

Re: Encryption question

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From: Alek Davis (*alek_xDOTx_davis_xATx_intel_xDOTx_com*)

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Steve,

Every encryption algorithm when used with the same key (and initialization vector, IV, if applicable) will produce the same ciphertext value from the same plaintext value. Are you saying that you cannot find a sample code that would allow you to encrypt the same value (with the same key and IV) and generate the consistent result? If this is the case, you may not be doing it correctly. Please forget about your application for a moment and just try to solve the problem with a simple text string. There are many examples online explaining ho to do this. If this is not the case, and you cannot achieve consistent results for your particular application (not really sure what you are doing regarding caching of the ASP.NET pages), then you need to focus on the inputs. Make sure that plaintext converted to byte arrays, and key characteristics (key bytes, or password, IV, salt, password iterations, hashing algorithm) are the same.

Alek

"Steve Kallal" <SteveKallal@discussions.microsoft.com> wrote in message news:26F21109-0923-4AA6-AADD-A775FDDB999B@microsoft.com...

> *I need to find a form of encryption that always encrypts a given plain text*

> *string to the exact same encrypted string every time. I want to use a form of*

> *output caching in my ASP.NET application that will use a cached version of a*

> *web page if the query string parameters are exact each time. If the encrypted*

> *query string varies each time, even with the same plain text string, the*

> *cache likely will not work.*

>

> *Every encryption algorithm I have tried so far using the System.Security*

> *namespace, produces a different encrypted string each time I try it.*

>

> *Thanks in advance!*

>

> *Steve Kallal*

microsoft.public.dotnet.framework.aspnet.security: Re: Encryption question

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