

Forum:[Hack Forums](#)

Thread: [Getting rid of PayPal Chargebacks with a sellers API for HackForums](#)

Raz?r - November 28, 2014, 10:07 pm

Hey guys, today I had an idea how we could prevent getting chargebacks with PayPal.

Most sellers use AutoBuy systems to sell their products on HF, sadly this also leaves us vulnerable to chargebacks as we can not identify the HackForums user that bought the products.

Now my idea would be an API that allows us to setup identify the user that buys our products. It could work like this:

- 1) Within our UserCP we can setup an encryption key.
- 2) We can use a bb-code tag like [userinformation] that will contain the user-information encrypted with the key the seller has set in his UserCP.
It would contain the UID, current Username, positive/negative reputation count, upgrade status (yes/no), post count.
- 3) We could then add the [userinformation] tag to our links to the autoubuy system i.e.
[http://product.com/buyproduct.php?ui=\[userinformation\]](http://product.com/buyproduct.php?ui=[userinformation])
- 4) On our website we can then decrypt this information and store the UID in the database with the bought license, or even deny auto-buy to a user with a high negative reputation or low post count etc.

I guess this could help HF sellers a lot as we could easily open scam-reports on those who charged back. The information would be encrypted and no personal information would be included, so this would not really damage our privacy.

So what do you guys think?

? Razor

Small edit: I know API isn't really the right description for this, but I didn't find any other good word to describe it, sucks to not be a native english speaker :P

Aurora - November 28, 2014, 10:09 pm

I personally think this is a great idea. Not sure if Omni wants to get involved with this though.

bswap - November 28, 2014, 10:11 pm

And whats stopping someone from abusing this by spoofing another users info and then going on a scamming spree?

Raz?r - November 28, 2014, 10:13 pm

(Nov 28, 2014 11:09 PM).Sinister Wrote: [\[CITE\]](#) I personally think this is a great idea. Not sure if Omni wants to get involved with this though.

In my opinion there is no reason to deny this, it would help the members who try to sell their products here a lot, it isn't too hard to code (it's only a very few lines of PHP + an additional column in the user table) and he could also only offer this feature to upgraded members, so there would be yet another benefit of upgrading.

grady - November 28, 2014, 10:13 pm

Not a bad idea, but what if Nyx wanted to go Autobuy some porn?
What would happen then?

Raz?r - November 28, 2014, 10:14 pm

(Nov 28, 2014 11:11 PM)bswap Wrote: [\[CITE\]](#) And whats stopping someone from abusing this by spoofing another users info and then going on a scamming spree?

The encryption. Every seller has his own encryption key, so the information can not be modified without knowing the key. For additional security the keys could be automatically generated (so sellers have to use a secure one, because they don't have a choice).

GoofyGoober - November 28, 2014, 10:14 pm

Sounds like a fantastic idea to me, I think this might actually work.

Raz?r - November 28, 2014, 10:15 pm

(Nov 28, 2014 11:13 PM)?Infamy Wrote: [\[CITE\]](#) Not a bad idea, but what if Nyx wanted to go Autobuy some porn?

What would happen then?

Well I guess he will fap after a few minutes then, idk.

Gerion - November 28, 2014, 10:16 pm

This sounds like an awesome idea.

Hopefully it is accepted

grady - November 28, 2014, 10:19 pm

(Nov 28, 2014 11:15 PM)Raz?r Wrote: [\[CITE\]](#) Well I guess he will fap after a few minutes then, idk. Regardless, it's a really good idea.

There will be a few exceptions, but nothing that'd be annoying to deal with.

There's not that many cases of legitimate users far into the red zone. (stating the obvious.)

Although, as you said, it's something that I doubt Omni would be getting into in the near future.

I'd personally like to think that Omni takes on one big project, and then afterwards, spends like the next month fixing and keeping up with little issues on the forum.

It'd be a nice next project though, although the implementation of it outside the actual forum would be shaky at best.

I think it'd be something like OMC, it looks like a good idea, but it just doesn't catch on that well.

Raz?r - November 28, 2014, 10:24 pm

(Nov 28, 2014 11:19 PM)?Infamy Wrote: [\[CITE\]](#) Regardless, it's a really good idea.

There will be a few exceptions, but nothing that'd be annoying to deal with.

There's not that many cases of legitimate users far into the red zone. (stating the obvious.)

Although, as you said, it's something that I doubt Omni would be getting into in the near future.

I'd personally like to think that Omni takes on one big project, and then afterwards, spends like the next month fixing and keeping up with little issues on the forum.

