



.nz Newsletter – June 2013



Kiwis urged to speak up on proposed changes to New Zealand's Internet structure

People who have a .nz website or e-mail address should know about a proposal to change the country's Domain Name System (DNS). DNCL's proposal, which is now in its second round of public consultation, puts forward the idea of opening domain name registrations directly at the second level.

Should the proposal go forward, this means that people who want to register, say, anyone.co.nz might one day be able to simply register anyone.nz. For the general public, this would mean that second level domains like .ac, .co, .geek, .gen, .kiwi, .māori, .net, .org and .school would no longer be required, though people could still opt for them if they wanted to.

Full details of the consultation document and background material are available at http://dnc.org.nz/second_level_proposal_c2. Online submissions can be made at https://www.research.net/s/dnc_consultation2. The cut-off date for submissions is midday Wednesday 31 July, 2013.

DNCL acknowledges Registrars for DNSSEC efforts

DNCL acknowledges all domain name Registrars who are making efforts to make the DNS become more secure.

Godzone and Metaname are already completely DNSSEC-friendly and recently Gandi, Catalyst and Key Systems have officially met the criteria to be able to handle Delegation of Signing (DS) Records.

DNCL currently gives Registrars two levels of DNSSEC compliance: being able to handle DS records or be fully DNSSEC-friendly, a status that requires them to meet four levels of additional criteria. DS Records provide information about a signed zone file and is a significant step towards being completely DNSSEC-friendly.

DNCL Manager of Security Policy Barry Brailey believes it is only a matter of time until customers begin asking for DNSSEC services.

"Registrars who are trying to get DNSSEC-friendly status are ahead of the game because they can offer their customers tools that combat attacks like DNS spoofing," Mr Brailey says.

If you have any DNSSEC or general security questions, contact us at info@dnc.org.nz

Government Tender Notice

The Department of Internal Affairs is seeking proposals from suppliers for the provision of .govt.nz and .parliament.nz domain name Registrar and DNS services. Interested suppliers will find the relevant request for proposals (RFP) on the Government Electronic Tenders Service (<http://www.gets.govt.nz/>) by searching for GETS Ref 39301.

The response period for the RFP closes Monday 01 July 2013 at 10:00am.

Statistics

In May, the number of active .nz domain names increased from 530,479 to 534,006, a net increase of 3527. Figures as of 31 May, 2013:

| | 30 April 13 | 31 May 13 | New Registrations May | Renewals May | Net Change |
|--------------|----------------------------|--------------------------|--------------------------------------|-------------------------|-------------------|
| .ac | 2,005 | 2,019 | 41 | 351 | 14 |
| .co | 454,768 | 457,741 | 9,660 | 72,801 | 2973 |
| .cri | 12 | 12 | 0 | 1 | 0 |
| .geek | 1,231 | 1,226 | 13 | 290 | -5 |
| .gen | 1,394 | 1,383 | 4 | 321 | -11 |
| .govt | 1,119 | 1,122 | 3 | 1,088 | 3 |
| .health | 167 | 169 | 2 | 147 | 2 |
| .iwi | 79 | 78 | 0 | 12 | -1 |
| .kiwi | 8,602 | 8,788 | 202 | 327 | 186 |
| .maori | 1,174 | 1,187 | 22 | 213 | 13 |
| .mil | 34 | 34 | 0 | 9 | 0 |
| .net | 28,958 | 29,096 | 580 | 4,376 | 138 |
| .org | 27,608 | 27,804 | 474 | 4,233 | 196 |
| .parliament | 9 | 10 | 1 | 9 | 1 |
| .school | 3,319 | 3,337 | 26 | 1,206 | 18 |
| TOTAL | 530,479 | 534,006 | 11,028 | 85,384 | 3,527 |

Note: the above figures do not include names in the 'pending release' status. They incorporate all active domain names in the .nz register. For more statistics, see <http://dnc.org.nz/statistics>

Availability

| Availability % | SLA | Mar 13 | Apr 13 | May 13 |
|-----------------------|------------|---------------|---------------|---------------|
| SRS | 99.9 | 100 | 100 | 100 |
| Whois | 99.9 | 100 | 100 | 100 |
| DNS | 100 | 100 | 100 | 100 |

SRS Response times

Performance figures on the production environment for the previous three months:

| Avg Response time (in seconds) | SLA Target | Mar 13 | Apr 13 | May 13 |
|--|-------------------|---------------|---------------|---------------|
| Domain Details Query | ≤0.5 | 0.04 | 0.04 | 0.04 |
| Domain Update | ≤0.8 | 0.23 | 0.19 | 0.24 |
| Domain Create | ≤0.8 | 0.27 | 0.27 | 0.30 |
| Get Message | ≤0.5 | 0.03 | 0.04 | 0.05 |
| Whois | ≤0.5 | 0.08 | 0.09 | 0.09 |
| Whois queries at back end including Registrar (volume 000's) | N/A | 8231 | 8224 | 9039 |
| Whois Server Queries (volume 000's) | N/A | 1191 | 1156 | 1395 |
| UDAI Valid Query | ≤0.5 | 0.11 | 0.12 | 0.6 |

Server DNS % Availability

| | Mar 13 | April 13 | May 13 |
|-----|--------|----------|--------|
| NS1 | 100 | 100 | 100 |
| NS2 | 100 | 100 | 100 |
| NS3 | 100 | 100 | 100 |
| NS4 | 100 | 100 | 100 |
| NS5 | 100 | 100 | 100 |
| NS6 | 100 | 100 | 100 |
| NS7 | 100 | 100 | 100 |

Unscheduled Outages during April 2013

| Outage Type | Total Duration |
|-------------------|------------------------|
| SRS Unscheduled | No unscheduled outages |
| WHOIS Unscheduled | No unscheduled outages |
| DNS | 0 |

Scheduled Outages during April 2013

| Outage Type | Total Duration |
|-------------------------|----------------|
| SRS Scheduled | 6 hours |
| SRS Emergency Scheduled | 0 |
| Whois Scheduled | 6 hours |

Planned Scheduled Outages

Details of future SRS releases and planned scheduled outages can be found on our website <http://nzrs.net.nz/notices/updates>

Any Comments?

If you have any questions or concerns about the SRS, please don't hesitate to contact us. For registry or technical matters, contact Dave Baker at support@nzrs.net.nz or on 04 931 6970. For all other matters, contact Debbie Monahan at info@dnc.org.nz.

Please Note

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