



hahwul / a2sv

Code

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Pulse



README.md



1. A2SV?

Auto Scanning to SSL Vulnerability.
HeartBleed, CCS Injection, SSLv3 POODLE,
FREAK... etc

A. Support Vulnerability

- [CVE-2007-1858] Anonymous Cipher
- [CVE-2012-4929] CRIME(SPDY)
- [CVE-2014-0160] CCS Injection
- [CVE-2014-0224] HeartBleed
- [CVE-2014-3566] SSLv3 POODLE

[CVE-2015-0204] FREAK Attack

[CVE-2015-4000] LOGJAM Attack

[CVE-2016-0800] SSLv2 DROWN

B. Dev Plan

[PLAN] SSL ACCF

[PLAN] SSL Information Analysis

2. How to Install?

A. Download(clone) & Unpack A2SV

```
git clone https://github.com/hahwul/a2sv.git  
cd a2sv
```

B. Install Python Package / OpenSSL

```
pip install argparse  
pip install netaddr
```

```
apt-get install openssl
```

C. Run A2SV

```
python a2sv.py -h
```

3. How to Use?

```
usage: a2sv [-h] [-t TARGET] [-tf TARGETFI:  
           [-d DISPLAY] [-u] [-v]
```

optional arguments:

<code>-h, --help</code>	show this help message
<code>-t TARGET, --target TARGET</code>	Target URL and IP > e.g <code>-t 127.0.0.1</code>
<code>-tf TARGETFILE, --targetfile TARGETFILE</code>	Target file(list) > e.g <code>-tf ./target_list.txt</code>
<code>-p PORT, --port PORT</code>	Custom Port / Default Port > e.g <code>-p 8080</code>
<code>-m MODULE, --module MODULE</code>	Check SSL Vuln with module [anonymous]: Anonymous [crime]: Crime(SPDY) [heart]: HeartBleed [ccs]: CCS Injection [poodle]: SSLv3 POODLE [freak]: OpenSSL FREAK [logjam]: OpenSSL LOGJAM [drown]: SSLv2 DROWN
<code>-d DISPLAY, --display DISPLAY</code>	Display output [Y,y] Show output [N,n] Hide output
<code>-u, --update</code>	Update A2SV (GIT)
<code>-v, --version</code>	Show Version

[Scan SSL Vulnerability]

```
python a2sv.py -t 127.0.0.1
```

```
python a2sv.py -t 127.0.0.1 -m heartbleed
```

```
python a2sv.py -t 127.0.0.1 -d n
```

```
python a2sv.py -t 127.0.0.1 -p 8111
```

```
python a2sv.py -tf target_list.txt
```

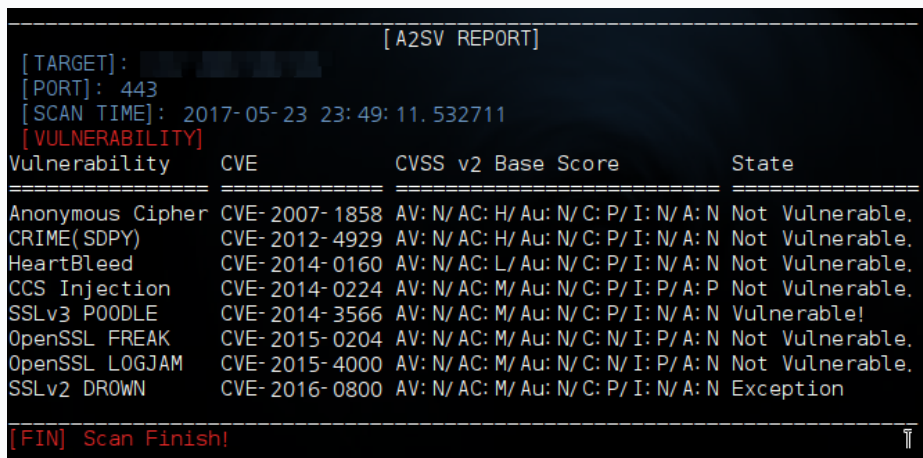
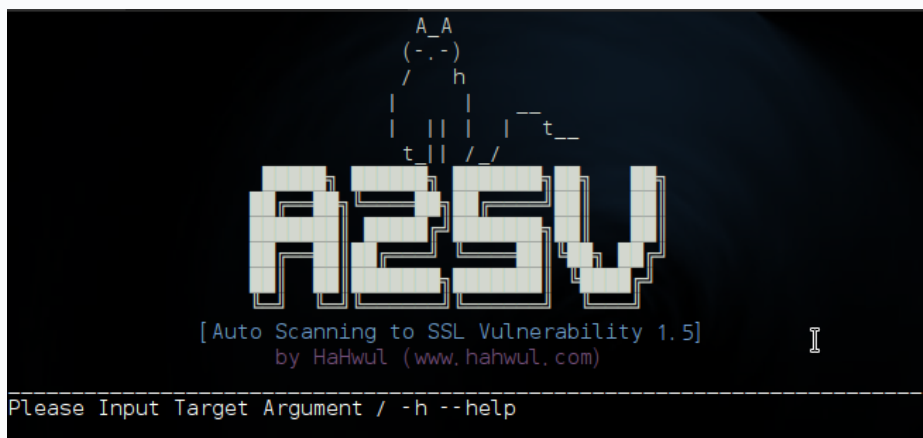
[Update A2SV]

```
python a2sv.py -u
python a2sv.py --update
```

4. Support

Submit New Issue(github)
Contact hahwul@gmail.com

5. Screen shot



6. Code Reference Site

poodle :

<https://github.com/supersam654/Poodle-Checker>

heartbleed :

<https://github.com/sensepost/heartbleed-poc>

ccs injection :

<https://github.com/Tripwire/OpenSSL-CCS-Inject-Test>

freak :

<https://gist.github.com/martinseener/d50473228719a9554e6a>



Desktop version