It'd be a nice next project though, although the implementation of it outside the actual forum would be shaky at best.

I think it'd be something like OMC, it looks like a good idea, but it just doesn't catch on that well. Implementation shouldn't be too hard, it could be integrated in p much everything pretty easily. Let's say the [userinfo] string would contain a json string it would work like that in php:

PHP Code

```
<?php
$mykey = "abc";
$userinfo = $_GET['ui'];
$decrypted = userinfodecrypt($userinfo, $mykey);
$decoded = json_decode($decrypted, true);
$userid = $decoded['uid'];
$username = $decoded['username'];
...
```

If NetSeal would adopt this then too pretty much 90% of HF's products would have this nice additional security against chargebacks.

Programming - November 28, 2014, 10:27 pm

I could do this, problem is; Omniscient wouldn't want bots going and scraping user information.

Raz?r - November 28, 2014, 10:28 pm

(Nov 28, 2014 11:27 PM)Programming Wrote: [\[CITE\]](#) I could do this, problem is; Omniscient wouldn't want bots going and scraping user information.

As long as people do not click the link in the sales thread no information will be submitted, this doesn't work with requests from HF, so bots can't do shit :)

Infinity. - November 29, 2014, 4:35 am

I personally support this idea, I really hope this gets accepted.

Michael - November 29, 2014, 4:42 am

I like the idea.

However Omniscient clearly states that:

As always any deals on HF are at your own risk.

So I guess Omniscient won't implement something like this.

Raz?r - November 29, 2014, 4:44 am

(Nov 29, 2014 05:42 AM)?ichael Wrote: [\[CITE\]](#) I like the idea.

However Omniscient clearly states that:

As always any deals on HF are at your own risk.

So I guess Omniscient won't implement something like this.

Sure we still deal at our own risk and that rule shouldn't change too, but that does not mean that Omni will block any try to help us avoid getting scammed.

This is not about making Omni responsible or whatever, it's just about adding some security for sellers.

DontRep4Rep - November 29, 2014, 4:45 am

I think this is a great idea you just need to get the admin to agree with it now good luck and have a nice day sir.

Michael - November 29, 2014, 4:46 am

(Nov 29, 2014 05:44 AM)Raz?r Wrote: [\[CITE\]](#) Sure we still deal at our own risk and that rule

shouldn't change too, but that does not mean that Omni will block any try to help us avoid getting scammed.

This is not about making Omni responsible or whatever, it's just about adding some security for sellers.

Yeah I see.

It would be nice to see this getting implemented.

Slice of Life - November 29, 2014, 4:48 am

+1 Hope this is accepted. Though I know it won't be.

Raz?r - November 29, 2014, 4:50 am

(Nov 29, 2014 05:48 AM)Slice of Life Wrote: [\[CITE\]](#) +1 Hope this is accepted. Though I know it won't be.

Why so negative? :P Omni has accepted good suggestions previously already and this suggestion does not hurt HF in any way and a lot of members seem to agree with it so far :)

?

Illuminati? - November 29, 2014, 4:54 am

One of the best ideas i've seen in a while.

I support it.

The Judge - November 29, 2014, 4:55 am

It is a nice idea, but I don't see this being implented anytime soon.

c x y k - November 29, 2014, 5:10 am

Seems like an extremely good idea.

Surprised nobody has thought of this.

I wrote up some mock JSON that could possible be used.

PHP Code

```
<?php
{
  "UID": 2377407,
  "REP": 263,
  "STS": {
    "UPG": 1,
    "GRP": [
      "STUDIO",
      "MORE HERE"
    ]
  },
  "PST": {
    "CNT": 2103,
    "RPT": 29,
    "PPD": 4.59
  },
  "JND": 1377648000,
  "RFD": [
    {
      "UID": 2465184,
      "REP": 7,
      "STS": {
```

```

    "UPG": 0,
    "GRP": [],
  },
  "PST": {
    "CNT": 10,
    "RPT": 0,
    "PPD": 0.16
  },
  "JND": 1413936000,
  "RFD": [],
  "WRN": 60,
  "AWD": 0
}
],
"WRN": 60,
"AWD": 0
}

```

UID: User ID

REP: Reputation Score

STS: Account Level Status

UPG: Account Level (0 = Normal, 1 = L33t, 2 = Ep1c, 3 = Ub3r)

GRP: User Groups

PST: Post Status

CNT: Post Count

RPT: Reported Post Count

PPD: Posts Per Day

JND: Join Date (GMT in examples)

RFD: Referred Members (Possible to just have total count of referred members rather than their info?)

