

NZRS Status Update

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NZNOG'13 - Wellington



Last year @ NZRS

- DNSSEC
- New SLD: kiwi.nz
- SRS re-architecture
- 500,000 milestone
- New staff
- Data Analysis

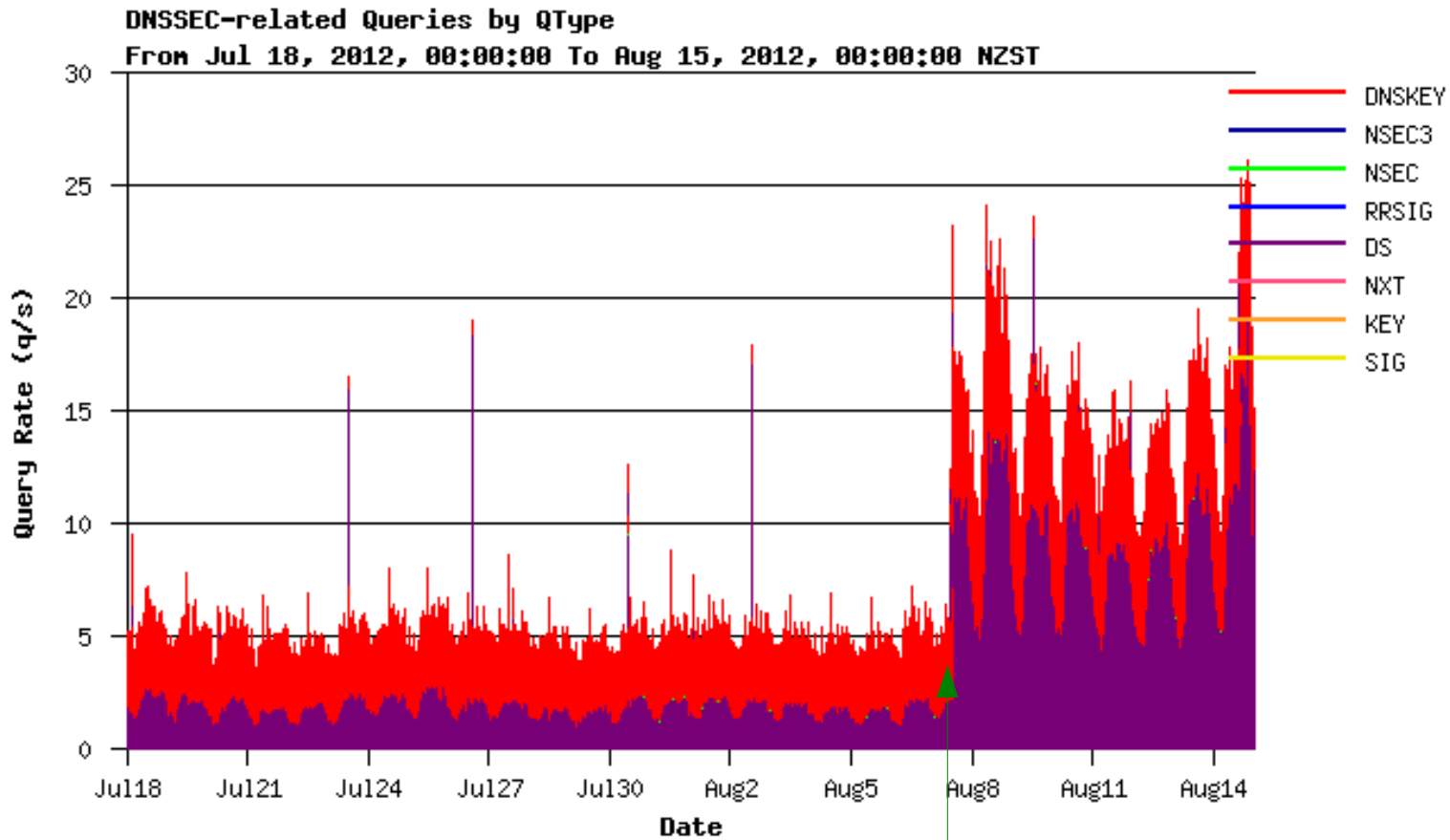


DNSSEC

- .nz zone signed on Nov 2011
- All SLD were signed during 2012
- 34 domains with DS records in the registry
 - 13 of them signed by people in this room
- Second Key Generation on Dec, .nz KSK happening now
- Want to sign? Have DS records?
 - Check <http://dnc.org.nz//story/authorised-registrars>



