

Forum:[Hack Forums](#)

Thread: [Make you programs safer for others, Avoid Unwanted binding and cracking!](#)

RBH - July 16, 2010, 7:26 am

First of all the credits for this idea go to orgy who maked this thread:

<https://hackforums.net/showthread.php?tid=545488>

I advice you to read that thread because that will explain this functions.

I made a 2 functions to do this.

The first one is MD5get:

Code Public Function Md5Get() As String

Dim MD5 As New System.Security.Cryptography.MD5CryptoServiceProvider

Dim Data() As Byte

Dim hash() As Byte

Dim strData As String = IO.File.ReadAllText(Application.ExecutablePath)

Data = System.Text.Encoding.UTF8.GetBytes(strData)

hash = MD5.ComputeHash(Data)

MD5 = Nothing

Dim strOutput As New System.Text.StringBuilder(hash.Length)

For i As Integer = 0 To hash.Length - 1

strOutput.Append(hash(i).ToString("X2"))

Next

Return strOutput.ToString().ToLower

End FunctionThat function is used by the program to get the md5 hash of the executable.

The 2th function is to check if the md5 hash is right, i did this in combination with a online hosted txt file.

Code Public Function Md5Check() As String

Dim md5 As String

Dim wc = New System.Net.WebClient

Try

md5 = wc.DownloadString("") ' < You Url here with the MD5 textfile: www.example.com/md5.txt

Catch ex As Exception

MsgBox("The txt file is not there or you have no internet access")

Application.Exit()

End Try

If md5 = Md5Get() Then

MsgBox("Valid")

Else

MsgBox("Edited")

End If

End Function

THIS TOO FUNCTIONS ME BE USED IN COMBINATION OTHERS THEY WONT WORK.

You may mod this functions to you needings but you need to give credits ;)

i made this little program using the md5get function to find the md5 of a other file:

[IMG]http://i32.[censored].com/30ux193.png[/IMG]

virusscan

Spoiler ([Click to View](#))File Info

Report date: 2010-07-16 16:22:38 (GMT 1)

File name: GetMd5.exe

File size: 18432 bytes

MD5 Hash: ec8852739e0fc55b89264b02184c0f26

SHA1 Hash: cdffa7899cb7ba0773642da375b1069b10218eb3

Detection rate: 0 on 16 (0%)

Status: CLEAN

Detections

a-squared -

Avast -

AVG -

Avira AntiVir -

BitDefender -

ClamAV -

Comodo -

Dr.Web -

F-PROT6 -

G-Data -

Ikarus T3 -

Kaspersky -

NOD32 -

Panda -

TrendMicro -

VBA32 -

Scan report generated by

NoVirusThanks.org

downloadlink (source included):

Code <http://www.mediafire.com/?xgi86f4a81tm19c>

I made a example project too with md5check and md5get (my url is included for md5 hash checking):

Code <http://www.mediafire.com/?isar64k595gz9iw>

Vordal - July 16, 2010, 7:35 am

What stops them just editing this, as well as whatever else they plan on changing after recompiling your application?

RBH - July 16, 2010, 7:41 am

What do you mean vordal?

This functions are created to use in other programs the md5 changes when somebody trys to hex edit your program and then the program will not be useable.

Vordal - July 16, 2010, 7:45 am

I mean, say your App is HWID protected. So I make some edits, and remove the HWID. Now, thanks to this function, that cracked App won't run. Well done. However, if I am able to remove the HWID Function, there is no reason I can't do the same to this function.

Tate - July 16, 2010, 7:45 am

(Jul 16, 2010 07:41 AM)I am a Pirate! Wrote: [\[CITE\]](#) What do you mean vordal?

This functions are created to use in other programs the md5 changes when somebody tries to hex edit your program and then the program will not be useable.

He means whats stopping them from editing:

PHP Code

```
<?php
```

```
if MD5Hash = MyMD5Hash then
```

```
End if
```

to

PHP Code

```
<?php
```

```
if MD5Hash = MD5Hash then
```

```
End if
```

Anyways, good tutorial, this could be useful.

Neroxan - July 16, 2010, 8:24 am

(Jul 16, 2010 07:45 AM)Tate Wrote: [\[CITE\]](#) He means whats stopping them from editing: Writing your own simple encryption algorithm and encrypting the details, seeing how you should already be doing that for the clients hwid number anyways...

RBH - July 16, 2010, 8:31 am

(Jul 16, 2010 07:45 AM)Vordal Wrote: [\[CITE\]](#) I mean, say your App is HWID protected. So I make some edits, and remove the HWID. Now, thanks to this function, that cracked App won't run. Well done. However, if I am able to remove the HWID Function, there is no reason I can't do the same to this function.

You only need to temporary disable the function and do you edits and then update the web file with the new md5 file and you can run the program again?

Orgy - July 16, 2010, 9:22 am

Those of you saying "What if they crack it?"

Sure, but that can be said with any method. What if you don't offer HWID protection, you'd like to make a free version, and you don't want users binding shit to your program? Boom, this solves that problem, since binding it would create a different hash.

You could step this up by also checking filesize, etc.

This will work really well against skids that just like to bind their cybergates or plaguebots to shit.

And with the proper obfuscation, it will hinder crackers

nathan72389 - July 16, 2010, 9:28 am

um.... what prevents me from changing your app to simply skip all your little md5 bullshit checks?

if md5 = ok then form1.show.. blah! we can bypass that so that regardless it will always be correct

if username found on online DB.. blah... we can skip that function also.