WRN: Warning Level

AWD: Award Count (Possible to list awards and ids rather than just count?)

This would be quite a versatile solution. Many languages would be able to implement JSON data, and parse it.

You could encode the JSON data with Base64 to clean up the URL, then cover it.

PHP Code

```
<?php
```

```

{"UID":2377407,"REP":263,"STS":{"UPG":1,"GRP":["STUDIO","MORE HERE"]},"PST":{"CNT":2103,
"RPT":29,"PPD":4.59},"JND":1377648000,"RFD":[{"UID":2465184,"REP":7,"STS":{"UPG":0,"GRP"
:[]},"PST":{"CNT":10,"RPT":0,"PPD":0.16},"JND":1413936000,"RFD":[],"WRN":60,"AWD":0}],
"WRN":60,"AWD":0}

```

PHP Code

```
<?php
```

```

eyJVSUQiOjIzNzc0MDcsIlJFUCI6MjYzLCJTVFMiOnsiVVBHIlJoxLCJHUIAiOlSiU1RVREIPlwi
TU9SRsBIRVJFI19LCJQU1QiOnsiQ05UIjoyMTAzLCJSUFQiOjI5LCJQUEQiOjQuNTI9LCJKTkQi
OjEzNzc2NDgwMDAsIlJGRCI6W3siVUeIljoyNDY1MTg0LCJSRVAiOjcsIlNUUyI6eyJVUEciOjAs
IkdsUCI6W119LCJQU1QiOnsiQ05UIjoxMCIwIUIBUlJowLCJQUEQiOjAuMTZ9LCJKTkQiOjE0MTM5
MzYwMDAsIlJGRCI6W10sIlldSTIl6NjAsIkFXRCI6MH1dLCJXUk4iOjYwLCJBV0QiOjB9

```

PHP Code

```
<?php
```

```

{"UID":2377407,"REP":263,"STS":{"UPG":1,"GRP":["STUDIO","MORE HERE"]},"PST":{"CNT":2103,

```

```
"RPT":29,"PPD":4.59},"JND":1377648000,"RFD":[{"UID":2465184,"REP":7,"STS":{"UPG":0,"GRP":[]},"PST":{"CNT":10,"RPT":0,"PPD":0.16},"JND":1413936000,"RFD":[],"WRN":60,"AWD":0}],"WRN":60,"AWD":0}
```

This is just my opinion on how it could work.

I could create an OOP PHP Class if needs be to make it simpler for sellers to gain data.

Cheers.

Raz?r - November 29, 2014, 5:25 am

(Nov 29, 2014 06:10 AM)qonda? Wrote: [\[CITE\]](#) Seems like an extremely good idea. Surprised nobody has thought of this.

I wrote up some mock JSON that could possible be used.

-snip-

This is just my opinion on how it could work.

I could create an OOP PHP Class if needs be to make it simpler for sellers to gain data.

Cheers.

Nice example, but I think it contains some information that isn't really required, as award count + refs i.e. Also as the data will get encrypted no encoding would be required. However json would definitely be the way to go.

Also for the join date I'd use a UNIX-TimeStamp instead :)

c x y k - November 29, 2014, 5:27 am

(Nov 29, 2014 06:25 AM)Raz?r Wrote: [\[CITE\]](#) Nice example, but I think it contains some information that isn't really required, as award count + refs i.e. Also as the data will get encrypted no encoding would be required. However json would definitely be the way to go.

Also for the join date I'd use a UNIX-TimeStamp instead :)

Yeah, just wanted a quick way to convert my joindate to a timestamp, so decided UNIX GMT.

I suppose you're right with the award count and refs, I just wanted to include most of the information as example. I used base64 just as an example for a clean looking URL, although what encryption method would we use?

Cheers.

Sir Robert Bryson Hall II - November 29, 2014, 5:29 am

I think this would be a nice feature, but the problem is how long will it take omni to code (my guess is a while because it seems like a huge project).

Raz?r - November 29, 2014, 5:29 am

(Nov 29, 2014 06:27 AM)qonda? Wrote: [\[CITE\]](#) Yeah, just wanted a quick way to convert my joindate to a timestamp, so decided UNIX GMT.

I suppose you're right with the award count and refs, I just wanted to include most of the information as example. I used base64 just as an example for a clean looking URL, although what encryption method would we use?

Cheers.

I'd say AES so the mcrypt functions could be used.

(Nov 29, 2014 06:29 AM)Le Loup Garou Wrote: [\[CITE\]](#) I think this would be a nice feature, but the

problem is how long will it take omni to code(my guess is a while because it seems like a huge project).

