

Forum:[Hack Forums](#)

Thread: [\[Opinion\]\[Preview\] HWID System by KoBE \[Encrypted HWID + Online Management\]](#)

TLF-KoBE - February 17, 2011, 11:31 pm

[\[Opinion\]\[Preview\] HWID System by KoBE \[Encrypted HWID + Online Management\]](#)

Thank you for viewing my thread. I would really appreciate your opinions. First thing is, whether you think there is a need for such a program. I've seen many attempts at making something like this (GUIDtech) but they haven't been very good. My question I guess is, would people buy it? If so, buy the service (Me give them a username password, then they use the key and I host the HWID server.) or Buy the System including the PHP files.

Here are the features:

Easy to implement

To use the system in your project it only takes 4 lines of code.

Unique Key

Each user is given a unique key to use in their programs. What it does, is encrypt their HWID and then sends it to the server. Before that, the key is salted with a Master key to prevent decryption by intercepting the message.

Message from server encrypted and Unique

After validation, the response from the server is encrypted to prevent crackers from gaining access to your program. Each response from the server is Unique preventing crackers from sending fake response to the program (ie redirecting traffic via hosts file)

Web Based System

Once logged in, you can add/remove HWID's instantly with immediate effect.

Screenshots:

Video [\(Click to View\)](#)

[Video: <http://www.youtube.com/watch?v=CXIJEK9SfS0>]

Implementation [\(Click to View\)](#)

[img]<http://coryshivers.com/upload/files/hwidsystem.jpg>[/img]

Online Management [\(Click to View\)](#)

[img]<http://coryshivers.com/upload/files/onlinemanagement.jpg>[/img]

Response from server [\(Click to View\)](#)

8Se2SwEO8wTq67QT7/gTdwVIHwMeazknku/SabY9Hk5EWtilLdfE45I/IVzFIHiS+Q7Wol5GKppP4uOzuECjdA==

Now that that's over, I would like your honest opinions about this. Also, if anyone is interested, it would be awesome if I could get some people to try and crack this. Pm if you are interested. I would consider giving this away for free, but I had very little experience in PHP before this project so I've been putting in some work! Also, there are plenty of HWID systems out now for free. This one IMO is better though. Please share your thoughts..

Side note:

[Home and Learn](#) is a great site. Helped me TREMENDOUSLY when I was working on the PHP for this. I highly suggest anyone learning either VB.Net, C#, or PHP.. check it out.

lyncstaa - February 17, 2011, 11:47 pm

kk i will try and crack, done it b4 with sumthing like this

hackerboy8320 - February 18, 2011, 2:03 am

If your going to get people to try and crack this you may want to get a new secret key as it will be harder to decrypt and encrypt the HWID. (Am I right?)

Vysse - February 18, 2011, 3:29 am

I like the idea of it all but security would be key... and my idea of security is if you are a good cracker then you will be good at protecting a project...

TLF-KoBE - February 18, 2011, 9:58 am

(Feb 18, 2011 03:03 AM)Re0x Wrote: [\[CITE\]](#) If your going to get people to try and crack this you may want to get a new secret key as it will be harder to decrypt and encrypt the HWID. (Am I right?)

Well yeah, I would make a new random key. I just want to get a general idea on how solid this system is.

(Feb 18, 2011 04:29 AM)Vysse Wrote: [\[CITE\]](#) I like the idea of it all but security would be key... and my idea of security is if you are a good cracker then you will be good at protecting a project...

I'm not a good cracker, I can get passed normal HWID protection, as many people on HF can. I don't think any program is uncrackable. I just would like to see if this is atleast hard to crack, instead of easy like every HWID system on HF. I think this would be a lot harder considering each user would have a unique key, salted with my master key.

Thanks for you responses!

bobolobo - February 18, 2011, 11:37 am

I think you should try to make kobac crack it... he have cracked alot of protection systems on HF and if he cant crack it, it is god damn safe! :)

Immortal - February 18, 2011, 4:09 pm

Are you gonna release this? just what i need..

TLF-KoBE - February 18, 2011, 5:30 pm

(Feb 18, 2011 05:09 PM)ImMoRtAl- Wrote: [\[CITE\]](#) Are you gonna release this? just what i need..

Im thinking about selling it, I'm not sure if am going to sell the system with resell rights, or just sell the service and let people use it. Or perhaps both.. that's what I'm trying to get people's opinions on. And at what price I should set it at.

?eumonic - February 18, 2011, 6:31 pm

I say you sell the entire system. My justification:

- Application Developers have a better overview of their users.
- Application Developers have more control over the server's up/down time.

