

.nz NEWSLETTER – February 2011

:: Domain Name Commission ::

.nz Dispute Resolution Service Policy Review

In line with the order of policy reviews agreed previously, the DNC is about to commence a consultation on the review of the .nz Dispute Resolution Service Policy.

A copy of the current policy is available at http://dnc.org.nz/content/dispute_resolution_service.pdf

This policy was last reviewed in December 2007 following its first full year of operation, and at that time only minor changes were made. This new review takes place as part of the regular cycle of reviews. Three changes are proposed. These are:

- Clause 3 should include a definition of the term Mediator as used throughout the policy
- Clause B20.1 should be amended to set the fee for referral to an Expert at \$2,000 plus GST (currently \$1,800 plus GST)
- Clause B20.4 should be amended to set the fee for appeal to \$7,200 plus GST (currently \$6,600 plus GST). If the option is used to pay a deposit and the balance, the deposit is \$800 plus GST and non-refundable, and the balance is \$6,400 plus GST.

We are now seeking comment on any aspect of the policy, and on the changes outlined above.

Comments should be sent by email to policies@dnc.org.nz, by fax to (04) 495 2115, or by mail to P O Box 11881, Wellington. As submissions are received they will be published on the DNC website at <http://dnc.org.nz/story/drs-2011-review> Submissions should be received by midday on Monday 4 April 2011.

Statistics

In December, the number of active .nz domain names increased from 423,764 to 426,493, a net increase of 2,729.

Figures as at 31 January 2010:

	<i>Active names as at 1 January</i>	<i>Active names as at end 31 January</i>	<i>New registrations January</i>	<i>Renewals January</i>	<i>Net Growth</i>
.ac	1,826	1,843	30	323	17
.co	366,984	369,327	6,554	61,792	2343

.cri	14	14	0	2	-
.geek	1,034	1,037	18	205	3
.gen	1,316	1,324	19	289	8
.govt	1,074	1,078	4	1,040	4
.health	126	126	0	96	-
.iwi	78	77	0	10	-1
.maori	621	625	10	85	4
.mil	28	29	1	4	1
.net	23,537	23,720	433	4,302	183
.org	24,063	24,223	335	4,134	160
.parliament	7	7	0	7	-
.school	3,056	3,063	19	1,260	7
TOTAL	423,764	426,493	7,423	73,549	2729

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 ::

DNSSEC

We are actively working on the DNSSEC deployment for .nz. We have chosen a signing architecture based on OpenDNSSEC and the Sun Crypto Accelerator 6000 for the Hardware Security Module.

Changes to the SRS system to support DS records have been completed. This functionality is currently turned off in the production SRS and it will be activated when the DNSSEC deployment begins. The SRS RPS test system is available for registrars that wish to test their interface with DS records.

Testing of the signing architecture is currently underway and we expect to complete this by March.

If you have any questions, please contact Dave or Sebastian on support@nzrs.net.nz

EPP

We have deployed a functioning version of the SRS EPP interface to the SRS production system. If there are any registrars that would like to use the EPP interface on the test or production system then please contact Dave or Manu on support@nzrs.net.nz

RIK Redevelopment Project

This project is currently in progress. The first phase of the project to simplify the installation and upgrading process of the RIK (Registrar Information Kit) has been completed. The second phase to update the SRSCient and the SRS libraries is underway and expected to be completed over the next few months.

During the Maintenance Window in January we released the RIK version 5.7. This release introduced a new approach for handling the installation of the dependent CPAN libraries (community Perl modules) required to use the 'sendXML' and 'SRSCient' programs.

We now provide pre-built 'CPAN libs' tarballs for a set of popular platforms. The tarball for your chosen platform will be required, along with the tarball for the RIK itself.

The installation process should, in most cases, be significantly simpler. Please see the updated INSTALL doc in the RIK for the full installation process. The RIK and 'CPAN' tarballs can be downloaded from the NZRS website <http://nzrs.net.nz/srs/rik>

This change is designed to be backwards compatible, so if you have already installed the CPAN libraries, you won't have to change anything to upgrade the RIK.

The list of currently supported platforms is:

- * Debian Lenny (i386/x64)
- * Ubuntu Lucid (i386/x64)
- * Fedora 14 (i386/x64)
- * OpenSuSE 11.3 (i386/x64)
- * FreeBSD 8.1 (i386)
- * Solaris 10u8 (i386)

Note, the CPAN lib tarballs are tested on the above distribution versions only.

Other platforms may be supported in the future. Please contact us with any specific requirements you may have.

Availability

Availability %	SLA	November	December	January
SRS	99.90	100	100	100
Whois	99.90	99.97	100	99.97
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	Nov 10	Dec 10	Jan 11
Domain Details Query	≤0.5	0.05	0.03	0.02
Domain Update	≤0.8	0.23	0.23	0.22
Domain Create	≤0.8	0.27	0.26	0.27
Get Message	≤0.5	0.03	0.04	0.03
Whois	≤0.5	0.06	0.06	0.06
Whois queries at back end including Registrar (volume 000's)	N/A	5,553	5,001	6,167
Whois Server Queries (volume 000's)	N/A	649	656	656
UDAI Valid Query	≤0.5	0.11	0.11	0.10

Server DNS % Availability

	November	December	January
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 January 2011

Outage Type	Total Duration
SRS Unscheduled	-
WHOIS Unscheduled	-
DNS	-

Scheduled Outages during January 2011

Outage Type	Total Duration
SRS Scheduled	2 hour maintenance
SRS Emergency Scheduled	-
Whois Scheduled	2 hour maintenance
Whois Unscheduled	672 seconds

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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