Actually it could be done pretty easily. I haven't worked with mybb previously, but I'd guess 2-3 hours for an average PHP coder max.

It is pretty much only adding another column to the database (for the encryption key).

Then having the encryption key displayed in the usercp and add the [userinfo] tag which queries the database + parses the details to json and encrypts it then.

c x y k - November 29, 2014, 5:32 am

(Nov 29, 2014 06:29 AM)Raz?r Wrote: [\[CITE\]](#) I'd say AES so the mcrypt functions could be used.

Actually it could be done pretty easily. I haven't worked with mybb previously, but I'd guess 2-3 hours for an average PHP coder.

Ah, good point.

I suppose that'd be perfect then.

And to the user who said this might take a while to implement.

As Razor stated, it'd be pretty damn easy to implement. I myself haven't checked out mybb although I'll have a play around later.

If omni doesn't necessarily want to code it, we as a community could work on it for him.

Wait a second, that's not a bad idea.

Raz?r - November 29, 2014, 5:38 am

(Nov 29, 2014 06:32 AM)qonda? Wrote: [\[CITE\]](#) If omni doesn't necessarily want to code it, we as a community could work on it for him.

Wait a second, that's not a bad idea.

I'd offer my help if Omni agrees with the idea and doesn't want to code it.

?

Sir Robert Bryson Hall II - November 29, 2014, 5:39 am

(Nov 29, 2014 06:29 AM)Raz?r Wrote: [\[CITE\]](#) I'd say AES so the mcrypt functions could be used.

Actually it could be done pretty easily. I haven't worked with mybb previously, but I'd guess 2-3 hours for an average PHP coder max.

It is pretty much only adding another column to the database (for the encryption key).

Then having the encryption key displayed in the usercp and add the [userinfo] tag which queries the database + parses the details to json and encrypts it then. But you gotta think omni is a family man before a master web developer(or at least he called himself something like that), we have no idea what his schedule is.

Raz?r - November 29, 2014, 5:40 am

(Nov 29, 2014 06:39 AM)Le Loup Garou Wrote: [\[CITE\]](#) But you gotta think omni is a family man before a master web developer(or at least he called himself something like that), we have no idea what his schedule is.

That's true, but he has an awesome community that is definitely willing to help here on HF. ?

c x y k - November 29, 2014, 5:42 am

(Nov 29, 2014 06:39 AM)Le Loup Garou Wrote: [\[CITE\]](#) But you gotta think omni is a family man

before a master web developer(or at least he called himself something like that),we have no idea what his schedule is.

(Nov 29, 2014 06:38 AM)Raz?r Wrote: [\[CITE\]](#) I'd offer my help if Omni agrees with the idea and doesn't want to code it.

?

I created this thread: <https://hackforums.net/showthread.php?tid=4560899>, although it seems as though Omni doesn't want anybody else other than himself working on the site.

Ah well, let's just wait for a response on here.

Raz?r - November 29, 2014, 5:44 am

(Nov 29, 2014 06:42 AM)qonda? Wrote: [\[CITE\]](#) I created this thread: <https://hackforums.net/showthread.php?tid=4560899>, although it seems as though Omni doesn't want anybody else other than himself working on the site.

Ah well, let's just wait for a response on here.

That's also understandable, I don't like if people ruin my code too :P

c x y k - November 29, 2014, 5:45 am

(Nov 29, 2014 06:44 AM)Raz?r Wrote: [\[CITE\]](#) That's also understandable, I don't like if people ruin my code too :P

Yeah,

just thought that it might be helpful for Omni and the community, although I guess it'd just be his loss.

'BlackBone - November 29, 2014, 5:48 am

all you need is a hackforums API,

It would check if a user is logged in and tell you his username, you get his username and then you can easily fetch his Reputation with various methods.

No need to put a lot of work on it. Only a hackforums API is needed to do the same objective.

From a web developer.

Sir Robert Bryson Hall II - November 29, 2014, 5:53 am

(Nov 29, 2014 06:45 AM)qonda? Wrote: [\[CITE\]](#) Yeah,
just thought that it might be helpful for Omni and the community, although I guess it'd just be his loss.Im gonna go out on a limb here and say that he probably doesn't like people working on code for the site because if it fucks up then there to blame,also omni is also a master web developer which means that if he does the coding it will probably go smooth.

c x y k - November 29, 2014, 6:13 am

(Nov 29, 2014 06:53 AM)Le Loup Garou Wrote: [\[CITE\]](#) Im gonna go out on a limb here and say that he probably doesn't like people working on code for the site because if it fucks up then there to blame,also omni is also a master web developer which means that if he does the coding it will probably go smooth.

