

Forum:[Hack Forums](#)

Thread: [A real Advanced HWID Protection System !](#)

Wrekonize - July 13, 2015, 7:16 am

Hello ,

since am new to this community , I wanted to share some of stuff ?

So in this Tutorial , i will explain everything from the beginning till the end :

First of all , make an empty project , name it what ever you want and then add new a class & name it what ever you want , Replace all the codes in it with this one:

pastebin.com/Mn6qQ1Gp

Now , you've Imported 2 Classes inside this namespace , HWIDClass & CryptoClass .

HWIDClass : Which is responsible for getting the user's unique HWID MD5 Encrypted, You will need to add { System.Management } as a reference.

CryptoClass : Which is responsible for the encryption , you can see something named as "Key" , in both "Encrypt" & "Decrypt" , You can put your own preferred key inside it . DO NOT Share it when you release your program.

Now Add Another new class and name it what ever you want , then replace all codes in it with this one :

pastebin.com/gTsVShxt

This class will be used in a timer , simply in order to prevent common Debuggers from debugging your Application . [i know that it's not good enough , i am just too lazy to get every single process hash to include it in the protection thread]

Now , Let's go to our form , Add 1 label , 1 Textbox & 1 Button , go to code tab and You should be using the following namespaces :

```
Code using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Net;
using Crypto;
using Protection;
```

Then Simply Double click on the Form [In order to obtain the Form1_load Event]

then first , write before it this :

```
Code String Packet;
String SecurityCheck;
```

```

bool CrashAPP;and write the following inside it :
Code if (ProtectionClass.Connection() == true)
{
    CrashAPP = false;//Ehh , Dont Crack the app , Connection is OK !
    if (System.IO.File.Exists("C:\\Windows\\bootstat.dll"))
    {
        CrashAPP = true; //Fucking Crash Dat app, Cracking Attempt found !
        Application.Exit();//Checks for the file that was generated by the Protection Thread , if it's
there , means that there was a cracking attempt , = Exit Instantly.
    }

    WebClient Downloader = new WebClient();
    try
    {
        if (System.IO.File.Exists("C:\\Windows\\System\\drivers\\etc\\hosts"))
        {
            System.IO.File.WriteAllText("C:\\Windows\\System32\\drivers\\etc\\hosts", " "); // Prevents
Hosts Cracking way
        }
    }
    catch (Exception ErrorFileOpened) { MessageBox.Show("Error : Couldn't Access Some files
! "); Application.Exit(); } // IF Couldn't Access etc folder / delete hosts
    //if hosts file was deleted & everything is cool then do the following :
    Packet = Downloader.DownloadString("pastebin. com/raw.php?i=GBKqFL22"); // Put your
own Pastebin here

    try { System.IO.File.WriteAllText(Application.StartupPath + "\\Keys.lc",
CryptoClass.Encrypt(Packet)); }//Makes a .LC file [ Aka License file] With a x2 Encrypted HWID.
    catch (Exception AccessDenied) { MessageBox.Show("Error : Couldn't access some files !",
"Error 0xAC1", MessageBoxButtons.OK, MessageBoxIcon.Error); Application.Exit(); }
    try
    {
        SecurityCheck = System.IO.File.ReadAllText(Application.StartupPath + "\\Keys.lc"); // if it's
really a generated LC File then read it .
    }
    catch (Exception FileNotFound) { MessageBox.Show("Error : Couldn't read license file !",
"Error 0xAC2", MessageBoxButtons.OK, MessageBoxIcon.Error); Application.Exit(); }
    if (Packet.Contains(CryptoClass.Encrypt(HWIDClass.ENCRYPTEDHWID())))
    {
        if
(CryptoClass.Decrypt(SecurityCheck).Contains(CryptoClass.Encrypt(HWIDClass.ENCRYPTEDHWI
D())))//Decrypts the x2 Encrypted String 1 Time , Then Encrypts The user hwid and Compares
between them.
        {
            monoFlat_ThemeContainer1.Text = this.Text + " [valid]";
            MessageBox.Show("Congratz You are an Activated User !"); // this will be for test purposes ,
you can do further more things  than dat.
        }
    }
    else
    {
        this.Text = this.Text + " [Invalid]";
    }
}

```

```
}
textBox1.Text = HWIDClass.ENCRYPTEDHWID();
```

replace the link inside this code :
Code Packet = Downloader.DownloadString("pastebin.com/raw.php?i=GBKqFL22");
with the one you would like to put the encrypted HWID inside to check for .

Now copy the same code that was in the form1 into button event and everything should be good ,
add 2 timers , name the first with "ProtectionThread" And change the following Properties :

Enabled = True ; Interval : 5000 ;

Then name the second one with : "HeartBeatCheck" and change the following Properties :

Enabled = True ; Interval : 50 ;

Then Double click the first timer and add the following code :

```
ProtectionClass.Protection();
```

Then Double click the second one and Write the following code :

```
Code if (!ProtectionThread.Enabled)
{
    Application.Exit(); // Mostly , Prevents Killing your Protection Timer.
}
if (CrashAPP)
{
    System.Diagnostics.Debugger.Launch();//Gives an unhandled exception if the application
has not exited already =D
}
```

Now your application is done , but in order to make the activation work , you will need an HWID
Encrypter in order to put the right output into Pastebin

so in the attachement , there is the project itself & The activate , you MUST put the same key in the
Activator as well.

