



Vendor: Symantec

Exam Code: ST0-248

Exam Name: Symantec Storage Foundation 6.1 for UNIX
Technical Assessment

Version: DEMO

QUESTION 1

Which virtual storage configuration can be created with Veritas StorageFoundation 6.1for UNIX?

- A. LVM
- B. RAID
- C. SVM
- D. LPAR

Answer: B

QUESTION 2

Which command line utility is used to view Veritas Volume Manager (VxVM) plexes?

- A. vxdisk
- B. vxvg
- C. vxplex
- D. vxprint

Answer: D

QUESTION 3

Which two types of virtual storage provide data redundancy? (Select two.)

- A. concatenate
- B. RAID-5
- C. stripe
- D. mirror
- E. RAID-0

Answer: BD

QUESTION 4

What are two benefits of virtual storage using Veritas StorageFoundation 6.1for UNIX? (Select two.)

- A. improved deduplication for data backup
- B. ability to resize storage across physical devices
- C. improved disaster recovery by mirroring between arrays
- D. enhanced file sharing
- E. increased virtual memory

Answer: BC

QUESTION 5

A system administrator has a large amount of inactive data on the company's storage devices. The excess amount of data is causing slow access to the active data. The administrator needs to set up automatic relocation of data so that data expires based on age. How can the administrator set the threshold for automatic relocation of data?

- A. use SmartMove
- B. use SmartTier
- C. use Virtual Data Aging Service (VDAS)
- D. use Intelligent Storage Provisioning (ISP)

Answer: B

QUESTION 6

Which benefit is provided when Veritas Volume Manager (VxVM) uses the SmartMove feature?

- A. optimized Data Deduplication process
- B. optimized SmartTier storage allocation process
- C. optimized mirror synchronization process
- D. optimized File Replication process

Answer: C

QUESTION 7

Refer to the exhibit. What is the disk access name for the device displayed in the vxdisk list output?

```
Device      c2t0d0
devicetag   c2t0d0
type        sliced
hostid      aparajita
disk        name=mydg01 id=861086917.1052.aparajita
group       name=mydg id=861086912.1025.aparajita
flags       online ready autoconfig autoimport imported
pubpaths    block=/dev/vx/dmp/c2t0d0s4
             char=/dev/vx/rdmp/c2t0d0s4
privpaths   block=/dev/vx/dmp/c2t0d0s3
             char=/dev/vx/rdmp/c2t0d0s3
version     2.1
iosize      min=512 (bytes) max=2048 (blocks)
public      slice=4 offset=0 len=1043840
private     slice=3 offset=1 len=1119
update      time=861801175 segno=0.48
headers     0-248
configs     count=1 len=795
logs        count=1 len=120
Defined regions
config      priv 000017-000247[000231]:copy=01 offset=000000
enabled
config      priv 000249-000812[000564]:copy=01 offset=000231
enabled
log         priv 000813-000932[000120]:copy=01 offset=000000
enabled
Multipathing information:
numpaths:   2
c2t0d0s2    state=enabled      type=primary
c1t0d0s2    state=disabled     type=secondary
```

- A. mydg01
- B. c2t0d0
- C. mydg
- D. c1t0d0

Answer: B

QUESTION 8

What are two benefits of using Storage Checkpoints within Veritas StorageFoundation 6.1for UNIX instead of file system snapshots? (Select two.)

- A. transient
- B. read-only
- C. uses free space from parent file system
- D. persistent
- E. uses separate volume

Answer: CD

QUESTION 9

Which advantage does the Data Change Object (DCO) feature provide?

- A. optimized resynchronization of stale volume data
- B. optimized SmartMove
- C. optimized replication of volume data
- D. optimized file compression

Answer: A

QUESTION 10

What are two benefits of using the FileSnap feature? (Select two.)

- A. Instant snapshot creation of the same file
- B. Instant snapshot creation of the same volume
- C. Instant snapshot creation of the same file system
- D. Instant snapshot creation of the same disk
- E. Instant snapshot creation of the same virtual machine boot image

Answer: AE

QUESTION 11

A volume that contains strictly two data plexes and has four subdisks in each plex can have which two types of layouts? (Select two.)

