# Chapter 5 Review

**Instructions:** Answer the following questions from Chapter 5 of your text. Please answer in complete sentences. Some questions may ask you to given an opinion or a possible reason regarding a topic. These questions are usually not found specifically in the text book, but are designed to assist in critical thinking and reasoning.

## Chapter 5

1. Explain the difference between discretionary ACL and system control ACL. **A discretionary ACL is used for shared folders and a system control ACL is used for auditing.**
2. What attributes are stored as header information on an NTFS file system? Which attributes are carried over from the older FAT file system. What is the only way a read only file can be deleted? **The attributes include: volume label, designation, date of creation, and time of creation. Read-only and hidden. A read only file must be deleted in file explorer.**
3. What suggestions does your text book offer regarding when to use the compression attribute? Explain how Microsoft Encryption File System (EFS) works. What happen when an encrypted file is moved to a different NTFS volume on a different computer? What happens if you move an encrypted file to a FAT32 partition? **Compression should only be done on a non-busy server, and user home folders are generally high read-write so they should not be compressed. Encrypts folders and only gives a key to the user that created the folder. It stays encrypted,**
4. What guidelines does your text book provide for setting permissions? **Protect the folder containing OS files, protect server utility folders, protect software application folders, provide users full control of their home folders, use deny sparingly.**
5. Describe the purpose of file or folder auditing. Provide 2 practical examples of why a business would use auditing. **Auditing displays recent activity on a folder or file. Financial information or change logs.**
6. Who owns a folder when it is first created? Who can change ownership of a file? Explain how to change ownership. **The account that creates them, the account that creates them or a user with the Take ownership permission. Select new user in the properties setting for the folder.**
7. Explain the difference between basic share permissions and advanced sharing. Explain how to hide a shared folder from other devices on a network. **Basic sharing only includes read, write, or owner. Advanced sharing allows change, full control, and custom. To hide a folder place a $ after its name.**
8. What benefits are there from configuring shares using Server Manager?
9. Explain the difference between Server Message Block (SMB) and Network File System (NFS).
10. Explain the benefits and purpose of publishing a folder in active directory.
11. What tool is available in Windows Server 2016 to troubleshoot security conflicts? Describe how it works. What happens to the permissions of a file if it is moved to a different volume?
12. Describe the purpose of work folders. How do they benefit employees? Explain how to secure work folders.
13. Define Distributed File System (DFS). Describe the benefits of DFS. Explain the purpose of DFS replication. When does replication happen?
14. Explain the difference between stand-alone and domain based DFS. Describe how DFS interacts with namespace root and replication groups.
15. What would be the purpose of delegating management of DFS? What reason would there be to delete a namespace root?
16. What is the benefit and purpose of disk quotas?