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QUESTION & ANSWER

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Exam : **HP0-J18**

Title : Implementing HP StorageWorks EVA Solutions

Version : DEMO

1. Which EVA base models include loop switches? (Select two.)
A.EVA4100 2C4D
B.EVA6100 2C4D
C.EVA6100 2C6D
D.EVA8100 2C2D
E.EVA8100 2C8D
ANSWER: CE

2. You are preparing to upgrade an EVA5000 2C6D solution to an EVA6100 2C8D solution in a Windows environment. What must be considered before the installation?
A.New array controllers are 1U higher than old controllers.
B.EVA6100 device switches have a greater installation height.
C.An M5214B enclosure cannot be used with an EVA6100 solution.
D.Different multipath software must be purchased to assure connectivity.
ANSWER: A

3. Which statement is correct about the allocation policy of snapshots?
A.If one snapshot in a disk group is created using allocation on demand, all snapshots in the same disk group must use allocation on demand.
B.If one snapshot in a virtual disk family is created using allocation on demand, other snapshots in the same virtual disk family can be fully allocated snapshots.
C.If the first snapshot in a virtual disk family is created using the fully allocated method, all subsequent snapshots in the same disk group must be fully allocated.
D.If the first snapshot in a virtual disk family is created using allocation on demand, all subsequent snapshots in the same virtual disk family will use allocation on demand.
ANSWER: D

4. A Vraid5 virtual disk has been created in a 12-member disk group. What is the result of the loss of one disk?
A.addition of a new Redundant Storage Set
B.reordering of disks in each Redundant Storage Set
C.reduction in the number of Redundant Storage Sets
D.no change in the number of Redundant Storage Sets
ANSWER: C

5. You have a disk group set to double protection level that contains only Vraid1 virtual disks. What happens when you have the simultaneous loss of two physical disks from different mirrored pairs within the same Redundant Storage Set (RSS)?
A.Vraid1 data migrates to Vraid5.
B.The Vraid1 fails and there is data loss.
C.The Vraid1 data from the failed disks are reconstructed.
D.The Vraid1 virtual disk stays in degraded mode and data is preserved.
ANSWER: C

6. What happens to the Vraid5 when two disk drives residing in different Redundant Storage Sets go into the Failed State simultaneously? (Select two.)
A.The Vraid5 fails and there is data loss.
B.Data on the remaining disk drives are releveled.
C.The data from the failed disk drives are reconstructed.
D.The two failed drives go into the migrating state to preserve the data.
E.The Vraid5 virtual disk stays in degraded mode and the data are preserved.
ANSWER: BC

7. You set the failure protection level for a disk group with same-sized disks on an Enterprise Virtual Array to single. What is the effect?
A.One disk is reserved as spare space.
B.Two disks are reserved as spare space.
C.A two-disk equivalent is reserved as spare space.
D.A one-disk equivalent is reserved as spare space.
ANSWER: C

8. You set the failure protection level for a disk group with same-sized disks on an Enterprise Virtual Array to double. What is the effect?
A.Two disks are reserved as spare space.
B.Four disks are reserved as spare space.
C.A two-disk equivalent is reserved as spare space.
D.A four-disk equivalent is reserved as spare space.
ANSWER: D

9. What is a physical segment (PSEG) in the Enterprise Virtual Array context?
A.smallest virtual disk space allocated on a disk drive
B.smallest physical disk space allocated on a disk drive
C.disk space containing information about the selected redundancy level of the virtual disk
D.data portion read from or written to a physical disk before the next physical disk is accessed
ANSWER: B

10. You create a Vraid0 LUN in an EVA with 16 disks consisting of two 8-drive RSS sets. What will happen if a single disk fails?
A.The LUN will fail even with an RSS configured.
B.The LUN cannot be configured across two RSS sets.
C.The LUN will continue to operate normally due to the redundancy provided by the RSS sets.
D.The LUN will continue to operate at reduced performance while the RSS sets rebuild the lost data.
ANSWER: A

11. What are features of FATA disk technology? (Select two.)
A.greater than 80% duty cycle
B.extensive command queueing
C.designed for 24 by 7 availability

D.no native Fibre Channel interface on FATA disks
E.same capacity at similar cost as Fibre Channel-SCSI disks
ANSWER: BC

12. Which statement best describes virtual disk leveling?
A.subgrouping drives within a disk group to allow failure separation
B.distributing all user data proportionally across all spindles within a virtual disk
C.distributing all user data proportionally across all spindles within a disk group
D.allocating space per disk group to recover from physical disk failure in that group
ANSWER: C

13. You want to add more drives into the cabinet of an EVA6100 with 8 shelves and 56 drives. What is the HP best practice regarding this?
A.Always add drives into the array in multiples of eight.
B.Set the add disk option to automatic and add the drives.
C.Add all the drives at the same time to minimize disruption to the I/O path.
D.Add the drives into one shelf at a time because the data is stored on all disks in the array and the distribution of the disks is not important.
ANSWER: A

14. A disk group member failure occurs with a Vraid5 virtual disk. What happens to the data if the disk group has assigned spare space and there is also enough available free space?
A.Data from the failed disk are reconstructed into a snapclone.
B.Data from the failed disk are reconstructed into the free space.
C.Data from the failed disk are reconstructed into the default disk group.
D.Data from the failed disk are reconstructed into the allocated spare space.
ANSWER: B

15. How does releveling occur after the loss of one disk in a 16-member group containing ten 10GB Vraid1 Vdisks?
A.across 10 disks in the group
B.across 14 disks in the group
C.across 15 disks in the group
D.across 16 disks in the group
E.The group does not need to relevel.
ANSWER: B

16. What is presented to the specified host if you complete the virtual disk presentation sequence in Command View EVA without specifying a LUN?
A.LUN 0
B.the next available LUN number
C.the highest available LUN number
D.most recently presented LUN number
ANSWER: B

17. Which statements about mirrorclones are correct? (Select two.)
A.A detached mirrorclone cannot be reattached to its source.
B.If the mirrorclone is in a normalized state, you can only detach it.
C.HP recommends keeping mirrorclones in the same disk group as the source.
D.The redundancy (Vraid) level of a mirrorclone must be the same or higher than the source.
E.A mirrorclone delta restore may be made when the mirrorclone source is also the source for a DR group.
ANSWER: AE

18. Which replication method can cause an overcommit situation? (Select two.)
A.clone
B.Vsnap
C.snapclone
D.fully allocated snapshot
E.demand-allocated snapshot
ANSWER: BE

19. Which statements are correct about using thin provisioning in an EVA environment? (Select two.)
A.Capacity utilization is increased.
B.Extension of a LUN cannot be automated.
C.Host agents must be installed on servers.
D.LUN shrink is not always supported for EVA.
E.It can be performed within Command View EVA.
ANSWER: AC

20. What are components of the EVA 4100/6100/8100 Foundation Service?
A.Pre-Sales Consulting, 2-year hardware support, 2-year phone-in support and update
B.Pre-Sales Consulting, 3-year hardware support, 3-year phone-in support and update
C.Installation and Startup, 2-year hardware support, 2-year phone-in support and update
D.Installation and Startup, 3-year hardware support, 3-year phone-in support and update
ANSWER: C