

Forum: [Hack Forums](#)

Thread: [\[Tutorial\] What is a Stub? ~ Working of Stub Explained \[Newbies Must See\]](#)

The 7th Sage - April 22, 2010, 1:07 pm

Stub and Its Working Explained

- The 7th Sage

Alright guys so am kinda feeling relaxed today so am gonna do something to help you.

Now basically with most keyloggers, binders, crypters you find a Stub.exe

What is this Stub.exe?

- Well a stub is like the brain of the Keylogger. The builder is just the outer body. Like Imagine how you have a body but it won't function without a brain right? Similarly the Keylogger or a Crypter WON'T work without the stub.

Stub.exe so can I use it for my xyz Crypter or xyz Keylogger?

- NO a BIG NO. Stub.exe is just a name given to understand what the exe is. Each of them is restricted to software they are created for.

So can you tell me how a Stub exactly Works?

[img]http://i44.[censored].com/e7b0x0.jpg[/img]

Now in the above image you can see that the builder takes the info and passes it to the stub. The stub then notes down your required options and creates server.exe

Well its not just that. The server.exe will also possess some characteristics of the stub. Like the properties, the size. So basically stub is like a mother giving birth to a child. ? sorry I thought that would be easier to explain :P

In a Keylogger it notes down the key strokes. But its hidden well so you cannot see it. But its recording Keystrokes in the background. Like this one:

[img]http://i41.[censored].com/2db6vbm.jpg[/img]

Well Why not just make Stub in the Builder? Thats easy for us to use.

- We can't do that. Because options and email password differs from individual to individual. For modifying you will have to modify the code.

- Stub can be added to a builder internally. But once the stub is detected coders have to modify the code again to make it fud. So an external stub is easier to replace.

I iz a newbie. I did not get what you said.

- Don't pm me regarding this. Just post there.

So I hope you liked the tut and understood what a Stub means. Have a Great Day. :)

Scotty™ - April 22, 2010, 1:09 pm

Thanks alot dude :) were wondreing what it was ;) would +rep you if i could

Black Shadow - April 22, 2010, 1:13 pm

Ive always wanted to know how a Stub can be added to a builder internally?
can you or anyone lead me in the correct direction to do this.

EricR - April 22, 2010, 1:13 pm

Good tut. I already new what a stub was, but that will definitely help out the noobs. Thumbs Up.

iKool - April 22, 2010, 1:43 pm

Well explained. Thank you.

Krueger - April 22, 2010, 1:47 pm

Thanks ! :)

OMGMSG2SHORT

Voorhees - April 22, 2010, 2:45 pm

Nice tutorial, informative... I like it! ?

SQLi Expert - April 22, 2010, 2:49 pm

Very good tutorial dood =D Im sure it helped alot of people out.

seheiahs - April 22, 2010, 2:52 pm

"- Stub can be added to a builder internally. But once the stub is detected coders have to modify the code again to make it fud. So and external stub is easier to replace."

Now it's clear for me, thanks :)

Gundring - April 22, 2010, 8:21 pm

A good tutorial

I was greatly helped at all with his explanation

It turned out that the stub is very important to make a server
Like a body without a brain
?

cybr - April 22, 2010, 8:25 pm

This will help lots of people understand what a stub is, and what a stub does.

Nice work, once again.

1995ad - April 22, 2010, 9:27 pm

good tutorial! Thanks for the info!!!

The 7th Sage - April 22, 2010, 10:09 pm

(Apr 22, 2010 01:13 PM)Black Shadow™ Wrote: [\[CITE\]](#) Ive always wanted to know how a Stub can be added to a builder internally?

can you or anyone lead me in the correct direction to do this.

Put the stub in resources and then while using drop the file. ;)

hemescool - April 22, 2010, 10:45 pm

thanks mate.....

MasterLuthor - April 22, 2010, 10:59 pm

Thanks now I'm not worrysome of that stub.exe destroying my computer, its necessary! I do have a few questions though,

Why would you need a stub for a binder or cryptor?

Once the server.exe/logger.exe is made, is that the only file you have to get on victims machines (meaning the stub does not get sent)?

Questions just related to this:

When you encrypt a server.exe before it is sent so that it is UD or FUD, how can it function on the victim's end if it is garbled? Do you have to bind a decrypter or something??