Just my two cents,
~Zero

TLF-KoBE - February 18, 2011, 6:35 pm

(Feb 18, 2011 07:31 PM)xZ3ROxPROJ3CTx Wrote: [\[CITE\]](#) I say you sell the entire system. My justification:

- Application Developers have a better overview of their users.
- Application Developers have more control over the server's up/down time.

Just my two cents,

~Zero

I appreciate the feedback.

Immortal - February 18, 2011, 9:33 pm

i says source so we can mod it..

Ag3nt - February 18, 2011, 9:36 pm

So you can leech it?

Host it yourself it will be worth more

Bolt - February 18, 2011, 9:53 pm

I honestly wouldn't buy this since it could be bypassed easily. But it will be great if you release it for free and let others learn from it and probably even make it better.

TLF-KoBE - February 18, 2011, 9:59 pm

(Feb 18, 2011 10:53 PM)Bolt Wrote: [\[CITE\]](#) I honestly wouldn't buy this since it could be bypassed easily. But it will be great if you release it for free and let others learn from it and probably even make it better.

I don't think this can be bypassed so easy. I mean, I know it CAN be, but definitely not as easy as the HWID systems that are on HF.

TheCrackEr - February 21, 2011, 11:48 am

hmm nice hwid-system ?

Will this system be free or you sell it?

DarkCore - February 21, 2011, 1:35 pm

What's the point of posting this where tutorials and where people ask questions???

TLF-KoBE - February 21, 2011, 3:03 pm

(Feb 21, 2011 12:48 PM)TheCrackEr Wrote: [\[CITE\]](#) hmm nice hwid-system ?

Will this system be free or you sell it?

Thinking about selling it.

(Feb 21, 2011 02:35 PM)DarkCore Wrote: [\[CITE\]](#) What's the point of posting this where tutorials and where people ask questions???

Because a majority of people that would use something like this are in this sub forum.

Doctor07 - February 21, 2011, 5:01 pm

Woah, Howmuch will you be selling this?

or do you wanna release it for free anytime soon?! :D

This looks fab :)

codepoet - February 21, 2011, 5:27 pm

Very nice work mate.... cant wait to see it in alpha stage..

[H]ell - February 21, 2011, 5:59 pm

(Feb 18, 2011 10:59 PM)KoBE Wrote: [\[CITE\]](#) I don't think this can be bypassed so easy. I mean, I know it CAN be, but definitely not as easy as the HWID systems that are on HF. How do you know? You said you aren't a good cracker, how would you know when something is hard to crack or not?

How exactly are you encrypting the keys right now?
RSA?

TLF-KoBE - February 21, 2011, 8:33 pm

(Feb 21, 2011 06:01 PM)Exploit™ Wrote: [\[CITE\]](#) Woah, Howmuch will you be selling this? or do you wanna release it for free anytime soon?! :D

This looks fab :)

Thanks, I'm not sure yet.. thinking I will host a system and sell access for \$5 per app, and sell the system with resell rights for \$20. That's just an idea, there are still a few changes I want to make before it's ready to release.

(Feb 21, 2011 06:59 PM){H}ell Wrote: [\[CITE\]](#) How do you know? You said you aren't a good cracker, how would you know when something is hard to crack or not?

How exactly are you encrypting the keys right now?
RSA?

What I know is that it is harder to crack than the systems currently on HF. The HWID is encrypted with AES-256. If you would like to have a try at it, I can throw a test app together. Nobody has currently gave it a shot so I would be very glad to see what somebody can do.

ChineseFountain - February 21, 2011, 8:59 pm

I like this.

I had an idea for this a while ago. It never took off. :(

ra1d - February 22, 2011, 2:28 am

Sell it and earn some money from your work dude :)
Good job!

Doctor07 - February 22, 2011, 5:55 am

ahh right cool cool :D cant wait to see it in action :P

[H]ell - February 22, 2011, 6:29 am

(Feb 21, 2011 09:33 PM)KoBE Wrote: [\[CITE\]](#) Thanks, I'm not sure yet.. thinking I will host a system and sell access for \$5 per app, and sell the system with resell rights for \$20. That's just an idea, there are still a few changes I want to make before it's ready to release.

(Feb 21, 2011 06:59 PM){H}ell Wrote: [\[CITE\]](#) How do you know? You said you aren't a good cracker, how would you know when something is hard to crack or not?

