

## Building a RAID Server Review

1. What is RAID?
2. What file system is formatted on a hard drive after it is initially installed on a Windows 2008 server?
3. What drive letters are typically assigned to these drives?
  - a. Primary hard drive
  - b. Optical drive
  - c. Secondary hard drive
  - d. External backup hard drive
4. What Windows Server console do we open up to setup a RAID backup configuration?
5. We are trying to troubleshoot a group of Windows 2008 Domain Controllers (DCs) in the tree. How many hard drives do we need to manage a Windows 2008 server having a these different RAID setups?
  - a. Striping on a Windows 2008 server with backup between drives
  - b. Striping on a Windows 2008 server without backup between drives
  - c. Mirroring
  - d. Mirroring with striping
6. What RAID designator are used for these configurations?
  - a. Striping on a Windows 2008 server with backup between drives
  - b. Striping on a Windows 2008 server without backup between drives
  - c. Mirroring
  - d. Mirroring with striping
7. What version of RAID provide no fault tolerance?
8. In a Window's server, we add a second drive to make a RAID 1 server. Both drives need to be converted to what?
9. In what RAID method is data striped to two drives and mirrored to two hard drives?
10. In what RAID method is data striped to three hard drives and the operating system is located on a fourth hard drive?

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11. What is one of the items on the Network Administrator's checklist after RAID setup for data protection?
12. In what RAID method is data mirrored to two hard drives?
13. Samantha converted Disk 0 to Dynamic and has a second SATA drive of equal size ready for RAID 1 configuration. What is the next step in the setup procedure for Samantha?
14. After Samantha has added a second hard drive and made a RAID 1 system, what next automatically takes place?
15. Which of the following RAID designations use striping to send data to multiple drives simultaneously?
16. Which of the following RAID designations will have the entire Windows Server operating system on the backup drive(s)?
17. When Tom is making a RAID 5 storage system on the Windows 2008 Server, he right-clicks on the unallocated space on one of the dynamic disks in the Disk Management pane and he selects what on the popup menu?
18. When Tom is making a RAID 5 storage system on the Windows 2008 Server, he starts the Create Volume Wizard. He should select what option next?
19. What is parity and how is it used to compute the missing data when a data drive fails?
20. What is the nomenclature for the drives that can removed and added without turning the server off?