Also, when you bind a server.exe/logger.exe to some innocent file, are the bytes of the two files just appended to eachother (or is there some other weird method)? When clicking on the binded file, does it run both files or do you have to split them again? and if you have to split them do you have to send another file to act as the splitter?

Thanks if anyone can answer my questions, I'm learning.

LuthOr

The 7th Sage - April 22, 2010, 11:10 pm

(Apr 22, 2010 10:59 PM)MasterLuthor Wrote: [\[CITE\]](#) Thanks now I'm not worrysome of that stub.exe destroying my computer, its necessary! I do have a few questions though,

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Also, when you bind a server.exe/logger.exe to some innocent file, are the bytes of the two files just appended to each other (or is there some other weird method)? When clicking on the binded file, does it run both files or do you have to split them again? and if you have to split them do you have to send another file to act as the splitter?

Thanks if anyone can answer my questions, I'm learning.

Luth0r

1) We need a stub for the crypter and a binder for similar reasons. The builder will note the input files and send info of those files to the stub.

The stub will then bind those files or crypt it.

2) You only send the server.exe to the victim.

3) No we encrypt the info and decrypt them before using it. So if no one is using it it will stay encrypted. It will get decrypted only when we want to send email or other thing.

Like We encrypt (Email) then when we are about to send it to the email, we need to decrypt it since gmail won't recognize the encrypted string. So we use Decrypt(Email) just before sending.

_ [THUNDER] - April 22, 2010, 11:16 pm

he he , nice way in explanation

MasterLuthor - April 22, 2010, 11:32 pm

Quote:3) No we encrypt the info and decrypt them before using it.

Hmm ok, but my understanding is that you encrypt it to bypass AV right? So that AV doesn't delete it otherwise. I wonder though, once encrypted server.exe is bypassed into victim's machine, how do you "decrypt it before using it" when you don't have access to it?

thx

The 7th Sage - April 22, 2010, 11:38 pm

Well to bypass AVs we don't generally use inbuilt encryption. Atleast I don't. We use assembly editors and other things to fool Avs. The 3rd party encrypters also known as obfuscaters they do it such that things are encrypted but don't mess with the original code.

I was talking about the inbuilt encryption.

kutmustakurt - April 22, 2010, 11:43 pm

@ Black Shadow™

You can add a Stub in resources section of a builder. It also helps in avoiding few AV's. Just remember to select P-code.

To do this you must enable Resource Editor in VBOpen VB

Click on Add-In

Scroll down and Select VB resource editor

Check Loaded and Startup

Now you can add resources

Not trying to hijack the thread or anything, but this might also clear some doubts.

<https://hackforums.net/showthread.php?tid=207201>

MasterLuthor - April 22, 2010, 11:46 pm

I see, thank you very much.

It appears I have quite a bit to learn before I can use RAT's or loggers.

I don't want to just download them and be a little script kiddie I'd like to understand them fully.

Luth0r

captainmark - April 23, 2010, 12:36 am

!!!!!!? Stubs up man ?!!!!!!

Seag - April 23, 2010, 12:46 am

[Mystery Solved]

this was a v. n00b friendly tutorial.

cheers.

rul3z_br3ak3r - April 23, 2010, 1:40 am

Bro...Though if the email address and password differ for different user, since we can integrate it in the builder itself....If you wanna give it a shot, i will give you the source code of my keylogger.. It is in C#.Net . Anyways nice explained keep going.... :-)

To The Limits - April 23, 2010, 1:47 am

Thank's..very nice TuT..This is perfect for all noobs! ?

johnt2 - April 23, 2010, 2:01 am

Nice tutorial.. I'm sure it'll help a lot of new guys into keylogging (me) :)

The 7th Sage - April 23, 2010, 2:04 am

(Apr 23, 2010 01:40 AM)rul3z_br3ak3r Wrote: [\[CITE\]](#) Bro...Though if the email address and password differ for different user, since we can integrate it in the builder itself....If you wanna give it a shot, i will give you the source code of my keylogger.. It is in C#.Net . Anyways nice explained keep going.... :-)

nah thanks anyways.

<https://hackforums.net/showthread.php?tid=336921>

^ Thats moi keylogger.

