

Encryption in SQL Server 2005

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I have three questions that I have not been able to find answers for. Maybe this is because they are very obvious to everyone but me. Any help would be greatly appreciated.

1. Are keys and certificates restricted (or can be restricted) at the user/schema level? I know that tables can be restricted but if I have a table with two encrypted columns (one by key A and one by Key B) and group 1 and group 2 both have access to the table, I want group 1 to read the data encrypted by key A and not key B and vice versa for group 2.

2. I have a database with encrypted data that is replicated to a reporting server and DR server. How does that work with the keys? Can they be exported and imported on the servers in question and be OK? Same question for restores.

3. And now the really dumb one. If I have a table with column B encrypted, can I do a "Select DecryptByKey(ColumnB) From TableA" as long as I have opened my key correctly? When I try this I either get junk, NULL, or the first letter of the cleartext and that is it.

Links to articles or blogs would be greatly appreciated!!!!

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