# Atk6-dnsdict6

这段代码是在我接触IPv6时得到的灵感，学到了更多更多关于它的信息——然后发现没有可以玩的工具(读“hack”)。首先，我试图用libnet实现一些东西，但是后来发现IPv6的实现只是部分的，而且很糟糕。我试图添加缺少代码，但这并不容易，因此我节省了时间很快写了我自己的图书馆。

来自—— https://github.com/vanhauser-thc/thc-ipv6

二，官方帮助手册
atk6-dnsdict6 v3.6 (c) 2019 by van Hauser / THC vh@thc.org www.github.com/vanhauser-thc/thc-ipv6

van Hauser/THCvh@THC.orgwww.github.com/van Hauser-THC/THC-ipv6，2019年3月6日（c）版

Syntax: atk6-dnsdict6 [-d4] [-s|-m|-l|-x|-u] [-t THREADS] [-D] domain [dictionary-file]

语法：atk6-dnsdict6[-d4][-s-1244；-m-124；-l-124；-x-124；-u[-t线程][-D]域[字典文件]

Enumerates a domain for DNS entries, it uses a dictionary file if supplied

枚举DNS项的域，如果提供，则使用字典文件

or a built-in list otherwise. This tool is based on dnsmap by gnucitizen.org.

或者是内置板。该工具基于gnucitizen.org的dnsmap。

Options:

选项：

-4 do also dump IPv4 addresses

-4也转储IPv4地址

-t NO specify the number of threads to use (default: 8, max: 32).

-t NO指定要使用的线程数（默认值：8，最大值：32）。

-D dump the selected built-in wordlist, no scanning.

-D转储选定的内置字列表，不扫描。

-d display IPv6 information on NS and MX DNS domain information.

-d显示NS和MX DNS域信息上的IPv6信息。

-e ignore no NS for domain errors

-在NS中忽略域错误

-S perform SRV service name guessing

执行SRV服务名称猜测

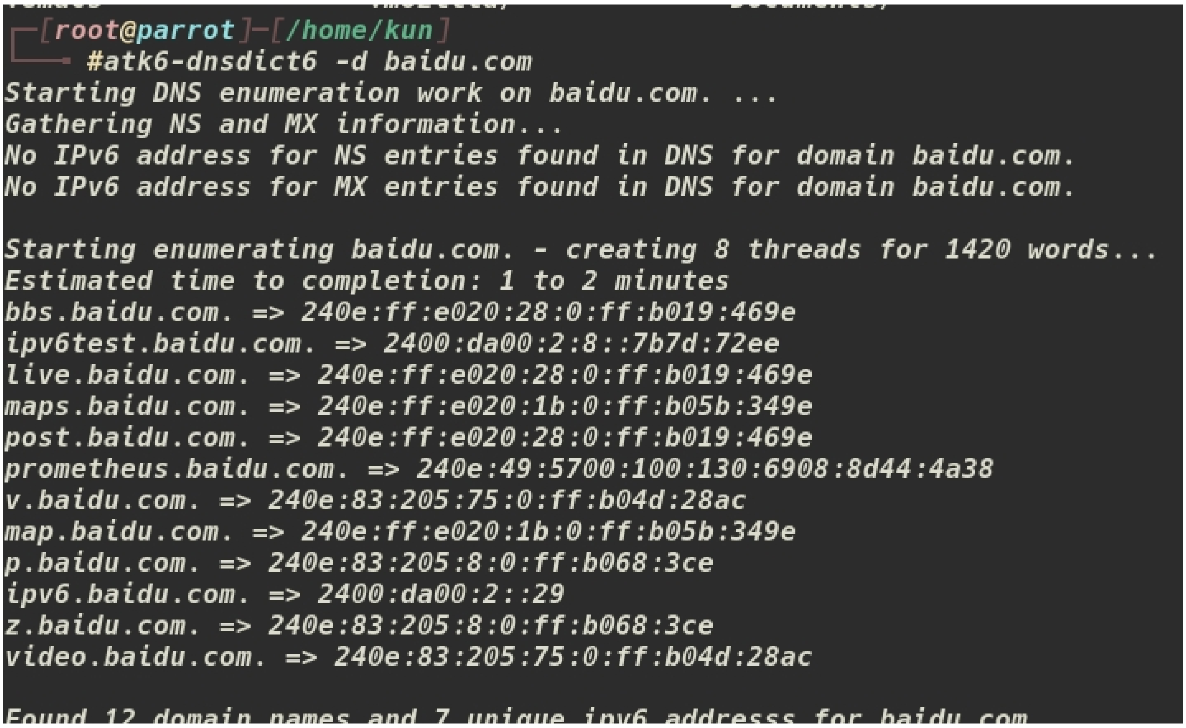
-[smlxu] choose the dictionary size by -s(mall=100), -m(edium=1419) (DEFAULT)