OT: but how are you ?:D

steffi - April 23, 2010, 2:09 am

Thank you so much! Now i understand! HELPED ME a LOT!

killers - April 23, 2010, 2:13 am

TFS mate ?

already knew it but your way of explanation is appreciable ?

Mario - April 23, 2010, 5:37 am

Good one man. The word 'stub' is used alot on HF. but no one treally explained what it is. sure it helped some newbies

Revelations - April 23, 2010, 5:44 am

nice tut, helped me out, thanks mate.

Frex - April 23, 2010, 5:49 am

very informative mate thank you

MrIncredible6 - April 23, 2010, 6:10 am

This. Is a brilliant tutorial. Helped me understand a lot. I've always been wondering what a stub was and google dictionary didn't help.

The 7th Sage - April 23, 2010, 8:54 am

(Apr 23, 2010 06:10 AM)MrIncredible6 Wrote: [\[CITE\]](#) This. Is a brilliant tutorial. Helped me understand a lot. I've always been wondering what a stub was and google dictionary didn't help. yeah I remember searching for it on google when I was new, and got a typical bookworm answer. Not explained much.

silent2k - April 23, 2010, 11:04 am

the seven sage thanks..Im am also a begginer..and now i understand better what it is.

crimepack - April 23, 2010, 11:14 am

THIS is how a crypter stub operates

[img]<http://img28.imageshack.us/img28/4370/52330254.jpg>[/img]

way to go writing a tutorial and explaining it all wrong, the stub does not create a file whats done is that the stub (when it comes to a keylogger) is the actual keylogger, and the builder will write the desired info to section of choice (eof, resource etc...) in the stub

in psuedo code:

```
BuildKeylogger(){
    Drop_Stub();
    Write_Info_To_Stub();
    Show_Message("Build complete!");
}
```

in stub:

```
Stub_Entry_Point(){
    Get_Info_From_Resource();
    Start_Keylogging(Username>Password,Server_To_Send_To);
}
```

SimplyPro - April 23, 2010, 11:17 am

Great for beginners! :)

--([S7N-])-- - April 23, 2010, 11:25 am

Finally, a tutorial for stubs which I can revert noobs back to! ?

I suggest you make a tutorial about Stub codes, meaning of each line, in pseudo code.

The 7th Sage - April 23, 2010, 11:30 am

yeah i can do that, but won't that be suitable for programming section?

--([S7N-])-- - April 23, 2010, 11:34 am

(Apr 23, 2010 11:30 AM)The 7th Sage Wrote: [\[CITE\]](#) yeah i can do that, but won't that be suitable for programming section?

Yeah, make a separate tutorial. Post a link to that thread in this one.

The 7th Sage - April 23, 2010, 11:41 am

Your just a stupid fuck. If your so smart why didn't you have the idea of writing a good tut?

crimepack - April 23, 2010, 11:45 am

(Apr 23, 2010 11:41 AM)The 7th Sage Wrote: [\[CITE\]](#) Your just a stupid fuck. If your so smart why didn't you have the idea of writing a good tut?

i wrote one on Page 4 for you

The 7th Sage - April 23, 2010, 11:48 am

Oh really? I never said I was into crypters? Did I? It was just a general idea of the stub. And it was to link into the keylogger section.

People keep pming about stub.exe because of my keylogger. Every stub has a slightly different working.

--([S7N-])-- - April 23, 2010, 11:49 am

crimepack, make your own thread if you want to, don't ruin another person's thread for no reason. If you have ever used keyloggers with a stub, you will see that it DOES create a file. In case you haven't noticed, this is for newbies only. You expect newbies to understand all that? They'll be like, "WTF? ? English please?"

