

Re: Encrypting Data in SQL 2000

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.sqlserver.security/2006-07/msg00087.html>

- *From:* "Mike C#" <xyz@xxxxxxx>
 - *Date:* Fri, 14 Jul 2006 21:13:11 -0400
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Here are some free XP's that perform column-level encryption using the CryptoAPI:

<http://www.sqlservercentral.com/columnists/mcoles/sql2000dbatoolkitpart1.asp>

"Steven" <Lazans@xxxxxxxx> wrote in message
<news:ucwNjZrpGHA.3324@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

What about Microsoft's Crypto API?

Steve

"Arnie Rowland" <arnie@xxxxxxxx> wrote in message
<news:e8qenSrpGHA.3324@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Very limited.

If using a .NET applicaiton, there is a rich encryption library that could be used at the application level to encrypt data before it is stored in the server, and decrypt it after if is retrieved.

And there are several third party 'Add-ins' to allow encryption via extended procedures.

A very crude 'hiding (and generally ineffective) scheme would be to use one of the checksum() functions and do a one-way process. You couldn't 'decrypt' it but you could use a comparison to verify if an input value matches.

As far as I know, the application level method is the only way to keep a determined DBA (or Admin) from being able to access the encrypted data AND the means to decrypt it. (But then, the question is "Is that a wise decision?, Are you feeling lucky? Go ahead, make my ..."

--

Arnie Rowland*

"To be successful, your heart must accompany your knowledge."

Re: Encrypting Data in SQL 2000

"Steven" <Lazans@xxxxxxxx> wrote in message
news:eDdtTMrpGHA.4812@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

What is the recommended way to store data in SQL Server
2000 encrypted
so not even DBA can see the values? I know SQL 2005 has
encryption at
the row level, but what are my options in SQL 2000?

Thank you,

Steve