DNSSEC



Aug-7, co.nz DS records added to the .nz zone



Kiwi.nz

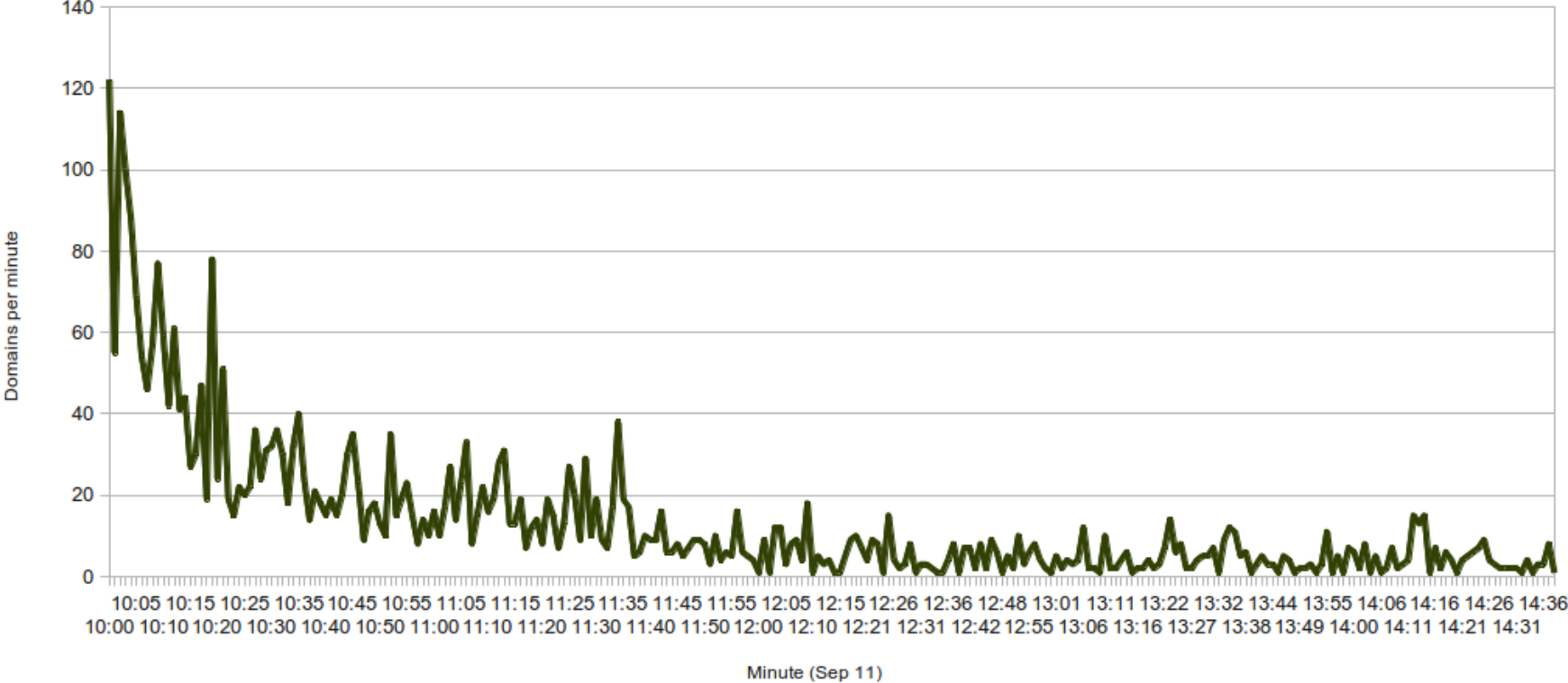
- Launched on Sep 11th, 10:00am
- Per policy, 500 registrations needed in the first month to become permanent
 - Over 1,000 registrations in the first 15mins
 - Over 5,000 registrations in the first 24 hours
 - 7,163 registrations in the first 20 days
- Currently the 4th largest SLD (after co.nz, net.nz, and org.nz)
- Signed from day 1



