

Zone walking - NSEC

ldns-walk @<nameserver> <domain>

```
ldns-walk @ns1.i nse cur edn s.com insecu red ns.com
ldns-walk @ns1.i nse cur edn s.com insecu red ns.c om.co llect
ns.com
```

Installing ldns utilities

```
sudo apt-get install ldnsutils #
On Ubuntu /Debian
yum install ldns # On Redhat /CentOS
```

Zone transfer

dig AXFR @<nameserver> <domain>

```
dig AXFR @ns1.i nse cur edn s.com insecu red ns.com
```

Zone walking - NSEC3 - nsec3walker

```
./collect insecu red ns.com > insecu red ns.c om.co llect
insecu red ns.c om.co llect > insecu red ns.c om
.unhash
```

Installing nsec3walker on Ubuntu 16.04:

```
wget https://d nsc urv e.o rg/ -
nse c3w alk er- 201 012 23.t ar.
gz`

tar -xzf nsec3w alk er- 201 012 -
23.t ar.gz

cd nsec3w alk er- 201 01223
insecu red -

sudo apt-get install build-ess-
ential

make
```

Calculating NSEC3 hash for a domain

```
ldns-n sec 3-hash -t <iteration> -s <salt> <domain>

ldns-n sec 3-hash -t 10 -s 1A2B3C 4D5E6F myzone.example.com
```



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