The 7th Sage - April 23, 2010, 11:50 am

(Apr 23, 2010 11:49 AM)--([S7N-])-- Wrote: [\[CITE\]](#) crimepack, make your own thread if you want to, don't ruin another person's thread for no reason. If you have ever used keyloggers with a stub, you will see that it DOES create a file. In case you haven't noticed, this is for newbies only. You expect newbies to understand all that? They'll be like, "WTF? ? English please?"

exactly. Not everyone is a born coder or pro.

crimepack - April 23, 2010, 12:11 pm

(Apr 23, 2010 11:49 AM)--([S7N-])-- Wrote: [\[CITE\]](#) crimepack, make your own thread if you want to, don't ruin another person's thread for no reason. If you have ever used keyloggers with a stub, you will see that it DOES create a file. In case you haven't noticed, this is for newbies only. You expect newbies to understand all that? They'll be like, "WTF? ? English please?"

the builder generally drops a copy of the stub, and writes info to it

what part of my explanation did you not understand, i really would except people to understand what i described its basic knowledge

and besides i'm not here to ruin TS thread, i've added additional info which is very relevant to the topic

The 7th Sage - April 23, 2010, 12:41 pm

(Apr 23, 2010 11:39 AM)crimepack Wrote: [\[CITE\]](#) i can't do anything but admire the level of ignorance on this forum
yeah that was informational ?

Mocha - April 23, 2010, 1:27 pm

Thank you very much for this tutorial. Well Explained.

crimepack - April 23, 2010, 2:20 pm

(Apr 23, 2010 12:41 PM)The 7th Sage Wrote: [\[CITE\]](#) yeah that was informational ?
thank you for the -rep, i'm going to kill myself now.
i hope you are happy with yourself.

MasterLuthor - April 23, 2010, 3:35 pm

First of all, crocodiles don't sing...

Secondly, you guys gotta chill out a little bit,

The 7th Sage:

Quote:Your just a stupid fuck.

crimepack:

Quote:thank you for the -rep, i'm going to kill myself now.
lol

Anyways,

So all this stub, builder, and .exe talk doesn't even cover getting past AV? Isn't it useless if you cannot bypass their AV?

The 7th Sage:

Quote:Well to bypass AVs we don't generally use inbuilt encryption. Atleast I don't. We use assembly editors and other things to fool Avs.

So far as I understand it, in order to set up a RAT for example,requires you to port forward, encryption, decryption, binding, spreading, and now assembly editors? (Same goes for keylogging minus port forwarding)

tell me if I am completely wrong about something.

thx

Luth0r

TehBlueLobstar - April 23, 2010, 5:55 pm

nice thread i've heard people saying that a keylogger or rat (client) was a virus because they saw the stub.exe this'll clear things up for noobs

The 7th Sage - April 24, 2010, 11:14 pm

(Apr 23, 2010 03:35 PM)MasterLuthor Wrote: [\[CITE\]](#) The 7th Sage:

Quote:Well to bypass AVs we don't generally use inbuilt encryption. Atleast I don't. We use assembly editors and other things to fool Avs.

So far as I understand it, in order to set up a RAT for example, requires you to port forward, encryption, decryption, binding, spreading, and now assembly editors? (Same goes for keylogging minus port forwarding)

tell me if I am completely wrong about something.
thx

Luth0r

On the end user side, nope. You just port forward and set it up. Not gonna go in details.

reaper113 - April 25, 2010, 12:14 am

Thanks very good tutorial.

.Nielz - April 25, 2010, 12:50 am

? Nice tut . Din't know what stub was so thx !

..xX[ThunderStorm]Xx.. - April 25, 2010, 1:05 am

Really nice one dude, free useful for the beginners.

@Anonymous - April 26, 2010, 1:32 am

But i dont understand why people sell stubs does 1 stub has a limit or what

The 7th Sage - April 26, 2010, 2:08 am

(Apr 26, 2010 01:32 AM)vaby Wrote: [\[CITE\]](#) But i dont understand why people sell stubs does 1 stub has a limit or what

because the stubs they sell differ from the public one. Working is the same but variables and other stuff is different. Hence even if public one gets detected, private one stays fud.

losdhfu - April 26, 2010, 2:39 am

Thanks for this tut bro.

Just wondering what is a "unique" stub?

Rufflecakes - April 26, 2010, 3:30 am

Well done. Haven't actually seen a stub tute before.

Valour - April 26, 2010, 3:42 am

good to understand tut

thanks for this tutorial

you explained me the most important thing i just used to ignore at first while using keyloggers

Skyro - April 26, 2010, 4:25 am

Very good tutorial, it will help the newer members who have no clue on this type of stuff.

