HACK THE BOX

Cesena Security Weekly Meeting 24/05/2017

[About Hack The Box]

Hack The Box is an online platform allowing you to test your penetration testing skills and exchange ideas and methodologies with other members of similar interests. It contains several challenges that are constantly updated. Some of them simulating real world scenarios and some of them leaning more towards a CTF style of challenge. As an individual, you can complete a simple challenge to prove your skills and then create an account, allowing you to connect to our private network (HTB Net) where several machines await for you to hack them. By hacking machines you get points that help you advance in the rankings.

[How do I join Hack The Box?]

In order to join you should solve an entry-level challenge that is presented (https://www.hackthebox.gr/en/invite). If you are unable to "hack the invite process" you will probably wont be able to do much after joining also.

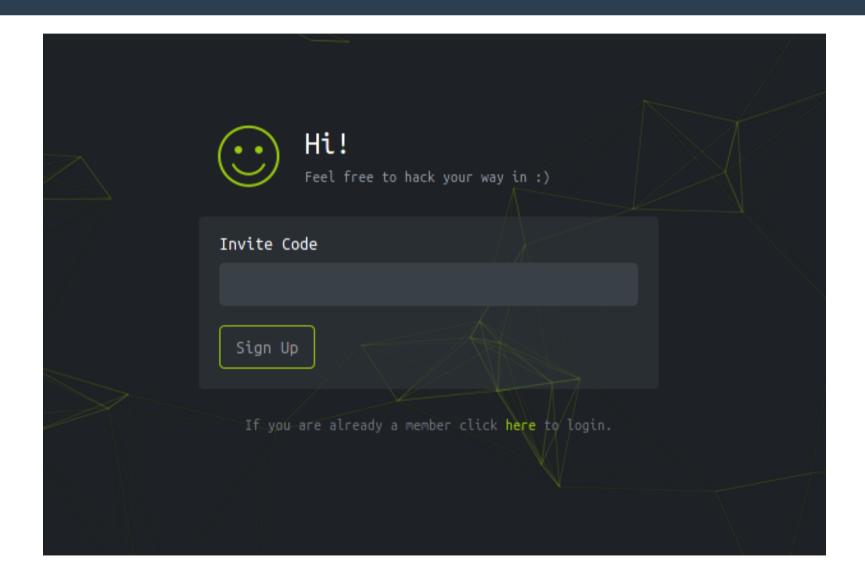
[How to get invite code?]

Let's try togheter!

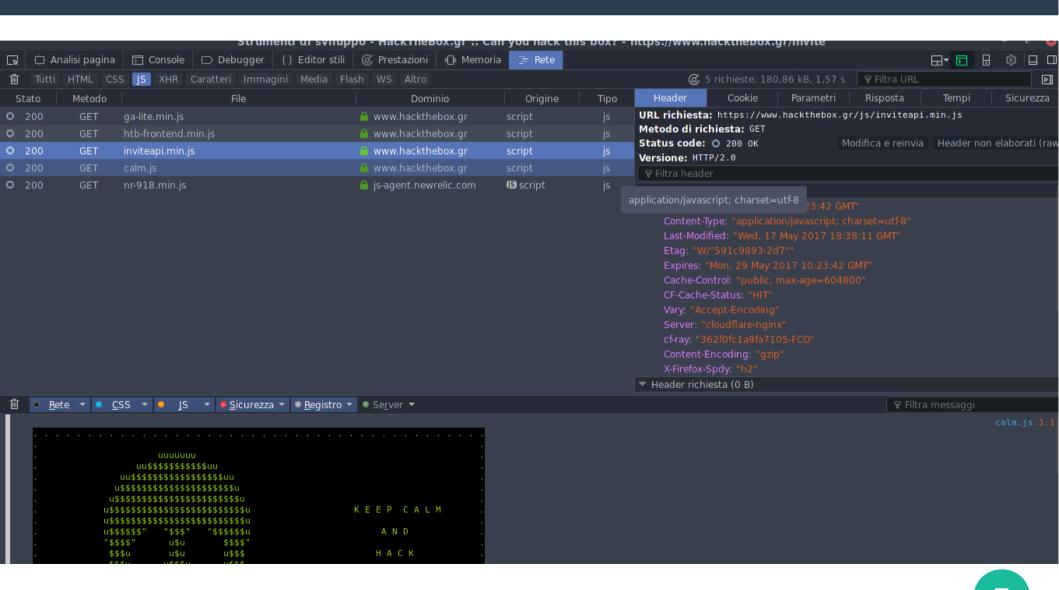
[1 Take a look to the source code!]