-[合同]按-s（mall=100）、-m（edium=1419）选择字典大小（默认值）

-l(arge=2601), -x(treme=5886) or -u(ber=16724)

-l（arge=2601）、-x（treme=5886）或-u（ber=16724）

三，基本命令使用
atk6-dnsdict6 -d baidu.com
-d的意思为显示NS和MX DNS域身上的IPv6信息

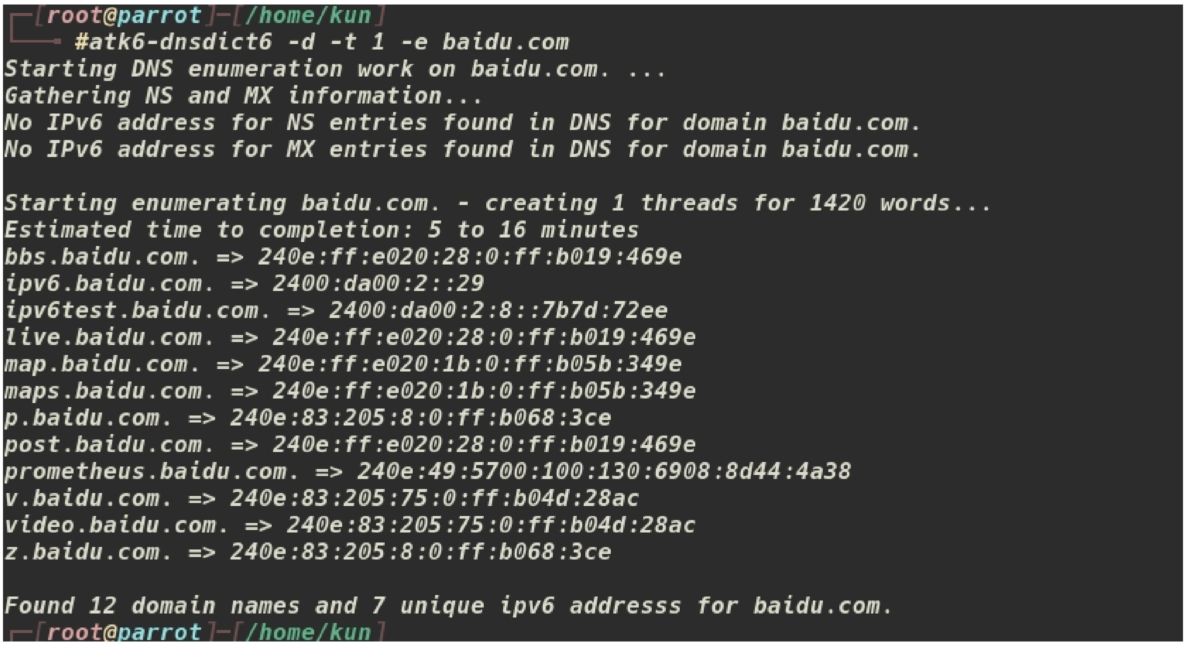


```
┌─[root@parrot]─[/home/kun]
└──╼ #atk6-dnsdict6 -d baidu.com
Starting DNS enumeration work on baidu.com. ...
Gathering NS and MX information...
No IPv6 address for NS entries found in DNS for domain baidu.com.
No IPv6 address for MX entries found in DNS for domain baidu.com.

Starting enumerating baidu.com. - creating 8 threads for 1420 words...
Estimated time to completion: 1 to 2 minutes
bbs.baidu.com. => 240e:ff:e020:28:0:ff:b019:469e
ipv6test.baidu.com. => 2400:da00:2:8::7b7d:72ee
live.baidu.com. => 240e:ff:e020:28:0:ff:b019:469e
maps.baidu.com. => 240e:ff:e020:1b:0:ff:b05b:349e
post.baidu.com. => 240e:ff:e020:28:0:ff:b019:469e
prometheus.baidu.com. => 240e:49:5700:100:130:6908:8d44:4a38
v.baidu.com. => 240e:83:205:75:0:ff:b04d:28ac
map.baidu.com. => 240e:ff:e020:1b:0:ff:b05b:349e
p.baidu.com. => 240e:83:205:8:0:ff:b068:3ce
ipv6.baidu.com. => 2400:da00:2::29
z.baidu.com. => 240e:83:205:8:0:ff:b068:3ce
video.baidu.com. => 240e:83:205:75:0:ff:b04d:28ac

Found 12 domain names and 7 unique ipv6 addresss for baidu.com
```