Odayleet - April 26, 2010, 4:26 am

Very nice tutorial, good job :)

?Yang? - April 26, 2010, 8:15 am

Nice TUT... I always wondered what stub is....thanks!

cluevan - April 26, 2010, 8:25 am

great tut, thanks for taking the time to explain

The 7th Sage - April 26, 2010, 8:28 am

(Apr 26, 2010 08:15 AM)::Yang:: Wrote: [\[CITE\]](#) Nice TUT... I always wondered what stub is....thanks!

and you are in hf coders? oO

Malitastic - April 26, 2010, 1:59 pm

thanks for the tutorial, this will help me when I am coding my next stub =D

PAGMAN - May 7, 2010, 4:11 pm

Look at MY diagram of how a stub & crypter work if you want to learn better.

<https://hackforums.net/showthread.php?tid=367714>

maxwar69 - May 7, 2010, 5:16 pm

helped alot....i knew kinda the point of it, but the way you comparied it made allllotttt more sence....thanks alot. :)

dynamo999 - May 8, 2010, 9:11 am

great tut! covers the basics ;)

Freddy Kru?ger - May 8, 2010, 12:08 pm

And now i know thanks alot

Cooldude™ - May 8, 2010, 12:13 pm

Nice tutorial. I do believe this will be a useful tutorial for all the newbies, who would learn more about the "dark side" of programming. ?

djmayur - May 8, 2010, 12:20 pm

mice tut buddy..good goin

LacosteRoot - May 8, 2010, 12:26 pm

Nice tutorial, this is for really newbies. :)

Nuked - May 8, 2010, 2:13 pm

Shared this to a friend.

Worked BEAUTIFULLY.

Xinapse - May 8, 2010, 3:04 pm

Good job 7th sage keep it up :)

D3LuSiOn - May 12, 2010, 9:03 pm

Thanks, helps me understand a bit more about stubs.

Keep up the good work!

Risyer - May 12, 2010, 9:44 pm

Wow it all makes sense now! Thanks!!! <3 You

ihacktheworld - May 13, 2010, 12:10 am

thxs...i was searching for dis...

Phreak™ - May 13, 2010, 4:24 am

Haha Thanks, Good Explanation

Mr_Cr@zyM - May 13, 2010, 4:32 am

So Nice

Easy To Read

ThX MAn

dotatoad - May 13, 2010, 4:54 am

so how do you make a stub FUD coz now im making my own keylogger with the tuts here
an i sort of want to make my unique stub(hehe xD)
so can any1 help me

2world - May 13, 2010, 2:01 pm

tank you very much. i was searching for this,really help full.
hats offfffffffff

Adizziedoll - May 14, 2010, 5:35 am

I hate being a fucking noob at anything, but this was super helpful. I've been trying to do a lot of searches before asking a stupid question that has been asked over and over again, but this info wasn't really available. Thanks!

Erani13 - May 14, 2010, 9:17 am

Thanks m8!
now I finaly know what Stub is!!!!

Virtual Reality - May 14, 2010, 9:40 am

This is great for a beginner like me! Thanks!

blackstars09 - May 14, 2010, 10:00 am

A good tut' ! :)
Thank you :)

SystemK - May 14, 2010, 10:39 am

Decent tutorial, Should help people who don't know what a STUB is.

Modem Down - May 15, 2010, 12:59 am

Crypting a server..... so just let the stub sit there like an incubator and the eggs will come out of my crypter, warm up in the stub, and automatically hatch as a crypted server?

What about when I have multiple stubs for that one crypter?

Can I take a stub and "repair" it?

Don't even click the stub huh?

beastfromhell - May 16, 2010, 4:12 am

Thanx a ton buddy... it will help me a lot..cheers

Cuycrups - May 27, 2010, 6:37 am

I finally understood what a stub is after 2 years THANK ALOT

Embrace The Martian - June 16, 2010, 4:16 am

Thanks this helped me very much, was looking for an explanation since I joined I kept seeing them

and looking at them like DURRRR WHATS DIS??

Once again thanks.

7haxr - June 16, 2010, 7:45 am

thanks, that was very helpful

MrSlickBack - June 16, 2010, 7:48 am

b e a utiful was the word

gtacyb - June 16, 2010, 8:17 am

Thanks man.