hackthebox

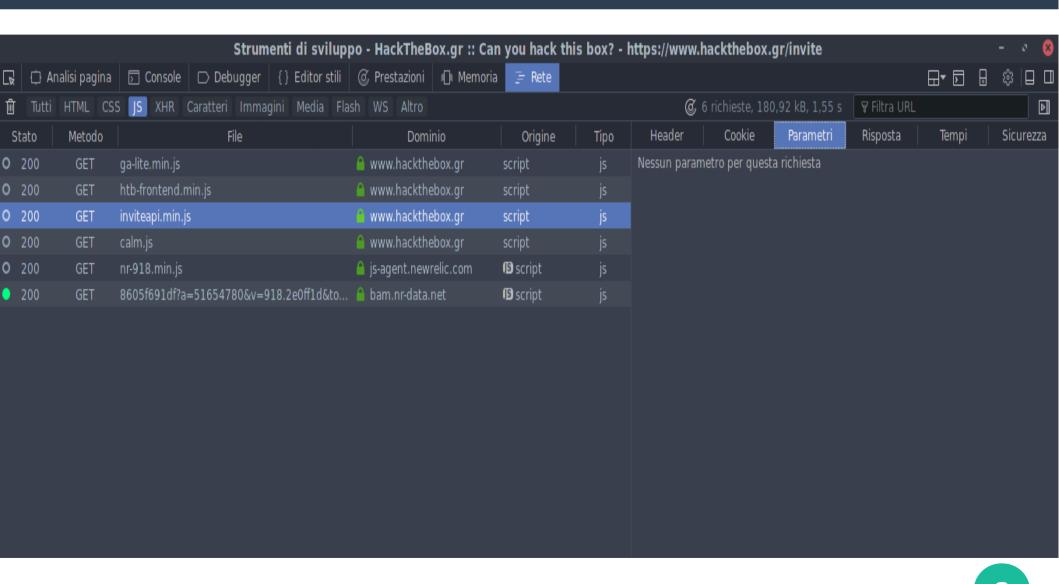
[Welcome to HTB login form]



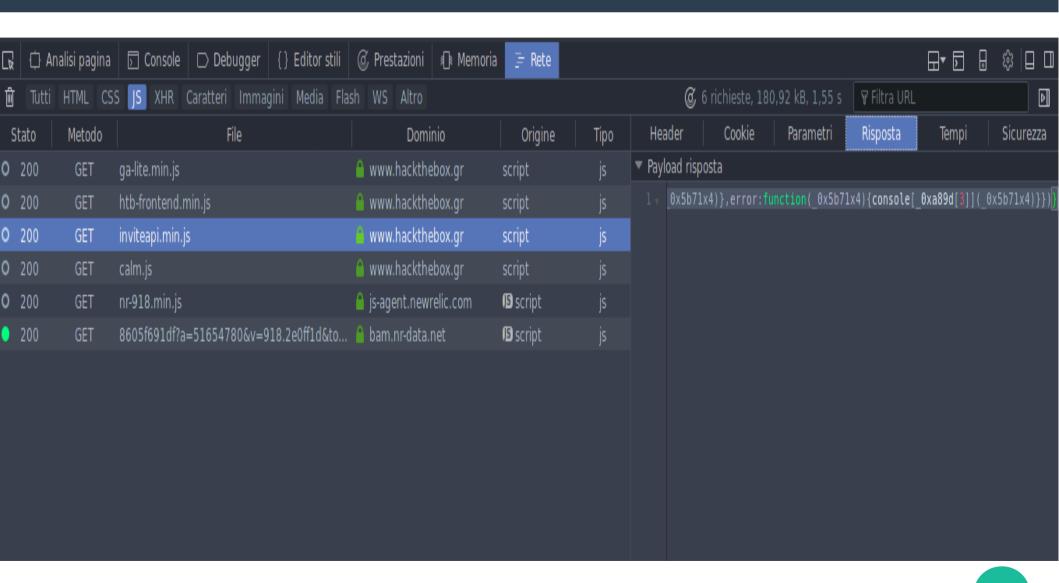
[2 Check the packets exchanged with the server]



[2 Check the packets exchanged with the server]



[2 Check the packets exchanged with the server]



[3 Oh! That's cool!]