atk6-dnsdict6 -d t 1 -e baidu.com
使用atk6对biaud.com发起DNS枚举操作，扫描和显示DNS域和IPv6信息(-d)，并在NS中忽略域操作(-e)，且线程为1(-t)



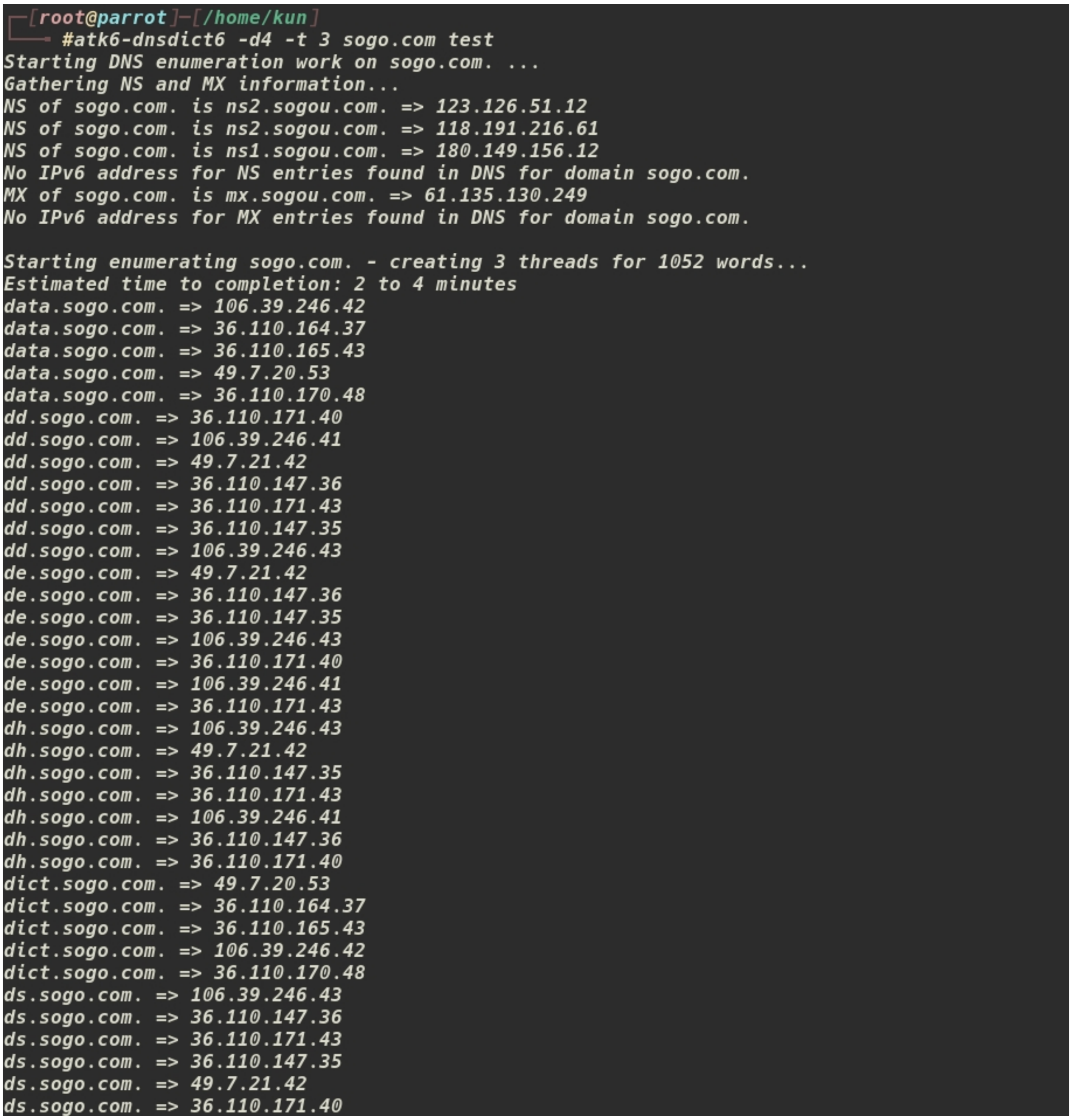
```
┌─[root@parrot]─[/home/kun]
└──╼ #atk6-dnsdict6 -d -t 1 -e baidu.com
Starting DNS enumeration work on baidu.com. ...
Gathering NS and MX information...
No IPv6 address for NS entries found in DNS for domain baidu.com.
No IPv6 address for MX entries found in DNS for domain baidu.com.

Starting enumerating baidu.com. - creating 1 threads for 1420 words...
Estimated time to completion: 5 to 16 minutes
bbs.baidu.com. => 240e:ff:e020:28:0:ff:b019:469e
ipv6.baidu.com. => 2400:da00:2::29
ipv6test.baidu.com. => 2400:da00:2:8::7b7d:72ee
live.baidu.com. => 240e:ff:e020:28:0:ff:b019:469e
map.baidu.com. => 240e:ff:e020:1b:0:ff:b05b:349e
maps.baidu.com. => 240e:ff:e020:1b:0:ff:b05b:349e
p.baidu.com. => 240e:83:205:8:0:ff:b068:3ce
post.baidu.com. => 240e:ff:e020:28:0:ff:b019:469e
prometheus.baidu.com. => 240e:49:5700:100:130:6908:8d44:4a38
v.baidu.com. => 240e:83:205:75:0:ff:b04d:28ac
video.baidu.com. => 240e:83:205:75:0:ff:b04d:28ac
z.baidu.com. => 240e:83:205:8:0:ff:b068:3ce

Found 12 domain names and 7 unique ipv6 addresss for baidu.com.
┌─[root@parrot]─[/home/kun]
```

