

Re: encrypt string in the Web.Config file

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet.webservices/2004-11/0361.htm>

From: Dino Chiesa [Microsoft] (dinoch_at_online.microsoft.com)

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Ken,

If you encrypt the connection string, later you will only have to decrypt it. Which means somewhere you will need to store the key, and you are no more secure than when you started.

It is not the same as encrypting (or hashing) a password – for that you only need to go one way. To verify the password later, you apply the same hash to the candidate password, and compare the hash of the known good password to the hash of the candidate password. If they match, then the user entered the correct password.

But connection strings don't work the same way. You need the plaintext connection string to connect to the database. You cannot use a one-way hash of the connection string. So if you encrypt in the store, you will need to decrypt it later.

Don't despair! There are good options. For a discussion of them, please see this text:

<http://msdn.microsoft.com/library/en-us/dnnetsec/html/secnetlpMSDN.asp>

...specifically, the chapter on data access security,

<http://msdn.microsoft.com/library/en-us/dnnetsec/html/SecNetch12.asp>

in short, the best recommendation is to use integrated security. But see the doc for a full discussion.

–Dino

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`d i n o c h @ O m i t T h i s . m i c r o s o f t . c o m`

"Ken" <Ken@discussions.microsoft.com> wrote in message

news:A8E207E0-28AE-425F-9700-D93399565184@microsoft.com...

> hi

>

> I want to encrypt the Connection String that is located in the Web.Config

> file

>

microsoft.public.dotnet.framework.aspnet.webservices: Re: encrypt string in the Web.Config file

> How Can I do it?