Orgy - July 16, 2010, 9:35 am

(Jul 16, 2010 09:28 AM)nathan72389 Wrote: [\[CITE\]](#) um.... what prevents me from changing your app to simply skip all your little md5 bullshit checks?

if md5 = ok then form1.show.. blah! we can bypass that so that regardless it will always be correct

if username found on online DB.. blah... we can skip that function also.
See my post above. The typical skid wouldn't know how to do that

RBH - July 16, 2010, 9:52 am

(Jul 16, 2010 09:28 AM)nathan72389 Wrote: [\[CITE\]](#) um.... what prevents me from changing your app to simply skip all your little md5 bullshit checks?

if md5 = ok then form1.show.. blah! we can bypass that so that regardless it will always be correct

if username found on online DB.. blah... we can skip that function also.
blah.. This is just BLah example, you know BLAH!
just to give people a idea BLAHBLUB!

BLAH DRUNKEN REDNEK

¶_¶ - July 16, 2010, 11:25 am

But it's not a binder protector. If we bind the file with another it will run.

RBH - July 16, 2010, 12:22 pm

@q_q yes you are right but it will atleast warn you ;)

¶_¶ - July 16, 2010, 12:23 pm

Yes, thanks for the idea. :]

GyroErbin0 - July 16, 2010, 12:35 pm

how about doing it like this ;)

Code Public Sub Md5Check()

Dim md5 As String

md5 = "Already calculated Md5 of your app" < Calculated MD5 of your app :) (NO INTERNET
CONNETION :))

End Try

If Not md5 = Md5Get() Then

Me.Close

End If

End Sub

¶_¶ - July 16, 2010, 12:38 pm

That's what I was thinking about. Then add HWID protection, login protection & imagination.

GyroErbin0 - July 16, 2010, 12:41 pm

@ Nathan72389

We knew and still know it's easy to bypass this but just keep it simple :) some people here where maybe looking for this kind of snippet

@ I am a Pirate!

Thnx for posting this example its veryhelpfull (and don't call nathan a Drunken Technek) nathan is

a very high rated member without him many people including me would not be coding or making these programs so . (got nothing more to say)

@ ƒ_ƒ

Yeah that's a good idea but isn't it hard to login @ hf with ƒ_ƒ lolz

/Win

Vorfin - July 16, 2010, 12:45 pm

(Jul 16, 2010 12:35 PM)†FenimiN† Wrote: [\[CITE\]](#) how about doing it like this ;)

```
Code Public Sub Md5Check()
```

```
    Dim md5 As String
```

```
    md5 = "Already calculated Md5 of your app" < Calculated MD5 of your app :) ( NO INTERNET  
CONNETION : ) )
```

```
    End Try
```

```
    If Not md5 = Md5Get() Then
```

```
        Me.Close
```

```
    End If
```

```
    End Sub
```

Even worse, just hex the MD5.

RBH - July 16, 2010, 12:48 pm

(Jul 16, 2010 12:41 PM)†FenimiN† Wrote: [\[CITE\]](#) @ Nathan72389

We knew and still know it's easy to bypass this but just keep it simple :) some people here where maybe looking for this kind of snippet

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Thnx for posting this example its veryhelpfull (and don't call nathan a Drunken Technek) nathan is a very high rated member without him many people including me would not be coding or making these programs so . (got nothing more to say)

@ ƒ_ƒ

Yeah that's a good idea but isn't it hard to login @ hf with ƒ_ƒ lolz

/Win

You know i was trolling about Nathan do you -.-?

Bitwin - July 16, 2010, 12:50 pm

(Jul 16, 2010 12:41 PM)†FenimiN† Wrote: [\[CITE\]](#) @ I am a Pirate!

Thnx for posting this example its veryhelpfull (and don't call nathan a Drunken Technek) nathan is a very high rated member without him many people including me would not be coding or making these programs so . (got nothing more to say) You know he calls himself a drunken rednek ?..

GyroErbin0 - July 16, 2010, 12:54 pm

yeah i know ^^ but i;m just joking lol (am really bored and my head hurts bcause my stbu gen is failing on me >.<)

anyways gl with your thread :)

RBH - July 16, 2010, 1:59 pm

(Jul 16, 2010 12:54 PM)†FenimiN† Wrote: [\[CITE\]](#) yeah i know ^^ but i;m just joking lol (am really bored and my head hurts bcause my stbu gen is failing on me >.<)

anyways gl with your thread :)

Thanks for GL, I hope this will help people to come up with some idea's.

Anfrany1 - July 16, 2010, 2:02 pm

Thinking about doing this. The way I was doing a HWID lock with my programs as it connects to my website, looks for their PC name in a folder, if it doesn't find it shuts down. If it does find it, it looks for the HWID in the file, then it checks their combination that they received when they purchased the program. This will help though, thanks :)!

RBH - July 16, 2010, 2:42 pm

(Jul 16, 2010 02:02 PM)Anfrany1 Wrote: [\[CITE\]](#) Thinking about doing this. The way I was doing a HWID lock with my programs as it connects to my website, looks for their PC name in a folder, if it doesn't find it shuts down. If it does find it, it looks for the HWID in the file, then it checks their combination that they received when they purchased the program. This will help though, thanks :)!

No problem mate, Credits go to me and orgy!