

.nz NEWSLETTER – October 2009

:: Domain Name Commission ::

Consultation on Second Level Domains Policy Review

InternetNZ, through Domain Name Commission Limited (DNC), is currently reviewing the existing Second Level Domains (2LD) policy. The current policy can be seen at http://dnc.org.nz/content/second_level_domains.pdf

This policy was last reviewed over 2003-2004 when a Working Group put out papers for public consultation. These papers sought comment on a number of issues including introducing registrations in .nz at the second level and the process for creating a new second level domain. The review resulted in changes to the process of creating a new second level domain but did not introduce .nz registrations at the second level.

Since that last review, three new second level domains have been added to the .nz space - .bank.nz, .parliament.nz and .health.nz. All three new second level domains are moderated ones. There have been no new open 2LDs since .geek.nz back in 2003, under the previous policy.

The 2LD Policy sets out the general rules regarding the structure of the .nz domain name space. Appendices to the policy provide the application forms for new 2LDs and a schedule of fees.

Currently the policy includes:

- The list of open and moderated second level domains, defining the communities of interest reflected in the .nz 2LD structure
- The criteria for new 2LDs and the process undertaken upon application for a new open or moderated second level domain
- The procedure for closing an existing 2LD

We welcome comment on any aspect of the policy. Submissions can be sent by email to policies@dnc.org.nz, by fax to (04) 495 2115, or by mail to PO Box 11881, Wellington 6142. As submissions are received they will be published on the DNC website at <http://www.dnc.org.nz/2LD-review09>. Submissions should be received by midday on Wednesday 27 January 2010.

Dispute Resolution Service (DRS) – System Outage

The Dispute Resolution Service website will be undergoing scheduled maintenance between 08:00 and 10:30 (NZST) on the morning of the 29th October 2009. During this time it will not be possible to make a complaint, response or reply. If this causes you any inconvenience please contact drs@dnc.org.nz

Statistics

In September, the number of active .nz domain names increased from 370,084 to 374,099, a net increase of 4015.

Figures as at 30 September 2009:

	<i>Active names as at 1 September</i>	<i>Active names as at end 30 September</i>	<i>New registrations September</i>	<i>Renewals September</i>	<i>Net Growth</i>
.ac	1691	1703	34	345	12
.co	319397	322888	8004	60864	3491
.cri	15	15	0	3	0
.geek	905	912	20	207	7
.gen	1236	1239	18	294	3
.govt	1000	1005	5	915	5
.health	4	45	41	0	41
.iwi	69	69	0	13	0
.maori	568	569	15	112	4
.mil	22	22	0	4	0
.net	20931	21127	541	4101	196
.org	21321	21565	478	4167	244
.parliament	7	7	0	7	0
.school	2921	2933	25	1232	12
TOTAL	370084	374099	9181	72264	4015

Note: these 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>

:: .nz Registry Services ::

Project Programme

Following on from the success of our Technical and Business Systems Review (TBSR) we have moved to an annual Project Programme for systems and infrastructure development. This year we have recently finalised the Project Plan and we are publishing details below, but in following years it will take place in line with our budget cycle and be ready in the early part of the calendar year.

The list of projects includes:

- Implementation of EPP
- Postgres/Apache Upgrade
- Implementation of IDN
- Hardware Upgrade (12 servers)
- SRS Test Cluster
- DNSSEC Implementation
- DDOS Mitigation
- Hidden Primary (3rd)
- DNS Test Cluster
- DNS Monitoring/Reporting
- PGP Key Server
- NTP Server
- Intra-site Connection

For TBSR we were able to interview a number of you on your priorities and ideas, which were then incorporated into TBSR. With an annual programme such extensive consultation may not be possible and so we are interested in hearing from you on how would best like to engage with us and help us plan future developments.

Availability

Availability %	SLA	July	August	September
SRS	99.90	100	99.58	99.98
Whois	99.90	100	99.58	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	July	August	September
Domain Details Query	≤0.5	0.04	0.04	0.04
Domain Update	≤0.8	0.33	0.37	0.33
Domain Create	≤0.8	0.38	0.38	0.37
Get Message	≤0.5	0.05	0.04	0.05
Whois	≤0.5	0.09	0.1	0.09
Whois queries at back end including Registrar (volume 000's)	N/A	2316	2661	3053
Whois Server Queries (volume 000's)	N/A	419	367	481

UDAI Valid Query	≤0.5	0.12	0.14	0.12
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Server DNS % Availability

	July	August	September
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 September 2009

Outage Type	Total Duration
SRS Unscheduled	8 minutes and 19 seconds
WHOIS Unscheduled	64 seconds
DNS	

Scheduled Outages during September 2009

Outage Type	Total Duration
SRS Scheduled	3 hours & 15 mins
Whois Scheduled	3 hours & 15 mins

SRS Releases / Planned Scheduled Outages

Upcoming SRS Maintenance Windows

There will be three scheduled maintenance windows over the next weeks.

During the maintenance windows we will be switching the SRS front End from Wellington to Albany and vice versa to allow upgrades on the SRS operating system and the hardware at our Auckland data centre.

Dates of Maintenance Windows:

31/10/2009 07:00-09:00 am NZDT (Switch SRS frontend to AK)

8/11/2009 07:00-09:00 am NZDT (Switch SRS frontend to WG)

29/11/2009 07:00-09:00 am NZDT (Switch SRS frontend to AK)

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. For all other matters, contact Debbie Monahan at info@dnc.org.nz.

Please Note

If you would like to be notified of future updates, please use the [SUBSCRIBE](#) function on the DNC site and select the category 'Newsletters'. If you ever want to stop receiving our newsletter, please send an email with 'Unsubscribe' in the subject line to unsubscribe@dnc.org.nz.