Yeah, I see where you're coming from.

Although if there were a team of people with a large amount of experience within the web development sector and if we had a forum to test the features on, it might help out.

Chrylix - November 29, 2014, 6:19 am

Yes yes yes yes yes! Please implement this! ?

Astute - November 29, 2014, 6:43 am

This would help SO many people out on the site! I really hope this gets implemented soon! :)

Natalie Dormer - November 29, 2014, 6:49 am

Looks like a great idea. Although Omni has stated that deals are at your own risk there is no reason why he would not help to lower those risks.

i am guessing after he is done with all his other ideas he might add this to the list :)

inxo - November 29, 2014, 1:11 pm

While this is a great idea, if you want to use a reversible currency like PayPal to buy through the API, it leaves Omni open to lose money through a chargeback. Since Omni (or anyone, really) doesn't like losing money this probably won't happen.

quick edit: am idiot, didn't read because am tired idiot.

Carl Elias - November 29, 2014, 9:33 pm

While I didn't read the entire thread I love the idea. It also would help with sellers figuring out who charged back because they would be linked in the HF API possibly?

I am for it, but I feel Omni wouldn't add it because it is a way of HF getting involved in deals which he makes VERY clear he doesn't want to do. If he did, it would make an awesome Ub3r feature

-Ty

Raz?r - November 29, 2014, 10:41 pm

(Nov 29, 2014 02:11 PM)Pyro. Wrote: [\[CITE\]](#) While this is a great idea, if you want to use a reversible currency like PayPal to buy through the API, it leaves Omni open to lose money through a chargeback. Since Omni (or anyone, really) doesn't like losing money this probably won't happen.

You didn't even read my post, right?

There is not a single way this could affect Omni on a financial way.

(Nov 29, 2014 10:33 PM)tyisobred Wrote: [\[CITE\]](#) While I didn't read the entire thread I love the idea. It also would help with sellers figuring out who charged back because they would be linked in the HF API possibly?

I am for it, but I feel Omni wouldn't add it because it is a way of HF getting involved in deals which he makes VERY clear he doesn't want to do. If he did, it would make an awesome Ub3r feature

-Ty

Yes it would help figuring out who bough your products. This will help if someone charged back (so you can open a scam report) and additionally can be used to prevent chargebacks to set requirements to even start processing the payments (only let the user buy is he has a positive reputation and x+ posts i.e.).

CSGO - November 29, 2014, 10:48 pm

Not a single vote for NO. This is obviously a feature that the community wants and could benefit from. Hope to see it get added!

Ice. - November 29, 2014, 10:49 pm

I'm extremely liking this,

As I'm new to PP & I afraid to sell due to chargebacks

Carl Elias - November 29, 2014, 11:04 pm

(Nov 29, 2014 11:41 PM)Raz?r Wrote: [\[CITE\]](#) Yes it would help figuring out who bough your products. This will help if someone charged back (so you can open a scam report) and additionally

can be used to prevent chargebacks to set requirements to even start processing the payments (only let the user buy if he has a positive reputation and x+ posts i.e.).

Yeah I have been charge backed a few times but there was no way to link them to an HF profile so I couldn't open a report. I would love to see it implemented, although I doubt it. It would be nice if you could add like 3 options. Over X post, auto buy, Over Y but under X post keep payment on hold for seller approval, and under Y do not let buy at all.

-Ty

420 Blaze It - November 29, 2014, 11:06 pm

Could work, set it up like a Middleman, kind of like payivy but then the owner of payivy needs to pay.

Scarlett Johansson - November 29, 2014, 11:08 pm

If this is pulled off well and cannot be spoofed then it would be a really good implementation.

Raz?r - November 29, 2014, 11:09 pm

(Nov 30, 2014 12:06 AM)420 Blaze It Wrote: [\[CITE\]](#) Could work, set it up like a Middleman, kind of like payivy but then the owner of payivy needs to pay.

I'm pretty sure most services offered here would adopt it. I can imagine that NetSeal users would love to see it integrated.

(Nov 30, 2014 12:08 AM)Scarlett Johansson Wrote: [\[CITE\]](#) If this is pulled off well and cannot be spoofed then it would be a really good implementation.

If encryption is used there is no way to spoof it without knowing the sellers key. ?

(Nov 29, 2014 11:48 PM)CSGO Wrote: [\[CITE\]](#) Not a single vote for NO. This is obviously a feature that the community wants and could benefit from. Hope to see it get added!

