

# **Symantec**

## **Exam ST0-248**

**Symantec Storage Foundation 6.1 for UNIX Technical Assessment**

Version: 5.1

**[ Total Questions: 345 ]**

**Topic 1, Volume A****Question No : 1 - (Topic 1)**

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

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

**Answer: B**

**Question No : 2 - (Topic 1)**

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

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

**Answer: D**

**Question No : 3 - (Topic 1)**

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

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

**Answer: B,D**

**Question No : 4 - (Topic 1)**

What are two benefits of virtual storage using Veritas Storage Foundation 6.1 for 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: B,C**

**Question No : 5 - (Topic 1)**

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 No : 6 - (Topic 1)**

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 No : 7 - (Topic 1)**

What are two benefits of using Storage Checkpoints within Veritas Storage Foundation 6.1 for 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: C,D**

**Question No : 8 - (Topic 1)**

Refer to the exhibit.

```

Exhibit

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
    
```

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What is the disk access name for the device displayed in the vxdisk list output?

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

**Answer: B**

**Question No : 9 - (Topic 1)**

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 No : 10 - (Topic 1)**

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: A,E**

**Question No : 11 - (Topic 1)**

Refer to 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

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

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

**Answer: C**

**Question No : 12 - (Topic 1)**

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: A,B**

**Question No : 13 - (Topic 1)**

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 No : 14 - (Topic 1)**

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: B,C**

**Question No : 15 - (Topic 1)**

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 No : 16 - (Topic 1)**

Which two items are checked on existing Veritas Storage Foundation 6.1 for 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: A,C**

**Question No : 17 - (Topic 1)**

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

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



**Answer: C**

**Question No : 18 - (Topic 1)**

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

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

**Answer: C**

**Question No : 19 - (Topic 1)**

Which two operations can be performed with a Veritas Operations Manager (VOM) Management Server (MS) with all add-ons installed? (Select two.)

- A. manage host deployment across the enterprise
- B. discover the secure Oracle databases running on the managed host
- C. manage user privileges in VEA on the managed host
- D. discover Solaris Zones and Solaris LDOMs running on a managed host
- E. manage Business Entities

**Answer: B,E**

**Question No : 20 - (Topic 1)**

Which command is used to manually configure the Veritas Volume Manager (VxVM) product?

- A. vxconfigd
- B. vxinstall
- C. vxdiskadm
- D. vxdctl enable

**Answer: B**

**Question No : 21 - (Topic 1)**

Which display command consolidates information from Veritas Volume Manager (VxVM) and Veritas File System (VxFS)?

- A. vxprint
- B. vxadm
- C. vxsfadm
- D. vxlist

**Answer: D**

**Question No : 22 - (Topic 1)**

Which two Veritas Storage Foundation 6.1 for UNIX commands are used to prevent and allow multi-pathing of Veritas Volume Manager (VxVM) devices? (Select two.)

- A. vxdiskadm
- B. vxddladm
- C. fsvoladm
- D. vxdmpadm
- E. vxsfadm

**Answer: A,D**

**Question No : 23 - (Topic 1)**

Which Veritas Storage Foundation 6.1 for UNIX user interface provides a menu-driven, text-based interface for performing some disk and disk group administration?

- A. Veritas Enterprise Administrator (VEA)
- B. Veritas Operations Manager (VOM)
- C. vxedit
- D. vxdiskadm