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Question 1. You have been tasked to implement a disk fault tolerance strategy for your company. The disk set should make the most efficient use of disk space and it should also have the fastest access time of all the fault tolerance disk sets under Windows NT. What disk set should you implement? a . Disk striping without parity. b. Volume set c. Disk duplexing d. Disk striping with parity Disk mirroring (duplexing) only make use of 50% of disk space. Therefore, you can eliminate C. Disk striping without parity and volume sets do not provide any fault tolerance. Of all of Windows NTs fault toelarence disks sets, Disk striping with parity prvodies the most efficient use of disk space. It, along with disk striping without parity, provides the fatest read operations of all of NTs disk sets. Question 2. You need to

implement a disk fault tolerance strategy for your company.

Required result : Disk operations must be able to continue if one member fails. Optional results : The boot partition must be part of the disk set. Disk write operations must be optimized. Proposed

soulition : Implement disk striping without parity. Which results does the proposed solution produce? a. The proposed solution produces the required result and the optional results. b. The

proposed solution produces the required result and produces only one of the optional results c. The proposed solution produces the required result but it does not produce any of the optional results. d.

The proposed solution does not produce the required result or the optional results. Although, it is always a good practice to map the proposed solution to the optional results, there are some instances when mapping the proposed solution to the required result is useful. You should do step 2 first only if the presented required result is simple, like in this scenario. By doing step 2 first in this question, the required result is not satisfied. When the required result is not satisfied, then the only possible answer is D. Disk striping without parity does not provide any fault tolerance. Therefore, if one or more member fails in the set, disk operations cannot continue. The required result is not satisfied.

Question 3. Your company is currently using disk mirroring. You have been tasked to implement a new fault tolerance strategy. Required result : Disk operations must be able to continue if two members fail. Optional results : Read operations should be faster than disk mirroring. The system and CPU overhead should be less than disk mirroring. Proposed solution : Implement disk striping with parity. Which results does the proposed solution produce?

a. The proposed solution produces the required result and the optional results. b. The proposed solution produces the required result and produces only one of the optional results c. The proposed solution produces the required result but it does not produce any of the optional results. d. The proposed solution does not produce the required result.

Required result : A) Disk operations must be able to continue if two members fail. Optional results : B) Read operations should be faster than disk mirroring. C) The system and CPU overhead should be less than

disk mirroring. Proposed solution : 1) Implement disk striping with parity. Map 1 to B : A stripe set with parity, along with a stripe set without parity, provides the fastest read operation out of all NTs disk sets. One optional result is satisfied. Map 1 to C : In a stripe set with parity, the CPU is required to calculate the parity bits before writing them to disk. Therefore, the write operations of a stripe set with parity is the slowest out of all NTs disk sets. Optional result C is not satisfied. Result of step 1 : Only one optional result is satisfied. You can eliminate answer A. Map 1 to A : In a stripe set with parity, if one member fails than disk operations can continue. However, if two or more members fail, then disk operations will stop until the failed members are replaced and data is restord from tape backup. Count : The required result is not satisfied. When the required result is not satisfied, then there can only be one possible answer. Question 4. True or False. A volume set does not provide fault tolerance, but it does provide an increase in disk performance. a . True. b. False. A volume set is just a collection of free disk space. A volume set does not provide fault tolerance nor does it provide any increase in disk performance.[1] [2] 下一页 100Test 下载频道开通 , 各类考试题目直接下载。 详细请访问 www.100test.com