Well it just got 2 votes for "No", too bad they did not comment so we see what they think, I guess they just plan to chargeback in future. ?

Mr. WAVES - November 29, 2014, 11:31 pm

On my forum I have a simple plugin for donations (free plugin from mybb) that tells me the username of the member that donated. As I remember the plugin is very short.

Also, I like your idea!

c x y k - November 30, 2014, 12:32 am

Although I doubt this idea would be added, it branches off of this.

We could possibly have a searching API that would allow a web server to search, what, every 2 minutes?

You could provide the UID within the search, it would then encrypt JSON results and return them. This way, we could see whether the posts are from deal disputes, have a certain number of pages and are closed or not.

Just another idea.

BLURRYF?CE - November 30, 2014, 12:35 am

This sounds like such a great idea, I really hope this gets implemented!

3270 - November 30, 2014, 12:37 am

Supporting your idea on this problem!

c x y k - November 30, 2014, 4:33 am

Just trying to get some more responses on this.

I think it's a great idea, I hope people decide for this.

Raz?r - November 30, 2014, 4:50 am

(Nov 30, 2014 05:33 AM)qonda? Wrote: [\[CITE\]](#) Just trying to get some more responses on this.

I think it's a great idea, I hope people decide for this.

Already 50 votes for yes, I think we have good chance that Omni will read this soon :) Can't wait for an official response on this.

Karnaugh - November 30, 2014, 5:04 am

I think it's a nice idea. Hope it goes to the next phase!

zSerity - November 30, 2014, 8:40 am

You can identify who buys your product if you use payivy, they allow custom fields

Yoshikage Kira - November 30, 2014, 8:41 am

Let's not forget about registration date, as a user can get on a proxy & register a new hf acc.

inxo - November 30, 2014, 10:03 am

(Nov 29, 2014 11:41 PM)Raz?r Wrote: [\[CITE\]](#) You didn't even read my post, right?

There is not a single way this could affect Omni on a financial way.

I skimmed it because I was tired, reading back on it I sound like a complete idiot.

Hire - November 30, 2014, 10:05 am

It's a good idea, But what if someone pays for somethink, and it doesnt work?

Raz?r - November 30, 2014, 10:30 am

(Nov 30, 2014 09:40 AM)zSerity Wrote: [\[CITE\]](#) You can identify who buys your product if you use payivy, they allow custom fields

So if I enter zSerity as Username in Paylvy and chargeback you will open a scam report against yourself?

(Nov 30, 2014 11:05 AM)Present Wrote: [\[CITE\]](#) It's a good idea, But what if someone pays for somethink, and it doesnt work?

If he has a valid reason to chargeback (product now working + seller doesn't give a fuck etc) the seller wouldn't open a scam report and if he does the user can still defend himself with proof. Buyers can open a scam report because they know for a fact who sells it and this system will give the seller the same opportunity as he can identify the buyer too.

'Snorlax - November 30, 2014, 3:10 pm

This will not stop chargebacks. Unauthorized payment = You've lost 100%.

c x y k - November 30, 2014, 3:27 pm

(Nov 30, 2014 04:10 PM)Snorlax Wrote: [\[CITE\]](#) This will not stop chargebacks. Unauthorized payment = You've lost 100%.

I agree with this.

I do, however, still think it's a good idea and possibly stop chargebacks.

Heck, we could parse the encrypted data to paypal. If it's charged back, we then have all details of

the user. Could be possible to create an API where you parse all the chargeback details and the encrypted user details and the account receives a scamming point on his profile, or such.

Gorbachev - November 30, 2014, 3:35 pm

Sound awesome. I think it could be useful.

Tutelary - November 30, 2014, 3:52 pm

This would involve HF getting involved in deals, which it will never ever do.

iCryptex - November 30, 2014, 4:05 pm

This is a very clever idea. I hope it gets reviewed and accepted.

?lixir - November 30, 2014, 9:08 pm

(Nov 30, 2014 04:52 PM)Tutelary Wrote: [\[CITE\]](#) This would involve HF getting involved in deals, which it will never ever do.

No. That is too narrow. This is about protecting the community.

Raz?r - November 30, 2014, 11:05 pm

(Nov 30, 2014 04:10 PM)Snorlax Wrote: [\[CITE\]](#) This will not stop chargebacks. Unauthorized payment = You've lost 100%.

It will not stop it but we should be able to prevent most chargebacks and if it happens we can at least 100% identify the user and open a scam report against him.

