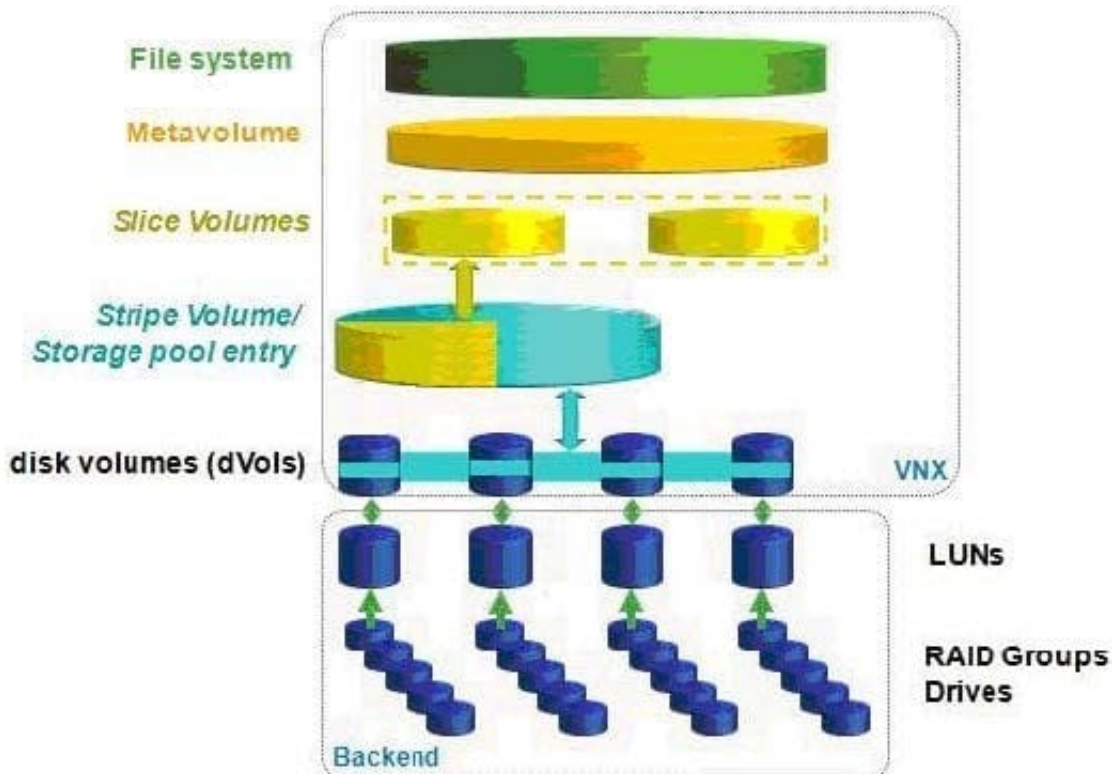
C. One per 20 GiB of data

D. One for all file systems per VDM

Correct Answer: A

QUESTION 6

Refer to the exhibit.



A customer has a VNX with twenty 300 GB SAS drives. Which mechanism does AVM use to increase capacity with auto expansion?

- A. Meta volume
- B. Striping
- C. Slicing
- D. Disk volume

Correct Answer: A

QUESTION 7

A customer wants advice on how to provision storage for a performance-intensive OLTP application. It has a 3:1 R/W ratio and a maximum 8 KB block size.

What advice do you give them?

- A. Use 300 GB 15K disks
- B. Use NL-SAS disks
- C. Use 300 GB 10K disks
- D. Use Flash Drives

Correct Answer: D

QUESTION 8

A FAST VP Pool is configured with:

- 1,000 GB of Flash drives
- 5,000 GB of SAS drives
- 25,000 GB of NL-SAS drives

Four thick LUNs of 2,000 GB each are created at 30-minute intervals with default configuration parameters. How will data be distributed initially on the fourth LUN that is created?

- A. 0 GB on the Flash drives 0 GB on the SAS drives 2,000 GB on the NL-SAS drives
- B. 80 GB on the Flash drives 320 GB on the SAS drives 1,600 on the NL-SAS drives
- C. 250 GB on the Flash drives 1,250 GB on the SAS drives 500 GB on the NL-SAS drives
- D. 666 GB on the Flash drives 666 GB on the SAS drives 668 GB on the NL-SAS drives

Correct Answer: A

QUESTION 9

A customer reported degraded performance with several of the applications that run on a VNX. After reviewing the performance data on the array, you find that all the performance issues are related to one RAID 5 RAID Group. Specifically, this RAID Group is performing 50 percent fewer IOPS than previously.

What is the most likely reason?

- A. The RAID Group is rebuilding.
- B. The RAID Group is trespassed.
- C. Write cache is not configured.
- D. Read cache is not configured.

