

RE: Views

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Hi Justin,

>From your descriptions and explanation clarifying this issue. I understood you would like to encrypt data prevent it from being hacked and you still want a better performance. You concerns are security of your data and its transfer. Have I understood you? Correct me if I was wrong.

First of all, you must understand that SQL Server 2000 does not support database data encryption as such. There are some third party products available doing so. Use google.com to find more detailed descriptions for those tools. (BTW, SQL Server 2005 will have column-level encryption :-)

Here is the link, with which you could get more basic information about SQL Server encryption issues.

SQLSecurity FAQ

<http://www.sqlsecurity.com/DesktopDefault.aspx?tabid=22>

Secondly, it would be recommended that using your client ppplication finishing encryption and decryption instead of letting SQL Server do it, which will also make a big contribution to the performance of SQL Server.

If you are in fear of sniffing in the network, you could use the following method in the KB below to enhance the security.

How to establish and enforce encrypted multiprotocol connections in SQL Server 2000

<http://support.microsoft.com/?id=841695>

Thirdly, here are some documents for preventing yourself from possible SQL Injections

Injection Protection

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnsqlmag04/html/InjectionProtection.asp>

Stop SQL Injection Attacks Before They Stop You

<http://msdn.microsoft.com/msdnmag/issues/04/09/SQLInjection/default.aspx>

Chapter 18 – Securing Your Database Server

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnnetsec/html/THCMCh18.asp>

Last but not the least, please keep the step upgrading to the latest patches for SQL Server 2000 as we will fix the possible critical weakness for SQL Server. For example, here are the latest Security Patches for SQL Server

SQL Server 2000 (32-bit) Security Patch MS03-031

<http://www.microsoft.com/downloads/details.aspx?FamilyID=9814ae9d-bd44-40c5-add3-b8c99618e68d&DisplayLang=en>

SQL Server 2000 (64-bit) Security Patch MS03-031

<http://www.microsoft.com/downloads/details.aspx?FamilyID=72336508-057a-4e86-8f2e-cb1bd3a6a44b&DisplayLang=en>

Thank you for your patience and cooperation. If you have any questions or concerns, don't hesitate to let me know. We are here to be of assistance!

Sincerely yours,

Mingqing Cheng

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Introduction to Yukon! – <http://www.microsoft.com/sql/yukon>

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