(Nov 30, 2014 04:52 PM)Tutelary Wrote: [\[CITE\]](#) This would involve HF getting involved in deals, which it will never ever do.

I don't think you fully understand the idea. This is about giving us an option to identify chargeback scammers and is not getting any admin involved in our deals.

Crake - November 30, 2014, 11:11 pm

There's already been a few attempts at this off-site, I think (eg 4virtuals). That said, this probably wouldn't work from a back end standpoint, as if you notice the rest of the site's [bbcode] tags are all effectively static. the skype tag renders an `<a><img></>`, the help tag renders some text and an anchor. This would require at least 2 db calls not through myBB directly from the page to the DB to retrieve the userinfo, then render it separately, which would basically be caching hell. Not to mention the CPU required to encrypt each viewer's user info with the seller's encryption key.

c x y k - November 30, 2014, 11:18 pm

(Dec 1, 2014 12:11 AM)emanb29 Wrote: [\[CITE\]](#) There's already been a few attempts at this off-site, I think (eg 4virtuals). That said, this probably wouldn't work from a back end standpoint, as if you notice the rest of the site's [bbcode] tags are all effectively static. the skype tag renders an `<a><img></>`, the help tag renders some text and an anchor. This would require at least 2 db calls not through myBB directly from the page to the DB to retrieve the userinfo, then render it separately, which would basically be caching hell. Not to mention the CPU required to encrypt each viewer's user info with the seller's encryption key.

I see where you're coming from.

Although, user data is stored in an array on the page load anyway. Replace [user_enc] in a URL with the encrypted data wouldn't be too difficult.

Raz?r - November 30, 2014, 11:19 pm

(Dec 1, 2014 12:11 AM)emanb29 Wrote: [\[CITE\]](#) There's already been a few attempts at this off-site, I think (eg 4virtuals). That said, this probably wouldn't work from a back end standpoint, as if you notice the rest of the site's [bbcode] tags are all effectively static. the skype tag renders an `<a><img></>`, the help tag renders some text and an anchor. This would require at least 2 db calls

not through myBB directly from the page to the DB to retrieve the userinfo, then render it separately, which would basically be caching hell. Not to mention the CPU required to encrypt each viewer's user info with the seller's encryption key.

I don't think that it will decrease the site-performance at all. If you read a thread you already have a ton of DB queries, the userinfo shown in the posts isn't static too and making a dynamic bbcode tags shouldn't be that hard.

However, the strings that get encrypted are short and don't contain much data and each will be done within less then 1 sec, if the CPU really would have performance issues with that HF wouldn't run anymore.

Crake - November 30, 2014, 11:21 pm

(Dec 1, 2014 12:19 AM)Raz?r Wrote: [\[CITE\]](#) I don't think that it will decrease the site-performance at all. If you read a thread you already have a ton of DB queries, the userinfo shown in the posts isn't static too and making a dynamic bbcode tags shouldn't be that hard.

However, the strings that get encrypted are short and don't contain much data and each will be done within less then 1 sec, if the CPU really would have performance issues with that HF wouldn't run anymore.

Yes, but on a site like HF with up to thousands of concurrent users, you could run into a bunch of trouble with those sub-1s encryptions piling up.

Raz?r - November 30, 2014, 11:22 pm

(Dec 1, 2014 12:18 AM)qonda? Wrote: [\[CITE\]](#) I see where you're coming from.

Although, user data is stored in an array on the page load anyway. Replace [user_enc] in a URL with the encrypted data wouldn't be too difficult.

Pretty much this, if it is already there only 1 more query for the sellers encryption-key is required. The query + the encryption shouldn't take any longer then a few ms.

Crake - November 30, 2014, 11:24 pm

(Dec 1, 2014 12:18 AM)qonda? Wrote: [\[CITE\]](#) I see where you're coming from.

Although, user data is stored in an array on the page load anyway. Replace [user_enc] in a URL with the encrypted data wouldn't be too difficult.

Correct me if I'm wrong here, since MyBB isn't my area of expertise, but isn't this data actually loaded in myBB's handlers itself, and the only way of loading it so it'd be shortcode-accessible would be a hacky override of MyBB-native functions? And that, of course, would cause maintainability (and therefore potentially security) issues.

Raz?r - November 30, 2014, 11:26 pm

(Dec 1, 2014 12:21 AM)emanb29 Wrote: [\[CITE\]](#) Yes, but on a site like HF with up to thousands of concurrent users, you could run into a bunch of trouble with those sub-1s encryptions piling up.