Correct Answer: A

QUESTION 10

How does FAST Cache keep track of incoming writes?

- A. The FAST Cache page is marked dirty.
- B. A FAST Cache log file is created on the vault drives.
- C. FAST Cache implements a Write Intent Log (WIL).

D. New FAST Cache entries use the Reserve LUN Pool.

Correct Answer: A

QUESTION 11

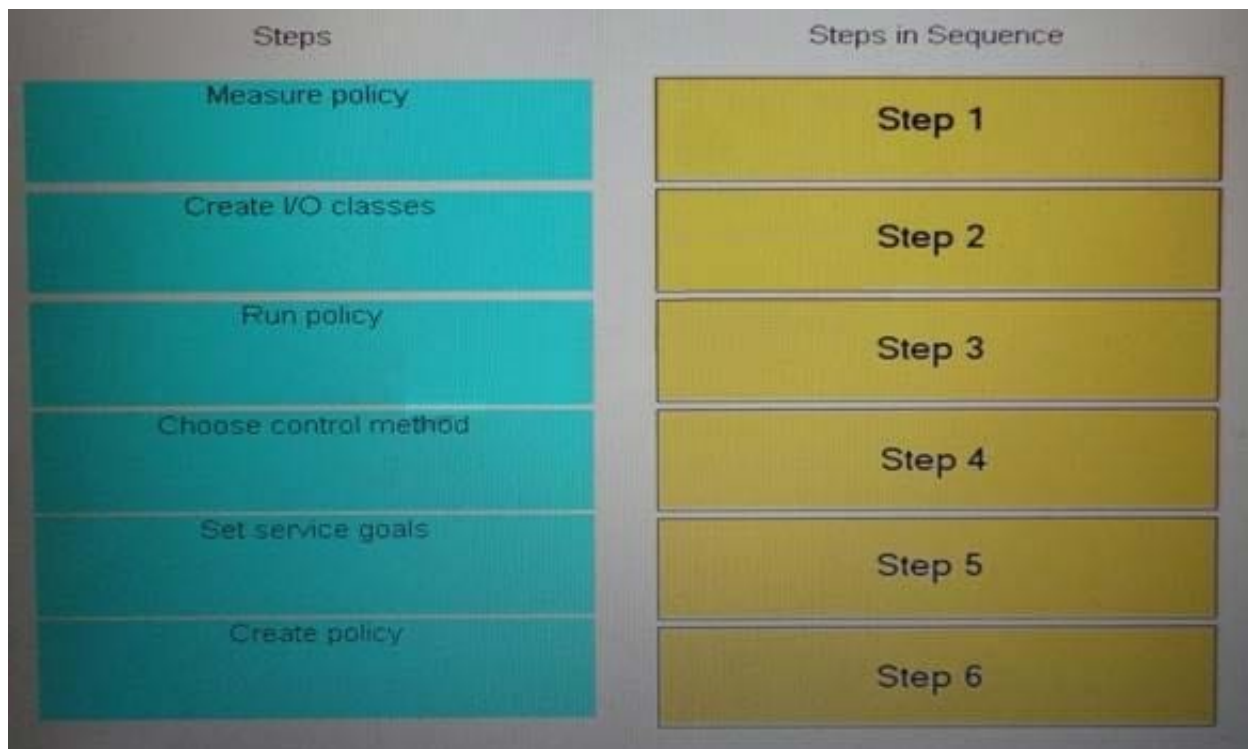
How does FAST Cache benefit application workloads?

- A. Data warehouse bandwidth is increased.
- B. Virtual desktop images require less capacity.
- C. OLTP database transaction rates are decreased.
- D. Transactional database response times are decreased.

