.nz NEWSLETTER – May 2011

:: Domain Name Commission ::

.nz Dispute Resolution Service Policy Amendment

This is to advise of amendments to the .nz Dispute Resolution Service Policy and Procedure following the recent review.

The amended .nz Dispute Resolution Service Policy, version 3.0, will come into effect on 1 July 2011.

The amendments are as follows:

> Clause 3 includes a definition of the term Mediator as used throughout the policy. The definition of "Mediator" being 'a person appointed to mediate a Domain Name dispute under paragraph B6 of the Procedure'

> A new clause, 6.4 is added, to read 'Trading in domain names for profit, and holding a large portfolio of domain names, are of themselves lawful activities. The Expert will review each case on its merits.'

> Clause B20.1 is amended to set the fee for referral to an Expert at $2,000 plus GST (currently $1,800 plus GST)

> Clause B20.4 is amended to set the fee for appeal to $7,200 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 (currently $6,600 plus GST).

These amendments will apply to all disputes received on or after 1 July 2011.

The existing version of the policy is available on the Disputes homepage.

Minutes of DNCL Board Meeting - 28 April 2011

The minutes of the DNCL Board meeting held on 28 April 2011 are available in html or pdf.

.nz Policy Amendments relating to DNSSEC Implementation

This is to advise of amendments to four .nz policies to encompass the implementation of DNSSEC into the .nz domain name space.

DNSSEC has been developed to provide authentication and integrity to the Domain Name System (DNS). The introduction of DNSSEC to .nz will improve the security posture of New Zealand by providing Registrants with an effective tool to combat attacks such as website phishing. For more information on DNSSEC please refer to the DNSSEC Background Paper.

The amended policies took effect from Monday 2 May 2011.

1. Privacy Policy

The current clause 4.2 of the [Privacy Policy](#) has been amended to reflect the addition of the *DS Record List* to the WHOIS:

> 4.2   Following is a list of all the personal information that will be used by NZRS to facilitate a WHOIS search:
> - Domain Name.
> - Designated Registrar.
> - Name Server List.
> - Registrant Contact Details.
> - Administrative Contact Details.
> - Technical Contact Details.
> - Registration status.
> - Date registered.
> - Date registered/billed until.
> - Domain Signed.
> - DS Record List.

2. Registering, Managing, and Cancelling Domain Names Policy

The current clauses 7.1 and 8.1 of the [Registering, Managing, and Cancelling Domain Names Policy](#) (RMC) have been updated. Clause 7.1 includes the *DS Record List* which will be able to be stored in the registry, and also includes the *Registrant Name* and *Customer ID* fields which are currently listed in clause 8.1. Clause 8.1 includes the *DS Record List*:

> 7.1   When registering a new domain name the registrar will supply the following data:
> - Domain name.
> - Name server list. (Optional)
> - Registrant Name.
> - Registrant contact details.
> - Registrant Customer ID. (Optional)
> - Administrative contact details.
> - Technical contact details.
> - Billing term.
>
> and, if applicable:
> - DS Record List.

> 8.1   Registrars will be required to maintain the details of the domain names for which they are the registrar. They will be able to amend/update the following fields:
> - Name Server List.
> - Registrant Name.
> - Registrant Contact Details.
> - Registrant Customer ID.
> - Administrative Contact Details.
> - Technical Contact Details.
> - Billing Term.
> - DS Record List.

The following two new clauses 8.14 and 8.15 will be added to the RMC to address additional responsibilities associated with DNSSEC:

8.14 In relation to managing DNSSEC signed domain names, Registrants, or their DNS Operator, will be responsible for:

- generating and managing their keys;
- generating the DS Records; and
- determining how often they perform key rollovers.

8.15 When a Registrant elects to un-sign a DNSSEC signed name, the Registrar will remove the DS Records for that name as soon as it is practical to do so.

