

## **.nz NEWSLETTER – May 2008**

:: DNC ::

### **Application for a new Second Level Domain (2LD) – health.nz**

An application has been received to create a new, moderated second level domain (2LD) - .health.nz. Copies of the application, and the proposed moderation policy, can be seen at

**.pdf** - [http://dnc.org.nz/content//health\\_application.pdf](http://dnc.org.nz/content//health_application.pdf)

**.txt** - [http://dnc.org.nz/content//health\\_application.txt](http://dnc.org.nz/content//health_application.txt)

**.html** - [http://dnc.org.nz/content//health\\_application.html](http://dnc.org.nz/content//health_application.html)

Comments are sought on this application, and on the moderation policy that will be used to accept registrations. In particular, comment is sought on how the application meets the criteria for a new 2LD. namely that the 2LD:

- Represents an identifiable, significant community of interest; where:
  - 'significant' can mean either quantitatively or qualitatively; and
  - the community of interest can be defined in a clear written statement
- Represents an on-going and long-lived community of interest
- Does not conflict with, duplicate or cause confusion about, any existing 2LD, and is a useful addition to the current DNS hierarchy
- Uses a name to represent the domain that is a obvious derivative of a word that properly describes the community of interest or a complete word.
- Does not bring the .nz domain name space in disrepute

Submissions should be by email to [2ld@dnc.org.nz](mailto:2ld@dnc.org.nz) . They may also be made by fax to +64 4 495 2115 or by post to Domain Name Commission, PO Box 11 881, Wellington, New Zealand. All submissions will be published at <http://dnc.org.nz/health-application> . All submissions should be received by 5pm on Wednesday 16 July.

### **Internationalised Domains Names (IDNs) – Second Consultation**

Previously, comment has been sought on potential issues associated with the implementation of IDNs in .nz, along with any other issues that the IDN working group (WG) should consider. (Submissions received can be viewed here <http://www.dnc.org.nz/idn-consult>). A meeting of the IDN WG was held on the 18<sup>th</sup> of February to discuss the submissions we received.

At this meeting the WG agreed that InternetNZ should proceed with the planned implementation of IDNs in .nz. The next phase of the process is to consider the options for how to equitably distribute the registrations of IDN variants of currently registered ASCII domain names in .nz.

To avoid potential disputes during the initial phases of IDN registrations in .nz a policy of a sunrise period for registrations has been suggested. Due to the nature of the Māori language it is impossible to automatically assign IDN variants to current .nz ASCII domain names.

The sunrise period will allow for current .nz registrants to have a chance to register the IDN variants of their ASCII names before open registration of IDNs in .nz are offered.

We are seeking comment on the proposed course of action outlined below.

1. The policies for IDN registrations are in line with the rest of the .nz policies and procedures (which can be viewed at [www.dnc.org.nz/policies](http://www.dnc.org.nz/policies)). They will express the same values as the core principles of the current system and particularly the “first come, first served” principle (excluding the sunrise period).
2. The cost to register an IDN will be the same as an ASCII .nz domain name.
3. There will be no automatic assignment of IDN variants to current registrants of .nz ASCII names.
4. If current .nz registrants wish to register an IDN variant of their current ASCII names, they must do so during the proposed sunrise period or risk losing the variant to another applicant on a first come first serve basis.
5. Apart from the requirement of current .nz registrants to apply for IDN variants of their ASCII names, there will be no other provisions regarding initial registration principles for IDNs in .nz.

We are now seeking comment on the above planned course of action.

*(Note: We are seeking comment on the proposed implementation of the five macronised vowels that appear in the Māori language, which are ā, ē, ī, ō and ū.)*

Submissions can be sent by email to [policies@dnc.org.nz](mailto: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 [www.dnc.org.nz/idn-2ndconsult](http://www.dnc.org.nz/idn-2ndconsult) . Submissions should be received by 5pm on Thursday 17<sup>th</sup> July.

## Statistics

In April, the number of active .nz domain names increased from 324,722 to 328,951, a net increase of 4,229.