Very useful for me.

blksith0 - June 16, 2010, 8:23 am

Well, this wasn't useful to me. But I bet it was to some others.

masterfan - June 16, 2010, 9:05 am

Great Tutorial.Helpful info here

acute.v6 - June 16, 2010, 10:56 am

Really really really thanx a lot.. will surely help lots of newbies like me...
you rock..dude..

PedoBear - June 16, 2010, 12:22 pm

thank you for this info.:)

hackerdz - June 16, 2010, 4:28 pm

thanks my friend forthe good tutorial

KryG - June 16, 2010, 5:28 pm

So thats what a stub is. xD

I've always seen it around but i've never actually like thought of what i was xD
thanks for enlighten me :]

ThunderMarq - June 17, 2010, 8:57 am

ok now understand what a stub is and what it does....but how do I add it internally? Yep very Noob question.

darktrakout - June 19, 2010, 3:01 pm

What does melting a stub mean? I realize that it probably means the stub is deleted.. but I've noticed some programmers make sure the sys is infected before "melting" a stub.. So just because the stub has been melted, does that mean the computer is still infected?

The 7th Sage - June 20, 2010, 1:23 am

Yes. Melt means server is deleted from the path where it was executed and its hidden somewhere in the system.

Melt isn't a very good feature though, causes suspicion.

(Jun 17, 2010 08:57 AM)ThunderMarq Wrote: [\[CITE\]](#) ok now understand what a stub is and what it does....but how do I add it internally? Yep very Noob question.

If you are coding a keylogger then only can you add a stub internally using resources folder.

Blackout966 - June 20, 2010, 3:32 am

ah, thanks for this. Now i know what it is. i have been wondering for ages.

h3h3y9 - July 2, 2010, 11:21 am

very nice tutorials, good explained. thank you!

F0SSY - July 2, 2010, 11:27 am

IDK what a stub does, but i now what its for.

Maybe you should explain the principle of Poly things ;)

-JFK - July 2, 2010, 2:01 pm

I already knew that but nice guide lol.

porney - December 22, 2010, 9:54 am

Thanks a ton for this info. Your tut has cleared up a question that I had been carrying around from the time I entered the hacking world.

synnergy - December 22, 2010, 10:38 am

nice Tutorial. I understand now how the Stub works and why its required.

Keiichi - December 29, 2010, 5:48 am

Thanks for making this tutorial. Too bad the images were deleted. Would be nice if they get updated.

Drachen - December 29, 2010, 5:51 am

Nice tutorial, thank you.

Nate. - December 29, 2010, 5:55 am

well this is a pretty nice tutorial

System113 - December 29, 2010, 6:11 am

thanks a lot bro for this!!:) :D

thanks a lot bro for this!!:) :D

Plutonium - December 29, 2010, 7:57 am

Big thanks for this very well written tutorial.

xarisis - December 29, 2010, 9:07 am

Nice tutorial... A bit 'noob friendly'... Good work...

Hotman - May 13, 2011, 2:38 am

wow this thread is really helpful thanks mate I can say it is what I was searching for... ?

Euxine - May 13, 2011, 2:40 am

great tutorial. helped me out alot :)

Sheikh. - May 13, 2011, 5:02 am

Short meaning of stub in a crypter.

The actual file which contains the encrypted bytes (which are encrypted by the builder aka crypter). This stub decrypts and runs the encrypted bytes of the virus into memory.

RussianFederation - *May 13, 2011, 5:19 am*

Great tutorial, well written.

Zuko? - *April 15, 2012, 1:59 am*

Thanks! Great tutorial! :) I was wondering what this is :D

CrimsonDoom - *June 30, 2012, 3:33 am*

Short and simple. I had a rough idea on what stubs were but now all is clear at the moment. Thanks

kik326 - *June 30, 2012, 3:43 am*

Thx, great explanation for beginners! But not enough detailed

Dastoks - *June 30, 2012, 5:02 am*

i think i understand abit better now
thanks buddy!

Crazy Ralph - *August 16, 2012, 8:54 pm*

thanks, it helps to explain the function of a stub...

henryKK - *September 30, 2014, 11:06 am*

Thank you my friend it is very helpful

CardiacArrest - *October 22, 2014, 2:51 pm*

really great, that has cleared so many of my questions