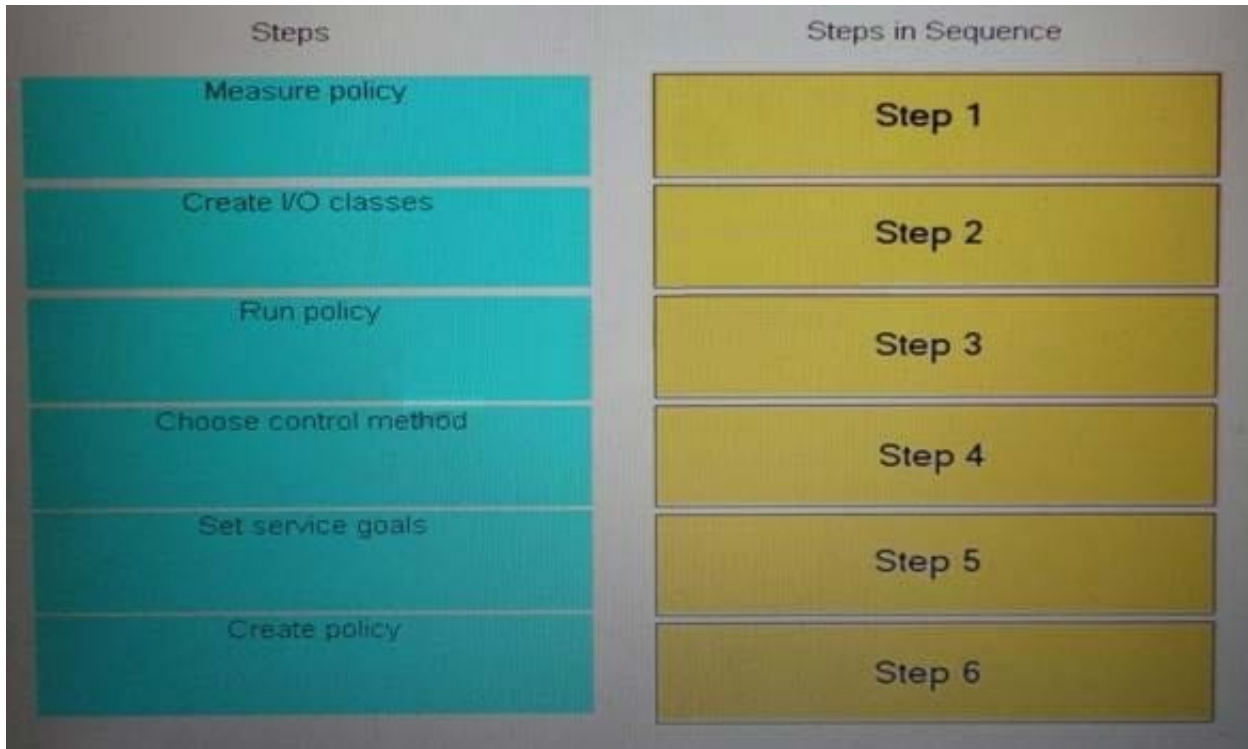
Correct Answer: D

QUESTION 12

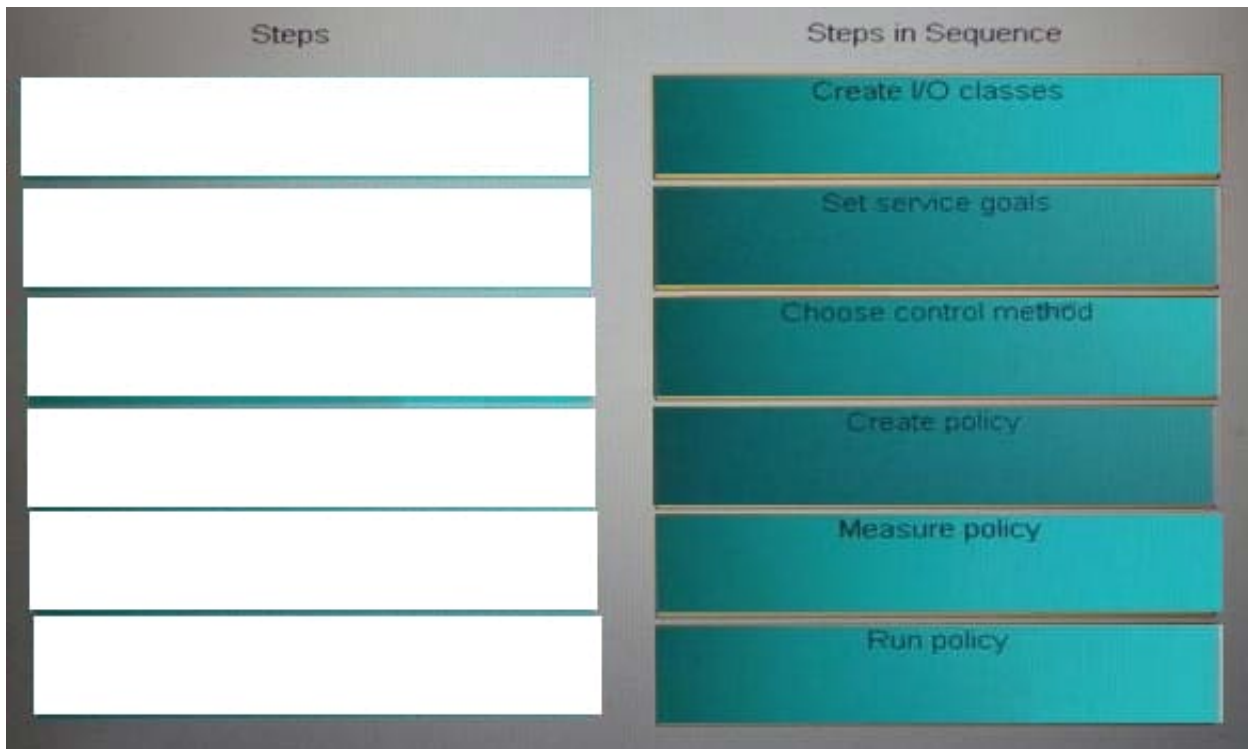
You are presenting VNX Quality of Service to a customer. The customer would like you to demonstrate how to set up QoS. In what order would you accomplish this?