Figures as at 30 April 2008:

	<i>Active names as at 1 April</i>	<i>Active names as at end 30 April</i>	<i>New registrations April</i>	<i>Renewals April</i>	<i>Net Growth</i>
.ac	1518	1544	54	332	26
.co	278838	282531	7067	57868	3693
.cri	16	16	0	3	0
.geek	827	848	28	200	21
.gen	1188	1189	14	297	1
.govt	944	951	7	834	7
.iwi	59	57	0	10	-2
.maori	504	504	12	72	0
.mil	18	18	0	9	0
.net	19313	19537	479	3639	224
.org	18765	19012	428	3536	247
.parliament	5	5	0	5	0
.school	2727	2739	16	1171	12
<b>TOTAL</b>	<b>324722</b>	<b>328951</b>	<b>8105</b>	<b>67976</b>	<b>4229</b>

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 ::**

**Availability**

SRS production system availability:

	SLA	February	March	April
<b>SRS Availability %</b>	99.90	100	100	100
<b>Whois</b>	99.90	99.99	100	100
<b>DNS</b>	100	100	100	100

Response time performance figures on the production environment for the previous three months were:

Avg Response time (in seconds)	SLA Target	February	March	April
Domain Details Query	≤1.5	0.03	0.03	0.03
Domain Update	≤0.8	0.22	0.40	0.41
Domain Create	≤0.8	0.44	0.46	0.45
GetMessage performance	≤0.8	0.03	0.03	0.04
Whois	≤0.8	0.11	0.11	0.10
Whois queries at back end including Registrar (volume 000's)	N/A	3,128	3,200	3,081
Whois Server Queries (volume 000's)	N/A	534	386	299
UDAI Valid Query	≤0.8	0.13	0.14	0.14

**DNS**

**Server**

**% Availability**

	Feb 08	Mar 08	Apr 08
<b>NS1</b>	100	100	100
<b>NS2</b>	100	100	100
<b>NS3</b>	100	100	99.97
<b>NS4</b>	100	100	100
<b>NS5</b>	100	100	100
<b>NS6</b>	100	100	100
<b>NS7</b>	100	100	100

**Unscheduled Outages**

Outage Type	Total Duration
SRS Unscheduled	6 seconds
WHOIS Unscheduled	12 seconds
DNS	0

**Scheduled Outages**

Outage Type	Total Duration
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Outage Type	Total Duration
SRS Scheduled	4 hours
Whois Scheduled	4 hours
DNS	1 hour hardware upgrade Primary 2 and NS2 4 hour BCP & DR test for Primary 1 and NS1

## SRS Documentation

A project to review and rewrite the documentation for the SRS is currently underway. In addition to improving upon the existing SRS documentation, one of the aims of the project is to promote the SRS as an alternative standards-based protocol to the Extensible Provisioning Protocol (EPP).

The project has been split into two phases:

**Phase One** involves producing an SRS Standards document that documents the SRS as a standard and submitting it to the IETF internet drafts process with the ultimate aim of achieving an RFC publication status. This document excludes any .nz implementation specific details as these details are covered in phase two.

**Phase Two** involves producing an SRS Implementation document that takes the SRS Standard and details all the .nz business rules that have been used to implement the SRS for the .nz name space. For example the SRS Standard document will describe the type of grace periods used and the SRS Implementation document will specify the specific values used for the grace periods.

NZRS are pleased to announce that phase one has been completed and the internet draft of the SRS standard has been submitted to the internet drafts process.

The draft document is available on the NZRS website in txt, or pdf format:

<http://www.nzrs.net.nz/downloads/draft-nzrs-srs-00-fo.pdf>

<http://www.nzrs.net.nz/downloads/draft-nzrs-srs-00.pdf>

<http://www.nzrs.net.nz/downloads/draft-nzrs-srs-00.txt>

Alternatively it can be found in the IETF drafts:

<http://www.ietf.org/internet-drafts/draft-nzrs-srs-00.txt>

If you have any comments or suggestions on the standards document, then these can be made via the mailing list (see below) or alternatively sent to [support@nzrs.net.nz](mailto:support@nzrs.net.nz)

Details of the IETF submission:

A new version of I-D, draft-nzrs-srs-00.txt has been successfully submitted by Matthew Hunt and posted to the IETF repository.

Filename: draft-nzrs-srs  
Revision: 00  
Title: System for Managing a Shared Domain Registry  
Creation date: 2008-05-18  
WG ID: Independent Submission  
Number of pages: 120

**Abstract:**

This document describes the typical usage and communication protocol of a client/server shared registry system for management of domain name registrations. The system described is a "thick registry" system, providing support for the storage and management of both the technical and the registrant contact information concerning domain registrations. The system relies on the existing HTTP and HTTPS infrastructure for transport and secure transfer to avoid having to implement a dedicated protocol and server environment. A bespoke XML format is used to communicate between clients and the SRS server.

Comments are solicited and should be addressed to the mailing list at [srsstandards-l@nzrs.net.nz](mailto:srsstandards-l@nzrs.net.nz)

The mailing list management page can be found at <https://mailman.nzrs.net.nz/cgi-bin/mailman/listinfo/srsstandards-l>

**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 Nick Griffin at [support@nzrs.net.nz](mailto:support@nzrs.net.nz). For all other matters, contact Debbie Monahan at [info@dnc.org.nz](mailto:info@dnc.org.nz).

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