atk6-dnsdict6 -d4 -t 3 sogo.com

转储为IPv4，线程为3。



```
┌─[root@parrot]─[/home/kun]
└──╼ #atk6-dnsdict6 -d4 -t 3 sogo.com test
Starting DNS enumeration work on sogo.com. ...
Gathering NS and MX information...
NS of sogo.com. is ns2.sogou.com. => 123.126.51.12
NS of sogo.com. is ns2.sogou.com. => 118.191.216.61
NS of sogo.com. is ns1.sogou.com. => 180.149.156.12
No IPv6 address for NS entries found in DNS for domain sogo.com.
MX of sogo.com. is mx.sogou.com. => 61.135.130.249
No IPv6 address for MX entries found in DNS for domain sogo.com.

Starting enumerating sogo.com. - creating 3 threads for 1052 words...
Estimated time to completion: 2 to 4 minutes
data.sogo.com. => 106.39.246.42
data.sogo.com. => 36.110.164.37
data.sogo.com. => 36.110.165.43
data.sogo.com. => 49.7.20.53
data.sogo.com. => 36.110.170.48
dd.sogo.com. => 36.110.171.40
dd.sogo.com. => 106.39.246.41
dd.sogo.com. => 49.7.21.42
dd.sogo.com. => 36.110.147.36
dd.sogo.com. => 36.110.171.43
dd.sogo.com. => 36.110.147.35
dd.sogo.com. => 106.39.246.43
de.sogo.com. => 49.7.21.42
de.sogo.com. => 36.110.147.36
de.sogo.com. => 36.110.147.35
de.sogo.com. => 106.39.246.43
de.sogo.com. => 36.110.171.40
de.sogo.com. => 106.39.246.41
de.sogo.com. => 36.110.171.43
dh.sogo.com. => 106.39.246.43
dh.sogo.com. => 49.7.21.42
dh.sogo.com. => 36.110.147.35
dh.sogo.com. => 36.110.171.43
dh.sogo.com. => 106.39.246.41
dh.sogo.com. => 36.110.147.36
dh.sogo.com. => 36.110.171.40
dict.sogo.com. => 49.7.20.53
dict.sogo.com. => 36.110.164.37
dict.sogo.com. => 36.110.165.43
dict.sogo.com. => 106.39.246.42
dict.sogo.com. => 36.110.170.48
ds.sogo.com. => 106.39.246.43
ds.sogo.com. => 36.110.147.36
ds.sogo.com. => 36.110.171.43
ds.sogo.com. => 36.110.147.35
ds.sogo.com. => 49.7.21.42
ds.sogo.com. => 36.110.171.40
```