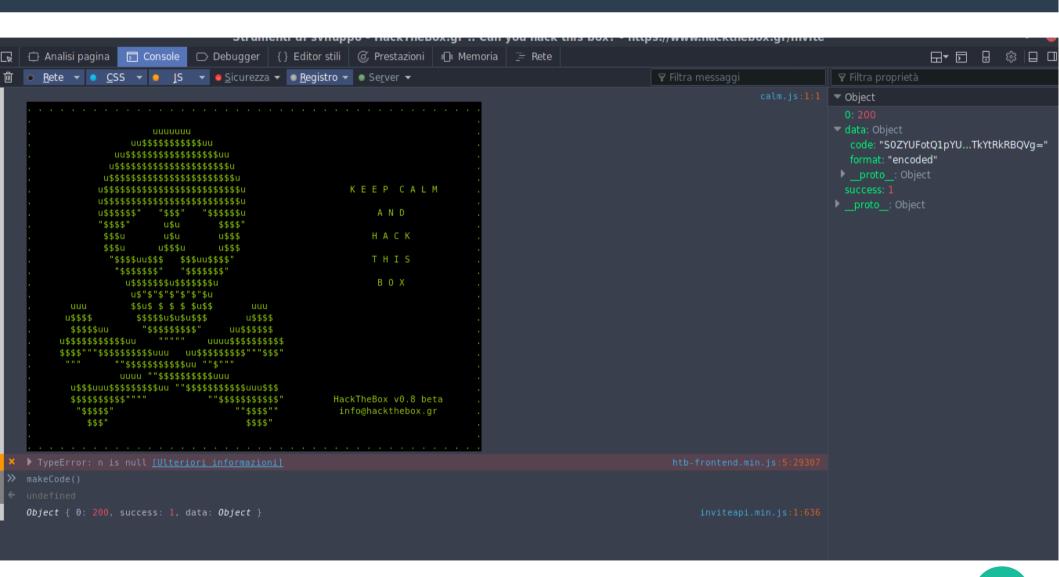
```
var 0xa89d = ["\x50\x4F\x53\x54", "\x6A\x73\x6F\x6E", "\x2F\x61\x70\x69\x2F\x69\x6E\x76\x65\x2F\x76\x65\x2F\x76\x65\x72\x69\x66\x79", "\x6C\x6F\x67", "\x6
function verifyCode( 0x5b71x2) {
 var \theta x5b71x3 = {
    "\x63\x6F\x64\x65": 0x5b71x2
  $[ 0xa89d[4]]({
   type: 0xa89d[0],
   dataType: 0xa89d[1],
   data: 0x5b71x3,
   url: 0xa89d[2],
   success: function( θx5b71x4) {
     console[ 0xa89d[3]]( 0x5b71x4)
   error: function( 0x5b71x4) {
      console[ 0xa89d[3]]( 0x5b71x4)
 $[ 0xa89d[4]]({
   type: 0xa89d[0],
   dataType: 0xa89d[1],
   url: 0xa89d[5],
   success: function( θx5b71x4) {
      console[ 0xa89d[3]]( 0x5b71x4)
   error: function( 0x5b71x4) {
      console[_0xa89d[3]](_0x5b71x4)
```

[4 Try to call the function]

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                                                 HackTheBox v0.8 beta
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                               ""$$$$""
                                                  info@hackthebox.gr
    $$$"
                                 $$$$"
```

- TypeError: n is null [Ulteriori informazioni]
- makecode()
- Object { 0: 200, success: 1, data: Object }

[4 Try to call the function]



[5 Right Way, but ...]

The server response is encrypted, how do we do it?

Any idea?

[I've already seen that encoding maybe is base64?]

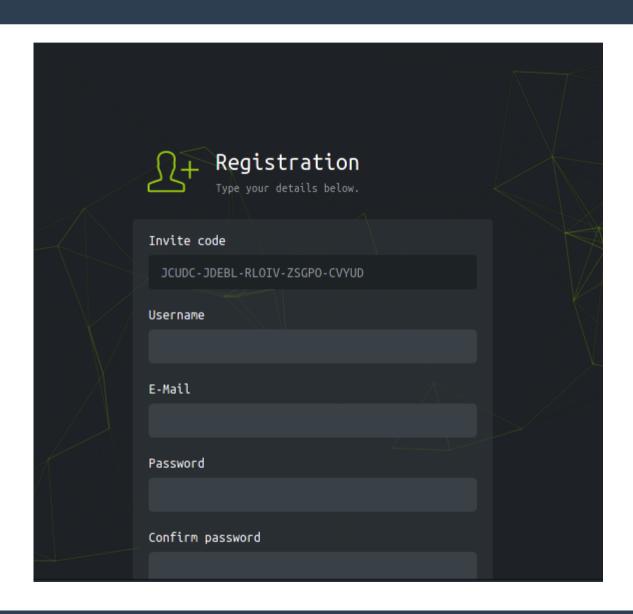
Try do decode the base64 encoding and ...

Decode from Base64 format Simply use the form below SOZYUFotQ1pYU04tS01OWVctQVdHTkYtRkRBQVg= SOZYUFotQ1pYU04tS01

Seems to have the appearance of an invitation code , what do you say?

KFXPZ-CZXSN-KMNYW-AWGNF-FDAAX

[Try the code!]



Works!!!!

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