Download Source :

ge.tt/8Vak6JK2/v/0

Royal Bash - July 13, 2015, 7:19 am

Nice first post, welcome to the forums.

Wrekonize - July 13, 2015, 7:20 am

(Jul 13, 2015 07:19 AM)VenomFX Wrote: [\[CITE\]](#) Nice first post, welcome to the forums.
Thank you sir , really appreciated ?

Regan - July 13, 2015, 7:21 am

Nice first post, hope to see more from you.

Wrekonize - July 13, 2015, 7:27 am

(Jul 13, 2015 07:21 AM)Regan Wrote: [\[CITE\]](#) Nice first post, hope to see more from you.
Thank you very much <3 ?

I will keep posting similar things soon :3

newmecha - July 13, 2015, 11:15 am

This is looking pretty great. Just an idea instead of overriding the host file because that requires admin rights you can check for loopback something like this.

Code snippet:
using System.Net;

```
IPHostEntry ipHostEntry = Dns.GetHostEntry("Url to check");
bool isLoopback = false;
foreach(var address in ipHostEntry.AddressList)
{
    isLoopback = IPAddress.IsLoopback(address);
    if(isLoopback)break;
}
```

if (isLoopback) Application.Exit(); <-- You can actually place that in the foreach loop.

jarvur - July 13, 2015, 11:25 am

Horrible conventions. You should fix them.

Odus - July 13, 2015, 11:43 am

You don't fool me!

Only3 - July 13, 2015, 12:01 pm

Title should be > Advanced HWID System
and few things can be done better but its ok

Wrekonize - July 13, 2015, 12:51 pm

(Jul 13, 2015 11:43 AM)Odus Wrote: [\[CITE\]](#) [img]i.imgur.com/aq1KPzP.png[/img]

You don't fool me!

This might be my big brother ? , that's really my first time ._.

or it might be someone else , since here in Egypt our IP is Dynamic , Means that it continuously changes on every PC Restart / Router Restart .

so not sure. :S

(Jul 13, 2015 11:15 AM)newmecha Wrote: [\[CITE\]](#) This is looking pretty great. Just an idea instead of overriding the host file because that requires admin rights you can check for loopback something like this.

Code snippet:
using System.Net;

```
IPHostEntry ipHostEntry = Dns.GetHostEntry("Url to check");
bool isLoopback = false;
foreach(var address in ipHostEntry.AddressList)
{
```

```
isLoopback = IPAddress.IsLoopback(address);  
if(isLoopback)break;  
}
```

if (isLoopback) Application.Exit(); <-- You can actually place that in the foreach loop.
This one is actually much better than mine , ldk why i didn't think about it

Really Thanks for improving my system ?

newmecha - July 13, 2015, 3:17 pm

Wrekonize,

If you want you can shrink that down to a one liner as well, little harder to understand but as followed

```
Code if (Dns.GetHostEntry("urlhere").AddressList?.FirstOrDefault(IPAddress.IsLoopback) != null)  
Application.Exit();
```

Odus - July 13, 2015, 3:32 pm

(Jul 13, 2015 03:17 PM)newmecha Wrote: [\[CITE\]](#) Wrekonize,

If you want you can shrink that down to a one liner as well, little harder to understand but as followed

```
Code if (Dns.GetHostEntry("urlhere").AddressList?.FirstOrDefault(IPAddress.IsLoopback) != null)  
Application.Exit();
```

Can be shrunken further:

```
Code if (Dns.GetHostEntry("urlhere").AddressList.Any(IPAddress.IsLoopback)) Application.Exit();
```

newmecha - July 13, 2015, 4:21 pm

Ah yes forgot .Any() also if your not sure what the ? was for its a null conditional operator.

Only3 - July 13, 2015, 4:22 pm

should be

```
if (IPAddress.IsLoopback(Dns.GetHostEntry("url").AddressList[0])) Application.Exit();
```

newmecha - July 13, 2015, 4:30 pm

Only3,

Checking against the first entry should be enough yes.

tweety - July 14, 2015, 12:35 am

This isn't secure at all. Someone with no coding knowledge can crack this easily with 2 changes to an op code.

SIM-1809171 - July 14, 2015, 7:48 am

Posting to return.

Looks great ty OP

WeeDLY - July 14, 2015, 8:15 am

Looks great OP. Will have a look later :>

Wrekonize - July 14, 2015, 2:23 pm

(Jul 14, 2015 12:35 AM)Tweety. Wrote: [\[CITE\]](#) This isn't secure at all. Someone with no coding knowledge can crack this easily with 2 changes to an op code.

There is something called "ConfuserEX" & "DotNetRenamer" , i don't think that someone could

crack such app when all these are included in one program ?

Also , if you checked my code , he got only 1 chance to crack the app , then simply it will keep closing / crashing on every launch ;)

[ofc you gotta rename the file because some people will start searching for it from now on xd]