How exactly are you encrypting the keys right now?
RSA? What I know is that it is harder to crack than the systems currently on HF. The HWID is encrypted with AES-256. If you would like to have a try at it, I can throw a test app together. Nobody has currently gave it a shot so I would be very glad to see what somebody can do.
Hmm AES... How would you keep the KEY protected from being extracted from the EXE?

You will be better off using RSA, since that has a public key, and a private master key.

AES uses the same key for both encryption and decryption.

And if you use AES in client side application, I will just be able to extract it from the EXE, and then decrypt all the packets.

TLF-KoBE - February 22, 2011, 10:23 pm

(Feb 22, 2011 07:29 AM){H}ell Wrote: [\[CITE\]](#) Hmm AES... How would you keep the KEY protected from being extracted from the EXE?

You will be better off using RSA, since that has a public key, and a private master key.

AES uses the same key for both encryption and decryption.

And if you use AES in client side application, I will just be able to extract it from the EXE, and then decrypt all the packets.

Thanks for the input, I'll look into RSA. I chose AES because I need to be able to encrypt/decrypt with PHP and VB.net. This was the easiest path for me to take considering I've never had experience with RSA. Would you mind taking a crack at this?

6e756c6c - February 23, 2011, 12:08 am

You'll want to use both RSA and AES. Net Seal was using just AES a while back and someone finally figured it out and cracked it so I had to update the system to use RSA.

carrot223 - February 23, 2011, 12:44 am

Very interested.

Just joined this forum to read some of the earlier (and somewhat disappointing) HWID locking threads.

I am interested in paying for it (not a hosted version).

I would need to be able to edit the system to do the following:

1 not have a separate app for generating the HWID, instead on main app load, check if registered, and if not display registration form.

2.Registration form to include paypal email address field and transactionID field. On completion, should send details to database so i can then check against my transaction details and activate as required.

If your code is clean and well commented i could easily do this myself.

Let me know if your interested, i can send you some cash, even if the system's not finished.

@ AeonHack

Your system is obviously tried and tested and looks impressive, but is unfortunately a hosted solution as far as i can see.

Do you offer any non hosted solution? I am not fussed about nice front ends, and would happily add users straight to the database if needed, but simply can not rely on a third party to host licensing for my app.

Exclusive - February 23, 2011, 1:43 am

Please send or how much???

I'll be your tester and ill vouch, i have a webhost ready to use it and a program being made to use it

on!

[H]ell - February 23, 2011, 1:56 am

(Feb 23, 2011 01:08 AM)Aeonhack Wrote: [\[CITE\]](#) You'll want to use both RSA and AES. Net Seal was using just AES a while back and someone finally figured it out and cracked it so I had to update the system to use RSA.

The profit of using both RSA and AES?

The AES key can still be read, making it nothing harder to crack the RSA with or without AES.

6e756c6c - February 23, 2011, 2:33 am

(Feb 23, 2011 02:56 AM)[H]ell Wrote: [\[CITE\]](#) The profit of using both RSA and AES?

The AES key can still be read, making it nothing harder to crack the RSA with or without AES.

No, you shouldn't encrypt large amounts of data with RSA so the idea is to encrypt a symmetric key (AES) with RSA.

[H]ell - February 23, 2011, 3:35 am

(Feb 23, 2011 03:33 AM)Aeonhack Wrote: [\[CITE\]](#) No, you shouldn't encrypt large amounts of data with RSA so the idea is to encrypt a symmetric key (AES) with RSA. Don't know what large amounts of data you would have to encrypt using a HWID protector, but then again, how would you acquire the master key to decrypt the AES key?

You would have to store the master key in your client app, rendering the RSA completely useless.

Or you could store it on a webserver, and then use a web request to retrieve the master key, which makes you vulnerable to packet sniffing again.

Please enlighten me on this.

6e756c6c - February 23, 2011, 4:24 am

The AES key would be randomly generated when needed, encrypted with your RSA public key, and sent along with the rest of the encrypted data to the remote server.

TLF-KoBE - February 23, 2011, 10:35 am

(Feb 23, 2011 05:24 AM)Aeonhack Wrote: [\[CITE\]](#) The AES key would be randomly generated when needed, encrypted with your RSA public key, and sent along with the rest of the encrypted data to the remote server.

Sounds smart... I would need to modify mine a bit to implement something like that. Thank you both for the info.

Doctor07 - March 1, 2011, 7:20 am

I still can't get over the fact of how good this is,
it seems amazing and I thought it should sell well to those
beginner developers that want to secure their program :D

?Kreedz?™ - March 1, 2011, 9:19 am

Looks nice, but you should release it for free as there is great HWID locks for like 5\$, haffaffy one or something like this