

SQL Server – Protect the Database

Name: _____ Date: _____

1. Prior to AlwaysOn Availability Groups, SQL servers used what three techniques to protect the organization's data?
2. As a limitation in protecting a SQL server, database mirroring only supports _____ secondary.
3. AlwaysOn Availability Groups systems in the 2012 SQL servers support _____ secondary replicas.
4. On a 2012 SQL Server, the Availability Replica Role can only use _____ of the four secondary replicas for synchronous commit availability.
5. What are the two Data Synchronization modes used with the 2012 SQL Server?
6. Which Data Synchronization modes will replicate the data faster to the secondary unit?
7. These are the two AlwaysOn failover modes available when using the New Availability Group Wizard. They are called.
8. When using the AlwaysOn availability Group, what are the names of the Connection Modes for the secondary replicas?
9. The _____ affords a method of connecting to databases within an availability group through a virtual network name that is bound to the primary replica backup.
10. List the prerequisites to deploy the AlwaysOn Availability Groups.

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11. Why is using Windows 2012 SQL server better in Server Core mode than using the GUI application?

12. What did Microsoft create to assist in setting up SQL Core server and allow for an easier administrator interface?

13. How many nodes (SQL 2012 servers) are in the AlwaysOn Availability Groups when at maximum?

14. What mode has the greatest latency when backing up the SQL database using AlwaysOn Availability Groups?

15. What is the minimum server operating system required to run AlwaysOn Availability Groups?

16. What is the minimum number of servers to set up an AlwaysOn Availability Group?