Kiwi.nz

kiwi.nz registrations

First 4 hours



SRS re-architecture

- Currently two sites, adding a third DR site
- Replacing in-house bespoke replication with off-the-shelf database replication
- Database Replication Master/Slave (One Master, One Sync and Four Async slaves)
- Physical Separation of middleware and database layers
- Addition of Load Balancing for front end web server
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New Staff

- David Morrison, Market and Channels Manager
- Mike Gray, Support analyst



500,000 domains

- During the kiwi.nz frenzy, we reached the 500,000 milestone
- We even gave a prize to:
 - drct.kiwi.nz:
Disabilities Resource Centre Trust in Whakatane

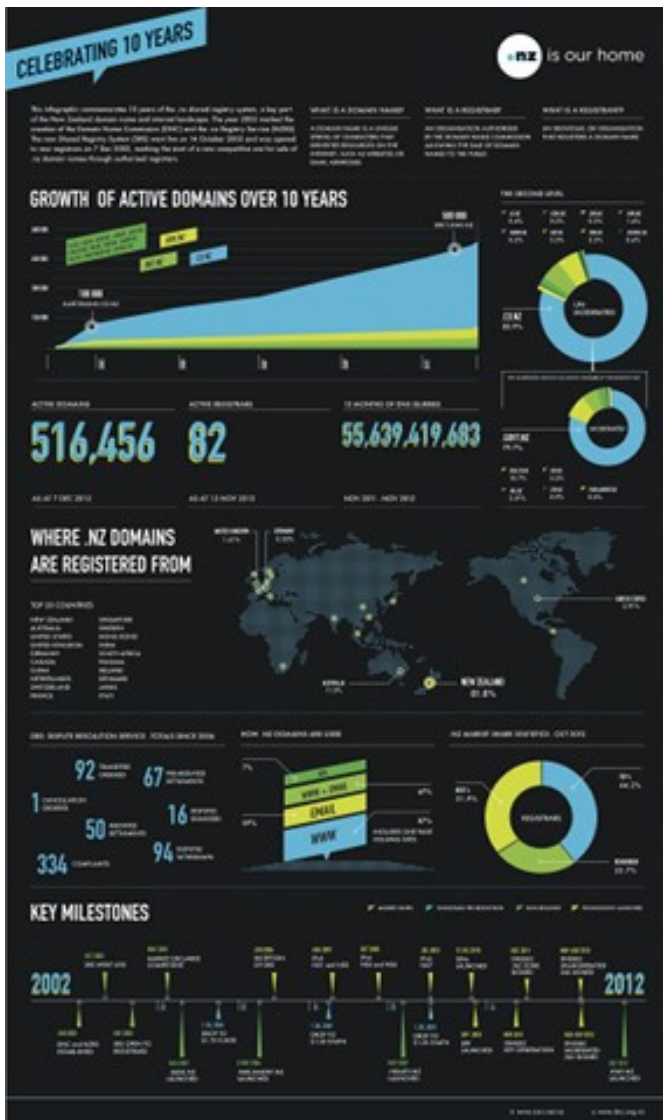


Data Analysis

- Project in the making
- Building a Hadoop Cluster for crunching all sorts of data
 - Currently working on PCAP files from .nz nameservers
 - NTP traffic, WHOIS traffic is on the radar
 - Seeking for all sorts of data
 - Interested? Talk to us!



FREE STUFF!



- As commemoration of the 10 years of the Shared Registry System, we created an infographic
- We have a few at the back to give away
 - If you don't get one, and want one, contact infographic@dnc.org.nz

