

Re: Please Help – Encryption Problems

Source:

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It is probably an encoding problem. Forms auth uses UTF8 encoding and you are using ASCII. I suggest you try switching to UTF8 first.

Joe K.

"Jamie Sutherland" <jamie.sutherland@nhcscotland.no.spam.com> wrote in message news:eH30GnTKEHA.3380@TK2MSFTNGP09.phx.gbl...

> Hi,

> I have a problem in that I have 2 applications writing to the same Database.

> One App is web based and the other is windows/forms based.

> Both have the same job in that they can reset a users password in the

> database. Both are using SHA1 encryption however they both ghive different > results when the programs are run.

> If I run the windows exe file and set the password to password the exe

> encrypts as follows: 5BAA61E4C9B93F3F68225B6CF8331B7EE68FD8

>

> If I run the web based version with the word password I get the following:

> 5BAA61E4C9B93F3F0682250B6CF8331B7EE68FD8

>

> Notice the web version has extra in it.

> Please help..... Below is the code I have been using for both versions:

>

> Web Version:

> Dim PwdAs String = "password"

> Dim hashedPwd As String =

> FormsAuthentication.HashPasswordForStoringInConfigFile(Pwd, "SHA1")

> Return hashedPwd

>

>

> Windows Exe Version:

> Dim PwdAs String = Trim("password")

> Dim Data As Byte()

> Data = System.Text.Encoding.ASCII.GetBytes(Pwd)

> Dim shaM As New SHA1Managed

> Dim resultHash As Byte() = shaM.ComputeHash(Data)

> Dim hashedpwd = ""

```
> Dim b As Byte  
> For Each b In resultHash  
> hashedpwd += Hex(b)  
> Next  
> Return hashedpwd  
>  
>  
> Thanks  
> Jamie  
>  
>
```