

Problems with Dpapi Tools zip download link

Source:

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2005-01/0261.html>

From: Dominick Baier [DevelopMentor] (dbaier_at_pleasepleasenspamdevelop.com)

Date: 01/25/05

To: microsoft.public.dotnet.framework.aspnet.security

Date: Mon, 24 Jan 2005 16:07:20 -0800

thanks for pointing that out. fixed.

Dominick Baier – DevelopMentor

<http://www.leastprivilege.com>

[<nntp://news.microsoft.com/microsoft.public.dotnet.framework.aspnet.security/>](mailto:nntp://news.microsoft.com/microsoft.public.dotnet.framework.aspnet.security/)

Dominick,

The download link for your dpapi tools is not functional.
Could you please check the site and your zip file?

Thanks,

Phil

"Phil C." <charlestek@rcn.com> wrote in message
news:%23S4MGy1AFHA.3472@TK2MSFTNGP14.phx.gbl...

> *Thanks Dominick,*

>

> *I think this ties in with Svein's last reply regarding creating a dll.*

> *I will download it and try it.*

>

> *Finding some answers to this question was difficult as I googled*

> *considerably and looked*

> *at a lot of .Net forums, but for some reason no one else seems to have*

> *needed to document the answers.*

>

> *Phil*

>

> *"Dominick Baier [DevelopMentor]" <dbaier@pleasepleasenspamdevelop.com>*

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> wrote in message news:eYHB8DIAFHA.936@TK2MSFTNGP12.phx.gbl...
>> i wrote a couple of DPAPI tools (extended the ms impl, a command line tool
>> .. and a ASP.NET frontend) – just upload the single aspx file to the
>> server and you can encrypt whatever strings you like with DPAPI...don't
>> forget to secure that page (or better delete it when you are finished)
>>
>> download:
>> <http://www.leastprivilege.com/PermaLink.aspx?guid=ebd9956e-a36c-4b57-8d58-6ff79a60e43f>
>>
>>
>>
>> ----
>> Dominick Baier – DevelopMentor
>> <http://www.leastprivilege.com>
>>
>>
>> nntp://news.microsoft.com/microsoft.public.dotnet.framework.aspnet.security/>
>>
>> Hi.
>>
>> I'd like to use an encrypted database connection string. I'd also like
>> use
>> an encrypted set of customer tables with a symmetric algorithm (and a
>> secure
>> symmetric key) generated by .Net in my sql server database from asp.net
>> code stored on a shared host asp.net server.
>>
>> I've downloaded a set of vb.net code that is a rewrite of the c# dpapi
>> code posted on msdn. The dpapi should enable me to encrypt the connection
>> string, but the portion of the code that calls the encryption class and
>> encrypts a given string is a console application.
>>
>> The article accompanying the code states: "Note that you'll need to run
>> the
>> console application on the IIS server to generate the encrypted
>> base-64-encoded string. this is because the EncryptString function
>> instructs the DPAPI to use the machine-wide key, so the encryption and
>> encryption will be valid only on the same machine.
>>
>> Since this is on a shared host thousands of miles away, and I don't
>> believe
>> I can run any local console code on it,
>> does this mean I'm sunk???

>>
>> Basically I need some secure way of storing my encrypted connection
>> string
>> and storing
>> my symmetric encryption key. I know how to write the code to use the keys
>> and algorithms to encrypt and decrypt things.
>>
>> I suppose I could hide bits and pieces of the each key

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>> *in different places in the code or database and append them together by
>> hardcoding, but
>> I believe that that could be discovered???? by disassembling my code
>> unless
>> I use a professional obfuscator???.
>>
>> **HELP!**
>>
>> --*Insecure in Boston, MA*
>> -->**GO PATRIOTS!!!!!!!!!!!!!!!**
>>
>>
>>
>> [*microsoft.public.dotnet.framework.aspnet.security*]
>
>*

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