

## **.nz NEWSLETTER – February 2012**

**:: Domain Name Commission ::**

### **Minutes of DNCL Board Meeting - 9 February 2012**

The minutes of the DNCL Board meeting held on 9 February 2012 are available in [html](#) or [pdf](#).

### **Authorised Registrar List**

The list of .nz Authorised Registrars available at <http://dnc.org.nz/registrars> aids Registrants in choosing a Registrar, giving contact details for Registrars and stating whether they offer specific services:

IDN Friendly - this shows that a registrar meets a certain level of service relative to offering IDN registration services in the .nz space.

IPv6 glue records – this shows that registrar has the capability to update the SRS with IPV6 glue records.

Registrars can contact the Domain Name Commission if their entry should be updated.

### **Statistics**

In January, the number of active .nz domain names increased from 466,192 to 469,154, a net increase of 2,962.

Figures as at 31 January 2012:

	<i>1 Jan 12</i>	<i>31 Jan 12</i>	<i>New registrations January</i>	<i>Renewals January</i>	<i>Net Growth</i>
.ac	1,911	1914	14	333	3
.co	404,175	406,827	6,732	61,071	2,652
.cri	13	13	0	1	0
.geek	1,118	1,124	15	232	6
.gen	1,388	1,385	12	263	-3
.govt	1,105	1,107	2	1,073	2
.health	145	145	0	126	0
.iwi	77	77	0	8	0
.maori	663	660	6	80	-3
.mil	33	33	0	10	0
.net	26,224	26,465	535	3,751	241
.org	26,111	26,159	278	3,535	48

.parliament	8	8	0	8	0
.school	3,221	3,237	21	1,228	16
<b>TOTAL</b>	<b>466,192</b>	<b>469,154</b>	<b>7,615</b>	<b>71,719</b>	<b>2,962</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 ::

### DNSSEC

As previously reported we had an issue with the encoding of the .nz DNSKEY not being RFC compliant. We have now corrected this issue and during March we will announce the DNSSEC deployment schedule for the second level zones starting with [geek.nz](http://geek.nz).

### Project Work:

#### Architectural Review:

The architectural review project is continuing with its programme of work updating the internal components of the SRS. The changes to the internal components will lead to a simpler, more coherent architecture, where appropriate an increased use of off-the-shelf tools and components, and a better separation of component layers.

A summary of the project progress:

Stage	Status
Road Map	Complete
Replace internal messaging system	Complete
Replace back-end replication	Complete
Serialisation improvements	In progress

#### Network Upgrade

During the 4 hours maintenance window scheduled for Sunday 4th March we will replace the routers at the Auckland and Wellington sites.

#### 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](mailto:support@nzrs.net.nz)

#### Maintenance Windows for 2012

Maintenance windows have been scheduled for 2012, and listed at: <http://nzrs.net.nz/notices/updates>

#### Availability

Availability %	SLA	Nov 11	Dec 11	Jan 12
SRS	99.90	100	99.87	99.99
Whois	99.90	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	Nov 11	Dec 11	Jan 12
Domain Details Query	≤0.5	0.02	0.01	0.02
Domain Update	≤0.8	0.22	0.21	0.25
Domain Create	≤0.8	0.25	0.25	0.30
Get Message	≤0.5	0.04	0.03	0.05
Whois	≤0.5	0.05	0.06	0.06
Whois queries at back end including Registrar (volume 000's)	N/A	8,592	8,680	9,876
Whois Server Queries (volume 000's)	N/A	831	896	851
UDAI Valid Query	≤0.5	0.10	0.10	0.13

## Server DNS % Availability

	Nov 11	Dec 11	Jan 12
<b>NS1</b>	99.99	100	100
<b>NS2</b>	100	100	100
<b>NS3</b>	100	100	100
<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 during January 2012

Outage Type	Total Duration
SRS Unscheduled	255 seconds
WHOIS Unscheduled	0
DNS	0

## Scheduled Outages during January 2012

Outage Type	Total Duration
SRS Scheduled	30 minutes
SRS Emergency Scheduled	0
Whois Scheduled	30 minutes

## 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](mailto:support@nzrs.net.nz) or on 04 931 6970.

For all other matters, contact Debbie Monahan at [info@dnc.org.nz](mailto: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](mailto:unsubscribe@dnc.org.nz)