

Forum:[Hack Forums](#)

Thread: [Loking for a license key software to protect my windows application](#)

premiumdigitalgoods - March 15, 2020, 7:31 pm

Loking for a license key software to protect my windows application with monthly licenses.(written in python)

h0lyl337 - March 15, 2020, 7:32 pm

license key for what program?

premiumdigitalgoods - March 15, 2020, 7:34 pm

(Mar 15, 2020 07:32 PM)h0lyl337 Wrote: [\[CITE\]](#) license key for what program?

There was a grammatical error sorry, i'm looking for something to protect my windows application with licenses.

Flash7475 - March 15, 2020, 9:00 pm

The Pyarmor library would probably be your best bet at encrypting a python file to work on a licencing system that allows you to implement monthly licencing.

<https://pypi.org/project/pyarmor/>

Although it is still a python script and this might not be the robust way to do it.

SIM-1866423 - March 16, 2020, 2:53 am

Doesnt matter your code still will be reversible, python is not good way to do it.

Oscura - March 16, 2020, 4:45 am

No obfuscation is perfect. Your best bet is to let the server software implement all core and licensing functionality (lean client) and only let the authenticated client communitate with the server through a well-defined API. i.e. the user has to authenticate with the server using the client. The server will check if the user has a license/verify a given license, and will only provide the requested functionality if such a license exists.

A user should have no way to inspect/influence the code residing on the server (compared to the the client code).

premiumdigitalgoods - March 16, 2020, 6:13 am

(Mar 16, 2020 04:45 AM)Oscura Wrote: [\[CITE\]](#) No obfuscation is prefect. Your best bet is to let the server software implement all core and licensing functionality (lean client) and only let the authenticated client communitate with the server through a well-defined API. i.e. the user has to authenticate with the server using the client. The server will check if the user has a license/verify a given license, and will only provide the requested functionality if such a license exists.

A user should have no way to inspect/influence the code residing on the server (compared to the the client code).

Yes this is what i would like to do, but i dont find this kind of service, some advice?

Charger - March 16, 2020, 6:14 am

(Mar 16, 2020 06:13 AM)premiumdigitalgoods Wrote: [\[CITE\]](#) Yes this is what i would like to do, but i

don't find this kind of service, some advice?

You make it. You expose your current script via HTTP and create a new script (API) that connects to that server

premiumdigitalgoods - March 16, 2020, 6:18 am

(Mar 16, 2020 06:14 AM)Charger Wrote: [\[CITE\]](#) You make it. You expose your current script via HTTP and create a new script (API) that connects to that server
I'm not sure to understand exactly how to do this.

Charger - March 16, 2020, 6:21 am

(Mar 16, 2020 06:18 AM)premiumdigitalgoods Wrote: [\[CITE\]](#) I'm not sure to understand exactly how to do this. Your server computes everything and returns it to the client

premiumdigitalgoods - March 16, 2020, 6:22 am

(Mar 16, 2020 06:21 AM)Charger Wrote: [\[CITE\]](#) Your server computes everything and returns it to the client

I don't know how to do this :(

For this reason I'm looking for a service that can protect my software with his servers, without errors.

Like how crypters license systems but I don't find anymore this service

Charger - March 16, 2020, 6:25 am

(Mar 16, 2020 06:22 AM)premiumdigitalgoods Wrote: [\[CITE\]](#) I don't know how to do this :(
For this reason I'm looking for a service that can protect my software with his servers, without errors.

Like how crypters license systems but I don't find anymore this service

The nature of python makes that impossible.

Python is basically a text file that an interpreter reads on demand.

premiumdigitalgoods - March 16, 2020, 6:29 am

(Mar 16, 2020 06:25 AM)Charger Wrote: [\[CITE\]](#) The nature of python makes that impossible.

Python is basically a text file that an interpreter reads on demand.

Yes but I'm trying to protect an exe not a .py I didn't say that

Charger - March 16, 2020, 7:02 am

(Mar 16, 2020 06:29 AM)premiumdigitalgoods Wrote: [\[CITE\]](#) Yes but I'm trying to protect an exe not a .py I didn't say that

Did you use py2exe or something?

premiumdigitalgoods - March 16, 2020, 7:52 am

(Mar 16, 2020 07:02 AM)Charger Wrote: [\[CITE\]](#) Did you use py2exe or something?
Yes I used pyinstaller

Morphine - March 16, 2020, 7:59 am

I think you can make a license system with python on a server side which from there the client.exe can check for the account which is logged and verify it before running and from server you can update the script or code. Your exe can be decompiled but you can make updates for it which will be distributed only with your customers so it's no way for users to crack it and get new updates from server without being a client.

