

Hunting

Exploiting

Reporting



nmap

```
nmap -sV -0 -Pn 192.168.1.2

Nmap scan report for 192.168.1.2
Host is up (0.0041s latency).
Not shown: 998 closed ports
PORT STATE SERVICE VERSION
22/tcp open ssh OpenSSH 6.0p1 Debian 4
80/tcp open http nginx 1.2.1
```



python-libnmap

```
ip = ifconfig.get_ip('wlan1')
targets = ip + '/24'

nm = NmapProcess(targets, '-sV -0 -Pn')
rc = nm.run()

report= NmapParser.parse(nm.stdout)

db = NmapMongodbPlugin(dbname='scan')
report.save(db)
```

Hunting

Exploiting

Reporting



CVE Search



vFeed

```
def find_exploits(cve_ids):
    exploits = []

for id in cve_ids:
    vfeed = vFeed(id)
    cve_info = vfeed.get_cve()
    cve_info['id'] = id
    cve_info['msf'] = vfeed.get_msf()
    cve_info['score'] = vfeed.get_cvss()

    exploits.append(cve_info)

return exploits
```

Hunting

Exploiting

Reporting



vFeed

CVE ID: CVE-2010-2550

The SMB Server in Microsoft Windows does not properly validate fields in an SMB request, which allows remote attackers to execute arbitrary code via a crafted SMB packet.

[cvss_base]: 10.0

[cvss_impact]: 10.0

[msf_id]: ms10_054_queryfs_pool_overflow.rb

[msf_title]: Windows SrvSmbQueryFsInformation

[msf_file]: metasploit-

framework/modules/auxiliary/dos/windows/smb/ms10_

054_queryfs_pool_overflow.rb

Hunting

Exploiting

Reporting



My Happy Place

DirBuster, BurpSuite, Wfuzz, ... mine

Hunting

Exploiting

Reporting



My Happy Place

```
DirBuster, BurpSuite, Wfuzz, ... mine
```

```
*.bak
*.~
#*#
*.off
*.zip
*.tar.gz
*.tgz
*.tgz
*.tbz
*.git/
/tmp
etc ...
```

Hunting

Exploiting

Reporting



My Happy Place

http://project-dev.example.com/project.zip

And

http://project-dev.example.com/.git/

And

http://project.example.com/.git/

Hunting

Exploiting

Reporting



The End Game

Gaining Root Access → The cycle repeats

Gathering

Hunting

Exploiting

Hunting

Exploiting

Reporting



Good Guys vs Bad Guys

Obligatory disclamer ...