Select and Place:



Correct Answer:



QUESTION 13

Which RAID Group settings are appropriate for workloads consisting of predominantly large block, random read I/O profiles such as data warehousing?

- A. 4+1 RAID 5 RAID Group; LUN element size set to 128
- B. 8+1 RAID 5 RAID Group; LUN element size set to 512
- C. 8+1 RAID 5 RAID Group; LUN element size set to 1024
- D. 4+1 RAID 5 RAID Group; LUN element size set to 1024

Correct Answer: D

QUESTION 14

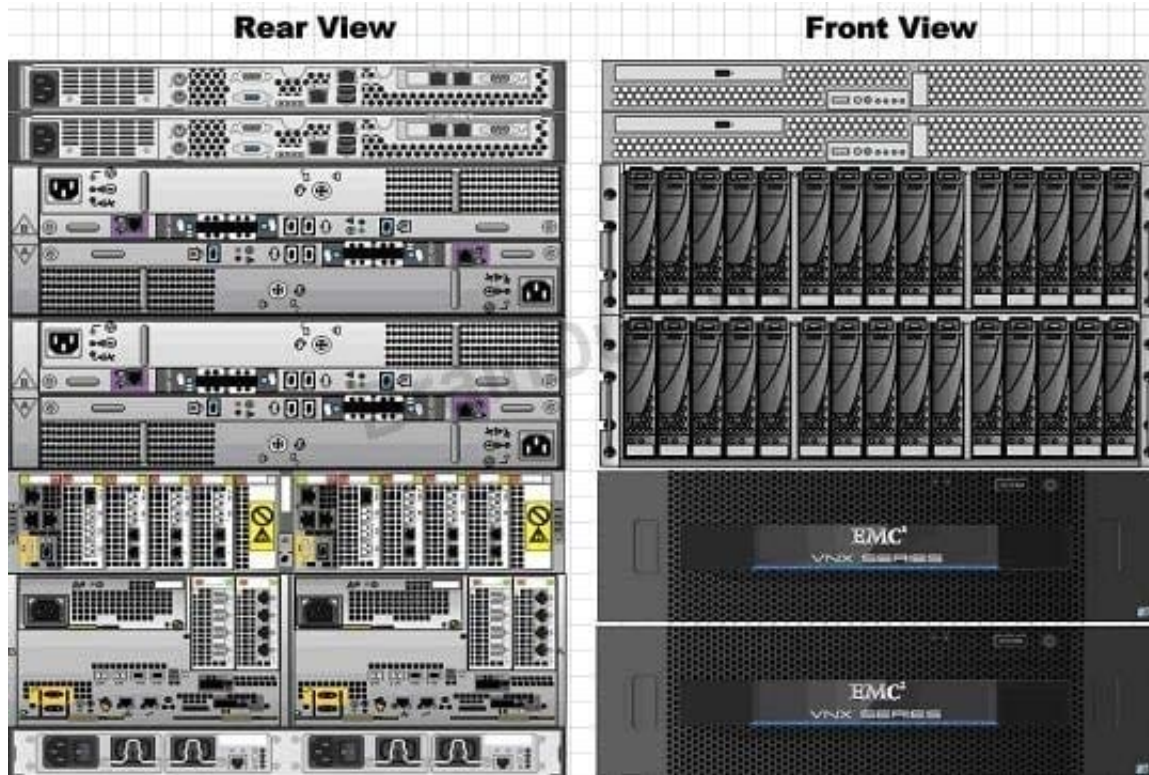
A customer has one host attached to each SP on a VNX. SP A owns LUNs 100 and 101, which run critical applications. The customer notices that SP A has experienced a back-end failure and consequently has lost connectivity to these LUNs. How will ALUA handle this path failure to ensure continued connectivity to LUNs 100 and 101?

- A. The lower redirector routes I/O to the SP owning the LUNs.
- B. PowerPath immediately trespasses the LUN to the owning SP.
- C. The upper redirector routes I/O to the SP owning the LUNs.
- D. PowerPath routes traffic to the peer SP and through the CMI.

Correct Answer: A

QUESTION 15

Refer to the exhibit.



This VNX has the disks shown in the front view. They are all 300 GB 10K disks.

What is the maximum number of drives that you can add to a new RAID group in this situation?

- A. 16
- B. 15
- C. 30
- D. 26

Correct Answer: A

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