

The ISC Domain Survey

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Domain Survey is...

- Conducted since 1981
- Intervals shrinking; now quarterly
- 1987-1997 used XFER
- 1997-present uses IN-ADDR.ARPA

What it counts

- Hosts that have a PTR record
- Multiple addresses for same name

What it doesn't count

- Hosts by location
- Hosts by owner
- Multiple names for same address
- RFC1918 hosts
- Unpingable hosts

Example

213.181.200.186

duron.lepszy.niz.celeron.la

212.14.40.78 duze.bnc.la

212.14.40.84 duzy.botnet.la

195.62.10.135 \

o.vrea.intruna.nu.se.satura.nebuna.a.la

213.133.122.66 eat-my.shit.la

64.7.200.68 ecc.la

64.7.200.69 ecc.la

64.7.200.70 ecc.la

64.7.200.71 ecc.la

Sick example

```
rc3:data 22% gunzip < net.gz | grep botnet
195.159.62.52 botnet.congos.net
67.18.176.72 botnet.flaretech.net
65.75.158.144 botnettet.er.entretresju.net
66.90.99.90
i.have.botnets.so.bow.down.and.fearme.net
66.90.82.44 my.botnet.0wnz.y0ur.net
66.90.97.106 my.botnet.took.down.the-interr.net
```

Why? What value?

- There's nothing here that you couldn't do yourself
- But we have all of it
- There is value in aggregation
- There is value in history

Using our data

- We sell data for commercial use. It helps prevent us from being too *non* a nonprofit.
- If you're noncommercial and need our data, come talk to us. If you're poorer than we are, we can work something out.