dnsenum 1.2.6 Cheatsheet (ingenieriainformatica.uniovi.es)

multithreaded perl script to enumerate DNS information of a domain

https://github.com/fwaeytens/dnsenum

GENERAL USAGE

```
dnsenum [Options] <domain>
```

NOTES

If no -f tag supplied will default to /usr/share/dnsenum/dns.txt or the dns.txt file in the same directory as dnsenum.pl

OPTIONS

GENERAL OPTIONS

--dnsserver <server>: Use this DNS server for A, NS and MX queries.

--enum: Shortcut option equivalent to --threads 5 -s 15 -w.

-h, --help: Print this help message.

--nocolor: Disable ANSIColor output.

--noreverse: Skip the reverse lookup operations.

--private: Show and save private ips at the end of the file domain_ips.txt.

--subfile <file>: Write all valid subdomains to this file.

-t, --timeout <value>: The tcp and udp timeout values in seconds (default: 10s).

--threads <value>: The number of threads that will perform different queries.

-v, --verbose: Be verbose: show all the progress and all the error messages.

GOOGLE SCRAPING OPTIONS

-p, --pages <value>: The number of google search pages to process when scraping names, the default is 5 pages, the -s switch must be specified.

-s, --scrap <value>: The maximum number of subdomains that will be scraped from Google (default 15).

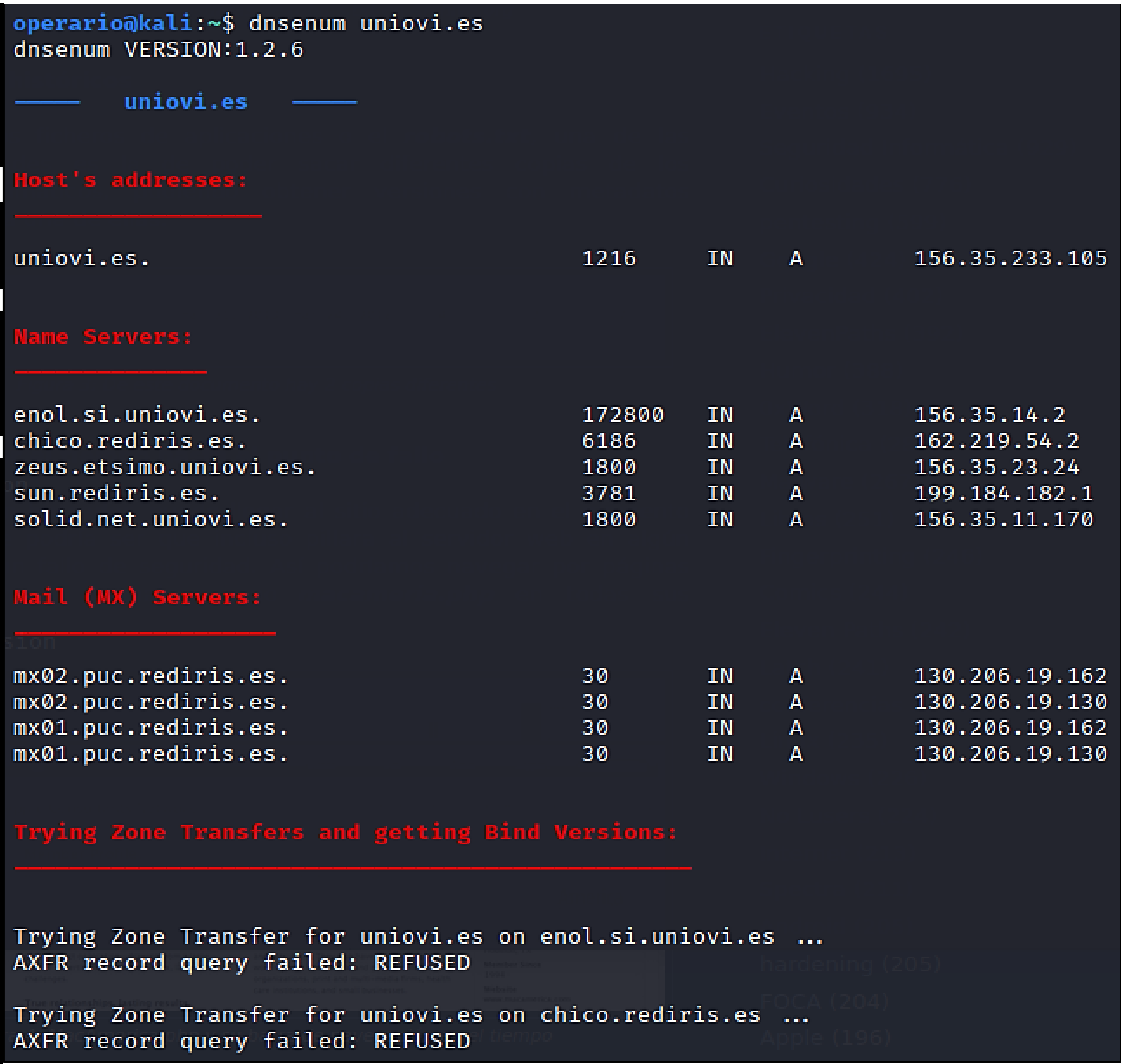
BRUTE FORCE OPTIONS

-f, --file <file>: Read subdomains from this file to perform brute force. (Takes priority over default dns.txt)

-r, --recursion: Recursion on subdomains, brute force all discovered subdomains that have an NS record.

-u, --update <a|g|r|z>: Update the file specified with the -f switch with valid subdomains.

a (all)	Update using all results.
g	Update using only google scraping results.
r	Update using only reverse lookup results.
z	Update using only zonetransfer results.



```
operario@kali:~$ dnsenum uniovi.es
dnsenum VERSION:1.2.6

─────   uniovi.es   ─────


Host's addresses:
__________________

uniovi.es.                               1216     IN    A        156.35.233.105


Name Servers:
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enol.si.uniovi.es.                       172800   IN    A        156.35.14.2
chico.rediris.es.                        6186     IN    A        162.219.54.2
zeus.etsimo.uniovi.es.                   1800     IN    A        156.35.23.24
sun.rediris.es.                          3781     IN    A        199.184.182.1
solid.net.uniovi.es.                     1800     IN    A        156.35.11.170


Mail (MX) Servers:
___________________

mx02.puc.rediris.es.                     30       IN    A        130.206.19.162
mx02.puc.rediris.es.                     30       IN    A        130.206.19.130
mx01.puc.rediris.es.                     30       IN    A        130.206.19.162
mx01.puc.rediris.es.                     30       IN    A        130.206.19.130


Trying Zone Transfers and getting Bind Versions:
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Trying Zone Transfer for uniovi.es on enol.si.uniovi.es ...
AXFR record query failed: REFUSED

Trying Zone Transfer for uniovi.es on chico.rediris.es ...
AXFR record query failed: REFUSED
```

WHOIS NETRANGE OPTIONS:

-d, --delay <value>: The maximum value of seconds to wait between whois queries, the value is defined randomly, default: 3s.

-w, --whois: Perform the whois queries on c class network ranges. **Warning**: this can generate very large netranges and it will take lot of time to perform reverse lookups.

REVERSE LOOKUP OPTIONS:

-e, --exclude <regexp>: Exclude PTR records that match the regexp expression from reverse lookup results, useful on invalid hostnames.

OUTPUT OPTIONS:

-o --output <file>: Output in XML format. Can be imported in MagicTree (www.gremwell.com)