The following new section has been added to the RMC, as section _9. Name Server Updates,_ to address how Registrars are to handle name server updates, for signed domain names they manage. The existing sections 9 through to 15 have been renumbered 10 through to 16 respectively:

9. Name Server Updates

9.1 Registrants can elect to operate their own domain name system or they can delegate this responsibility to a third party called a 'DNS Operator'. The DNS Operator could be the Registrar for the domain, a Registrar who does not manage the domain, a hosting provider, an ISP, or some other third party that offers DNS management services.

9.2 When a change of DNS Operator for a signed domain name is required and both the current and proposed DNS Operators are Registrars, then the cooperation and participation set out in 9.3 is required.

9.3 Domain Names with DNSSEC enabled

9.3.1 Prior to a name server update, the losing DNS Operator must provide the zone information for the domain name when requested to do so, and accept and add the new DNSKEY to the zone for the domain name, re-sign it and continue to serve this until they are notified the change is complete.

9.3.2 The gaining DNS Operator then provides the new DS Record to the losing DNS Operator who provides it to the Registry. The name servers for the domain name can then be updated with the Registry.

9.3.3 Following the name server update, the gaining DNS Operator must delete the old DS Record and DNSKEY provided by the losing DNS Operator.

9.3.4 The losing DNS Operator must remove the domain name from their name servers when requested, but must not remove it before being requested to do so.

3. Roles and Responsibilities Policy

The following new clause 7.5 has been added to the [Roles and Responsibilities Policy](#) to highlight the new DNS Operators contact repository the Domain Name Commission will establish and maintain:

7.5 The DNC will establish and maintain a contact repository of DNS Operators who offer DNSSEC services.

4. WHOIS Policy

The current clause 4.2 of the [WHOIS Policy](#) has been amended to include the additional fields *Domain Signed* and *DS Records,* that will be added to the WHOIS record:

4.2   The following details will be available in response to a WHOIS query:
- Domain Name;
- Registration status;
- Date registered;
- Date registered/billed until;
- Date last modified;
- Include in DNS;
- Registrar of Record (including contact details);
- Registrant Contact Details;
- Administrative Contact Details;
- Technical Contact Details;
- Name Servers;
- Domain Signed;

and, if applicable:
- DS Records;
- Date cancelled;
- Date locked.

Statistics

In April, the number of active .nz domain names increased from 433,183 to 435,888, a net increase of 2,705.

Figures as at 30 April 2011:

	Active names as at 1 April	*Active names as at end 30 April*	*New registrations April*	*Renewals April*	*Net Growth*
.ac	1,870	1,878	34	310	8
.co	375,079	377,510	7,637	59,955	2431
.cri	13	13	0	1	0
.geek	1,049	1,062	25	223	13
.gen	1,324	1,343	32	266	19
.govt	1,090	1,098	8	1,058	8
.health	128	131	3	105	3
.iwi	76	76	1	12	0
.maori	621	620	14	82	-1
.mil	32	33	1	6	1
.net	24,159	24,258	472	3,648	99
.org	24,649	24,761	396	3,614	112
.parliament	7	7	0	7	0
.school	3,086	3,098	28	1,269	12
TOTAL	**433,183**	435,888	8,651	70,556	2,705

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

During this month, NZRS has achieved several milestones towards the implementation of DNSSEC in the .nz zone:

DNSSEC High Level Architecture
We have published the *DNSSEC High Level Architecture* document which describes the technical architecture to be used to sign .nz and the second level zones.
This document is available at: http://nzrs.net.nz/dns/dnssec/dnssec-high-level-architecture

DNSSEC Practice Statement

We have published the *DNSSEC Practice Statement* document, detailing the practices and operational procedures to be used in the implementation of DNSSEC for the .nz and second level zones under .nz.
This document is available at: http://nzrs.net.nz/dns/dnssec/dps

SRS Accepts DS Records

From Monday 23 May, the SRS started accepting DS records for any domain name, but they will not be included as zone data until the corresponding parent zone is signed.
A timetable for the signing of the .nz zones is planned for release by August of this year.
NZRS will continue testing the implementation, aiming to complete this phase by the end of June.

