

Please Help – Encryption Problems

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2004-04/4804.html>

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Date: 04/23/04

Date: Fri, 23 Apr 2004 14:45:38 +0100

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 give 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