To get regular updates from server the user should provide the license key and will be checked on

server database.

Charger - March 16, 2020, 8:46 am

(Mar 16, 2020 07:52 AM)premiumdigitalgoods Wrote: [\[CITE\]](#) Yes i used pyinstaller
AFAIK you can't encrypt that.

Really consider doing what I suggested and handling all functions server side and deploying a login/token based client

Ren And Stimpy - March 16, 2020, 11:34 am

Loking for a license key software to protect my windows application
My team and I have one.
What is yoru budget
also do you have Discord?

Your PM is too full

Flash7475 - March 16, 2020, 12:11 pm

Even if it is an exe, there are alot of tools that can reverse engineer it. It wont matter if it is an exe or a py file. Doing it server side as Charger said is the best way to go about this.

premiumdigitalgoods - March 17, 2020, 10:57 am

(Mar 16, 2020 11:34 AM)Ren And Stimpy Wrote: [\[CITE\]](#) Loking for a license key software to protect my windows application
My team and I have one.
What is yoru budget
also do you have Discord?

Your PM is too full
How to solve "PM FULL"?

Flash7475 - March 17, 2020, 11:36 am

(Mar 17, 2020 10:57 AM)premiumdigitalgoods Wrote: [\[CITE\]](#) How to solve "PM FULL"?

Id assume youd have to delete some of your PMs

Nulla Misericordia - March 17, 2020, 1:15 pm

(Mar 16, 2020 02:53 AM)SIM-1866423 Wrote: [\[CITE\]](#) Doesnt matter your code still will be reversible, python is not good way to do it.
Lol? Anything is reversible....

If you mean pythhon is interpreted then have you ever heard of py_compile?

(Mar 16, 2020 12:11 PM)Flash7475 Wrote: [\[CITE\]](#) Even if it is an exe, there are alot of tools that can reverse engineer it. It wont matter if it is an exe or a py file. Doing it server side as Charger said is the best way to go about this.
Ever heard of Obfuscation Algorithms?

Semmenial - March 17, 2020, 6:07 pm

What type of software is it, if you don't mind me asking?

I can help you with different approaches when handling a situation like this.

.eXe - March 19, 2020, 3:58 am

(Mar 17, 2020 01:15 PM)Nulla Misericordia Wrote: [\[CITE\]](#) Ever heard of Obfuscation Algorithms? Ever heard of deobfuscation?

If you think obfuscation will stop people reversing your software you're an idiot. If people want to, they will.

h0lyl337 - March 19, 2020, 6:42 am

i think the lesson to learn from this thread is, no matter what you do it is always possible to reverse your program. The best you can do is make it hard for someone to reverse engineer your program by making it more time consuming.

Charger - March 19, 2020, 7:21 am

(Mar 19, 2020 06:42 AM)h0lyl337 Wrote: [\[CITE\]](#) i think the lesson to learn from this thread is, no matter what you do it is always possible to reverse your program. The best you can do is make it hard for someone to reverse engineer your program by making it more time consuming.
If you run it server side it can't be reversed

Nulla Misericordia - March 19, 2020, 9:10 pm

(Mar 19, 2020 03:58 AM).eXe Wrote: [\[CITE\]](#) If you think obfuscation will stop people reversing your software you're an idiot. If people want to, they will.

I was pointing that out because he singled out python as somehow easier to reverse when its as good as any language for obfuscating code. I don't know why he said "python is not good way to do it. " when its just as worst as any other language. I mentioned to him obfuscation because the only way I could see him target python in specific is because he might of not known about it's ability to compile which is a lot better than just interpreting it? Sorry if you misunderstood me.

But as they say "With ifs (and buts), one would put Paris in a bottle."

(Mar 19, 2020 07:21 AM)Charger Wrote: [\[CITE\]](#) If you run it server side it can't be reversed
That depends how vulnerable that server is..... If I can get my hand on the binary well not so much.