- A. mirror-concat
- B. mirror-stripe
- C. stripe-mirror
- D. concat-mirror

E. stripe with parity

Answer: AB

QUESTION 12

Refer to the exhibit. What is the layout of the volume described in the vxprint output provided in the exhibit?

| | | | | | | | | |
|----|-------------|-------------|-------------|--------|---------|--------|-----------------|-------|
| v | datavol | - | ENABLED | ACTIVE | 2097152 | SELECT | datavol-03 | fsgen |
| p1 | datavol-03 | datavol | ENABLED | ACTIVE | 2097152 | STRIPE | 2/128 | RM |
| sv | datavol-S01 | datavol-03 | datavol-L01 | 1 | 1048576 | 0/0 | 2/2 | ENA |
| v2 | datavol-L01 | - | ENABLED | ACTIVE | 1048576 | SELECT | - | fsgen |
| p2 | datavol-P01 | datavol-L01 | ENABLED | ACTIVE | 1048576 | CONCAT | - | RM |
| s2 | datadg01-02 | datavol-P01 | datadg01 | 0 | 1048576 | 0 | hds9500-alua0_6 | ENA |
| p2 | datavol-P02 | datavol-L01 | ENABLED | ACTIVE | 1048576 | CONCAT | - | RM |
| s2 | datadg03-02 | datavol-P02 | datadg03 | 0 | 1048576 | 0 | hds9500-alua0_8 | ENA |
| sv | datavol-S02 | datavol-03 | datavol-L02 | 1 | 1048576 | 1/0 | 2/2 | ENA |
| v2 | datavol-L02 | - | ENABLED | ACTIVE | 1048576 | SELECT | - | fsgen |
| p2 | datavol-P03 | datavol-L02 | ENABLED | ACTIVE | 1048576 | CONCAT | - | RM |
| s2 | datadg02-02 | datavol-P03 | datadg02 | 0 | 1048576 | 0 | hds9500-alua0_7 | ENA |
| p2 | datavol-P04 | datavol-L02 | ENABLED | ACTIVE | 1048576 | CONCAT | - | RM |
| s2 | datadg04-02 | datavol-P04 | datadg04 | 0 | 1048576 | 0 | hds9500-alua0_9 | ENA |

- A. mirror-concat
- B. mirror-stripe
- C. stripe-mirror
- D. concat-mirror

Answer: C

QUESTION 13

What is the correct RAID level for a layered volume layout that combines mirroring with striping or concatenation?

- A. RAID-0
- B. RAID-1
- C. RAID-0+1
- D. RAID-1+0

Answer: A

QUESTION 14

What are two advantages of a properly configured striped volume layout? (Select two.)

- A. provides hot-relocation
- B. provides load balancing
- C. improves performance
- D. provides data redundancy
- E. improves reliability

Answer: BC

QUESTION 15

Where do the private and public regions of Cross-platform Data Sharing (CDS) formatted disks reside?

- A. on separate disk slices
- B. on a single disk slice
- C. on reserved slices
- D. on a boot slice

Answer: B

QUESTION 16

Which two items are checked on existing Veritas StorageFoundation 6.1for UNIX systems by the Installation and Upgrade service from Symantec Operations Readiness Tools (SORT)? (Select two.)

- A. existing Symantec packages and patches
- B. disk group version
- C. file system free space
- D. volume manager disk group free space
- E. disk drive information

Answer: AC

QUESTION 17

What is the minimum Storage Foundation release supported to upgrade directly to Veritas StorageFoundation 6.1for UNIX?

- A. 5.0
- B. 5.0MP1
- C. 5.0MP3
- D. 5.1

Answer: C

QUESTION 18

How many days can a customer run Veritas StorageFoundation 6.1for UNIX without entering a valid license key during installation without receiving warning messages?

- A. 30
- B. 45
- C. 60
- D. 90

Answer: C

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