

# **Exam 000-114 study material**

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## **Free 000-114 Exam Preparation Questions**

**Exam 000-114: IBM Systems Storage Implementation for Entry/Midrange DS Series v1**

**Question: 1**

Which of the following could you verify the storage global cache settings?

- A. State Capture
- B. Major Event Log (MEL)
- C. Profile
- D. A and C

**Answer: C****Question: 2**

A customer has a four-node Linux cluster that will boot from a DS4700 and share applications and data on five logical drives on the same DS4700. Which storage partitioning configuration meets this requirement?

- A. Define the Linux cluster as a host group; define all of the host ports (HBAs) for each node in the new host group; map all of the logical drives to the new host group.
- B. Define the Linux cluster in the default host group; define all of the host ports for the cluster in the default host group; map all of the logical drives to the default host group.
- C. Define the Linux cluster as a host group; define each cluster node as a host within the host group; define the host ports (HBAs) for each host; map the boot logical drives to each host; map the shared logical drives to the host group.
- D. Define the Linux cluster as a cluster group; define each node as a host within the host group; map all of the logical drives to the new host group.

**Answer: C****Question: 3**

What are the proper steps to take when adding a new physical hard disk to a DS5000 that will be used to create a new array?

- A. DS5000 powered off; disableDriveMigration.scr; insert physical disk into an empty slot; enableDriveMigration.scr
- B. DS5000 powered off; insert physical disk into an empty slot; DS5000 powered on
- C. DS5000 powered on; enableDriveMigration.scr; insert physical disk into an empty slot; disableDriveMigration.scr
- D. insert drive into tray

**Answer: D****Question: 4**

The customer wishes to increase the segment size of an existing Logical Drive. Where does he need to make this change?

- A. Array level
- B. Sub system level
- C. Logical Drive Level
- D. Controller only

**Answer: C****Question: 5**

After evaluating the current status of a customer's DS4800, it is obvious that some microcode needs to be upgraded. Assuming that several components need to be upgraded, what would be the proper action for these upgrades?

- A. Consult the Fixlist files.
- B. Upgrade the ESM firmware, controller NVSRAM/firmware, and then Storage Manager Client
- C. Consult the Readme files.
- D. Upgrade the Storage Manager Client, ESM firmware, and then controller NVSRAM/firmware

**Answer: C****Question: 6**

After a maintenance action, a DS5100 is powered up again but with the exception of the bottom-most EXP5000. What will the DS5100 do?

- A. Remain in an offline state until the final expansion enclosure is powered on
- B. Place logical drives offline that use drives in the powered down expansion enclosure
- C. Prevent host access to logical drives until power is restored

D. Fail the drives in the powered down enclosure once logical drives are accessed

**Answer: B**

**Question: 7**

If a customer wants to increase the capacity of a logical drive to 700 GB without adding drives to the array, what must be available on the storage subsystem?

- A. Sufficient, unconfigured capacity in the array.
- B. Sufficient free capacity in the array.
- C. Sufficient unconfigured capacity in the subsystem.
- D. Sufficient free capacity in the subsystem.

**Answer: B**

**Question: 8**

Which DS5000 tool is used to generate a .txt file of your current performance?

- A. Storage Subsystem profile
- B. SOC statistics
- C. IOMeter
- D. Performance Monitor

**Answer: D**

**Question: 9**

In a SMB customer environment, which disk drive meets the requirement for large streaming multimedia application requiring the highest capacity, dense storage footprint and lowest cost?

- A. 3 Gbps SAS: 15k rpm 300GB
- B. 3 Gbps S-ATA: 7.200 rpm 750 GB
- C. 3 Gbps SAS: 15k rpm 73 GB
- D. 3 Gbps S-ATA: 7.200 rpm 1.000 GB

**Answer: D**

**Question: 10**

Which statement is ALWAYS true?

- A. The usable capacity of a RAID 6 array is 33%
- B. The usable capacity of a RAID 5 array is 80%
- C. The usable capacity of a RAID 10 array is 50%
- D. The usable capacity of a RAID 10 array is 66%

**Answer: C**

**Question: 11**

Which cache setting CANNOT be configured on the DS4000 from the GUI?

- A. cache block size
- B. cache aging
- C. cache flush start
- D. cache flush stop

**Answer: B**

**Question: 12**

What is the best configuration to optimize performance and reliability on an Exchange server?

- A. Transaction logs and pagefile on same Array Group
- B. Pagefile and store groups on separate Array Group
- C. Store groups and transaction logs on the same Array Groups
- D. Store groups and transaction logs on different arrays

**Answer: D**

**Question: 13**

When updating a Windows 2003 server with a new version of RDAC driver, what should you plan for?

- A. RDAC is no longer supported for legacy installations, and you need to update to the MPIO driver
- B. You need to install the current version of storage manager first.
- C. You need to stop the storage monitor program before starting the upgrade
- D. RDAC replacement requires Server downtime

**Answer: D**

**Question: 14**

What should you do before adding new components to a DS5000 system?

- A. Collect all support data
- B. Clear the Event Log
- C. Run Diagnostics; Read Link Status
- D. Initialize unused drives

**Answer: A**

**Question: 15**

What action do you take to view the progress of a drive that is reconstructing?

- A. Go to Recovery Guru to watch a visualization of the reconstruction progress of the drive
- B. Go to the Pending Status on the Reconstruct Drive command on the Advanced menu in the Subsystem Management window
- C. Go to the Troubleshooting command on the Advanced option in the Major Event Log (MEL) for periodic update statements
- D. Go to logical drive and view properties

**Answer: D**

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