For more details about the SRS changes, you can check the Release Notes for SRS Release 5.11:
http://nzrs.net.nz/sites/default/files/SRS_Release_5_11_2.pdf

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 Pearl on support@nzrs.net.nz

RIK Redevelopment Project

The project to update the Registrar Information Kit (RIK) has been completed.

In March with the release of version 5.09 of the RIK, we introduced the beta versions of the sendJSON and SRSClient2 clients, and deprecated the SRSClient.

With version 5.10 we have:

- ⚞ Replaced environment variables with a configuration file stored in the users home directory.
- ⚞ Standardised the command-line options for the sendJSON, sendXML and SRSClient2 clients.
- ⚞ Defined non-common options of the SRSClient2, sendJSON and sendXML clients
- ⚞ Provided additional RIK Documentation

For **detailed information** please check the documents "RIK changes" available on our website:
http://nzrs.net.nz/sites/default/files/RIK_changes_5-10_20110501_0.pdf

Availability

Availability %	SLA	February	March	April
SRS	99.90	100	100	100
Whois	99.90	99.97	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	Feb 11	Mar 11	Apr 11
Domain Details Query	≤0.5	0.02	0.02	0.01
Domain Update	≤0.8	0.21	0.21	0.21
Domain Create	≤0.8	0.25	0.25	0.25
Get Message	≤0.5	0.01	0.01	0.02
Whois	≤0.5	0.06	0.04	0.04
Whois queries at back end including Registrar (volume 000's)	N/A	6,523	7207	6518
Whois Server Queries (volume 000's)	N/A	681	777	762
UDAI Valid Query	≤0.5	0.10	0.09	0.10

Server DNS % Availability

	February	March	April
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 2011

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

Scheduled Outages during April 2011

Outage Type	Total Duration
SRS Scheduled	-
SRS Emergency Scheduled	-
Whois Scheduled	-

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.

:: InternetNZ ::

NetHui 2011, 29 June – 1 July 2011

- *NetHui 2011* is a one-of-a-kind gathering that will bring together all those with an interest in the Internet in New Zealand! At *NetHui 2011* a wide range of New Zealand community groups, organisations and individuals will come together in a conference format to discuss and debate how the Internet is enhancing and affecting our lives.

- The brainchild of Internet New Zealand, *NetHui 2011* is being held from 29 June to 1 July 2011 at SkyCity Convention Centre in Auckland. The registration fee is a low $30 plus GST for the entire three days of the event – great value for money!

Six streams across three days

- *NetHui 2011* is split into six discussion streams to cover the vast array of issues the Internet gives rise to. The NetHui 2011 themes are – Digital Citizenship, Access and Diversity, Governance and Legal, Government and Openness, Education, and Innovation and Emerging Issues.

- *NetHui 2011* discussion topics span the Internet gamut; from cyber-bullying and the challenges of parenting in the Internet age, to digital inequalities, privacy & security, copyright infringement, emergency response online and the concept of Internet access as a universal human right, Also under discussion will be topics such as open government data, Internet activism, and the National Education Network, and much more.

- A stellar line-up of people has been assembled to assist, with an Advisory Board, Stream Leaders and facilitators. International keynote speakers will be announced. The first sponsors are on board*. Scoop Media are a Silver Sponsor, Catalyst IT are sponsoring the Education Stream, and TelstraClear are sponsoring the Digital Citizenship Stream. More will be confirmed soon.

Community input into programme

- Stream Leaders are working with community input to refine the streams, and forums have been set up to assist discussion at www.nethui.org.nz/forum . Internet researcher Ellen Strickland is leading the Access & Diversity Stream; technology consultant Colin Jackson is leading the Governance & Legal Stream; cybersafety guru Martin Cocker is leading the Digital Citizenship Stream; independent advisor Laurence Millar is leading the Government & Openness Stream; New Zealand Computer Society CEO Paul Matthews is leading the Innovation & Emerging Issues Stream; and CORE Education's Derek Wenmoth is leading the Education Stream.

- Visit *NetHui 2011* online at www.nethui.org.nz . Here you will find more information about the shape of the event, how you can participate, and links to register. For further information email: richard@internetnz.net.nz

Please Note

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