I don't think that any trouble will be caused by this, any server should be able to easily handle encryption of a small string (even if it would be on each page-load it shouldn't cause any problems, remember this is also only for sales threads, so doesn't even affect all page-loads).

Crake - November 30, 2014, 11:26 pm

(Dec 1, 2014 12:26 AM)Raz?r Wrote: [\[CITE\]](#) I don't think that any trouble will be caused by this, any server should be able to easily handle encryption of a small string (even if it would be on each page-load it shouldn't cause any problems, remember this is also only for sales threads, so doesn't even affect all page-loads).

Unless someone uses it in their signature... Although I suppose that could be disabled?

Raz?r - November 30, 2014, 11:28 pm

(Dec 1, 2014 12:24 AM)emanb29 Wrote: [\[CITE\]](#) Correct me if I'm wrong here, since MyBB isn't my area of expertise, but isn't this data actually loaded in myBB's handlers itself, and the only way of

loading it so it'd be shortcode-accessible would be a hacky override of MyBB-native functions? And that, of course, would cause maintainability (and therefore potentially security) issues.

MyBB has a nice plugin system that can easily handle this.

c x y k - November 30, 2014, 11:28 pm

(Dec 1, 2014 12:24 AM)emanb29 Wrote: [\[CITE\]](#) Correct me if I'm wrong here, since MyBB isn't my area of expertise, but isn't this data actually loaded in myBB's handlers itself, and the only way of loading it so it'd be shortcode-accessible would be a hacky override of MyBB-native functions? And that, of course, would cause maintainability (and therefore potentially security) issues.

Nope.

Would be a simple plugin to create.

Extending bbcode, \$mybb->user['uid'];

Would return the UID of the user viewing the page, I believe that's the line for it anyway.

Stick that and some more details in JSON, call a replace("[user_enc]", \$enc, \$post);, and you're done.

Obviously not the most efficient, it's just an example.

Raz?r - November 30, 2014, 11:28 pm

(Dec 1, 2014 12:26 AM)emanb29 Wrote: [\[CITE\]](#) Unless someone uses it in their signature... Although I suppose that could be disabled?

Ofc that could be disabled, but still I don't think that this should cause any performance issues.

Crake - November 30, 2014, 11:30 pm

(Dec 1, 2014 12:28 AM)Raz?r Wrote: [\[CITE\]](#) MyBB has a nice plugin system that can easily handle this.

(Dec 1, 2014 12:28 AM)qonda? Wrote: [\[CITE\]](#) Nope.

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Stick that and some more details in JSON, call a replace("[user_enc]", \$enc, \$post);, and you're done.

Obviously not the most efficient, it's just an example.

Ahhh alright, yes, I suppose a plugin would work. I'm still uneasy about the idea since it, again, is inconsistent with how the rest of the BBcodes work, and that it involves HF with PayPal deals to a degree (which Omni does not like to be anywhere near). However, as a whole, it's well-intended.

Raz?r - November 30, 2014, 11:32 pm

(Dec 1, 2014 12:30 AM)emanb29 Wrote: [\[CITE\]](#) Ahhh alright, yes, I suppose a plugin would work. I'm still uneasy about the idea since it, again, is inconsistent with how the rest of the BBcodes work, and that it involves HF with PayPal deals to a degree (which Omni does not like to be anywhere near). However, as a whole, it's well-intended.

It wouldn't get Omni involved in our deals, it would just give us an option to know who bought it, so we can open a scam report in case of a chargeback or even block the user from buying.

c x y k - November 30, 2014, 11:33 pm

(Dec 1, 2014 12:30 AM)emanb29 Wrote: [\[CITE\]](#) Ahhh alright, yes, I suppose a plugin would work. I'm still uneasy about the idea since it, again, is inconsistent with how the rest of the BBcodes work, and

that it involves HF with PayPal deals to a degree (which Omni does not like to be anywhere near). However, as a whole, it's well-intended.

Well, it's actually exactly the same as the help tag if you think about it. Just outputs some text.

I guess the outputted test is inconsistent, but oh well.

coolerfarmer - November 30, 2014, 11:35 pm

Great idea. Posting to keep track of the current status.

Die besten Ideen kommen von den Deutschen :P

Crake - November 30, 2014, 11:37 pm

(Dec 1, 2014 12:32 AM)Raz?r Wrote: [\[CITE\]](#) It wouldn't get Omni involved in our deals, it would just give us an option to know who bought it, so we can open a scam report in case of a chargeback or even block the user from buying.

Yes, but even then, he's shown extreme hesitation in getting anywhere near these issues. I would suspect even this would be far too close for the administration's preferences.