

## **.nz NEWSLETTER – March 2008**

### **:: DNC OFFICE ::**

In February, the number of active .nz domain names increased from 317,772 to 321,817, a net increase of 4,045.

### **Structural Review – Updated Policies**

InternetNZ has been undertaking a structural review. As part of that review, the Domain Name Commission will cease being an operational office of InternetNZ and will instead be incorporated as a company, fully owned by InternetNZ. Domain Name Commission Limited will begin operations on 1 April 2008. There will be no change to our contact details - our address and telephone numbers remain the same.

All .nz policies will remain operational. There will be minor changes to the .nz policies to reflect the correct entity going forward. Otherwise, the substance of the policies will remain the same. The amended policies will be effective from 1 April 2008, will be published on the website, and will have an updated version number. A new version of the Registrar Implementation Kit (RIK), containing the new policies will also be available.

The existing registrar authorisation agreements with Internet NZ will be replaced with new agreements with Domain Name Commission Limited. However, the new agreements will be on the same terms as the existing agreements with InternetNZ. All .nz registrars have been issued with the new agreements which need to be signed and returned as soon as possible.

### **NZOC Meeting Minutes**

A meeting of NZOC was held on Friday 29<sup>th</sup> of February. Minutes of the meeting can be viewed in either [.html](#) or [.pdf](#).

## Statistics

Figures as at 29 February 2008:

	<i>Active names as at 1 February</i>	<i>Active names as at end 29 February</i>	<i>New registrations February</i>	<i>Renewals February</i>	<i>Net Growth</i>
.ac	1450	1466	44	322	16
.co	272870	276270	6970	56018	3400
.cri	16	16	0	3	0
.geek	801	810	18	202	9
.gen	1151	1168	25	295	17
.govt	936	939	4	815	3
.iwi	60	60	0	12	0
.maori	486	493	10	68	7
.mil	18	18	0	9	0
.net	18900	19217	555	3552	317
.org	18393	18652	417	3410	259
.parliament	5	5	0	5	0
.school	2686	2703	19	1151	17
<b>TOTAL</b>	<b>317772</b>	<b>321817</b>	<b>8062</b>	<b>65862</b>	<b>4045</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 ::

The SRS upgrade to release 2.00 in February went well with no major issues occurring. A few Registrars had some initial problems connecting to the SRS but these were quickly resolved by the registrars upgrading their systems with the new RIK release.

NZRS have been developing the documentation for the SRS and will be making an application to the IETF for the SRS to be considered as a standard.

During March, the DNSSEC (Domain Name System Security Extensions) NSEC3 standard was published as RFC5155. We have been waiting for NSEC 3 to become a standard and now this is completed we will be including it into the NZRS work programme for 2008-2009.

## Availability

SRS production system availability:

	<b>SLA</b>	<b>December</b>	<b>January</b>	<b>February</b>
<b>SRS Availability %</b>	99.90	100	99.97	100
<b>Whois</b>	99.90	100	99.97	99.99
<b>DNS</b>	100	100	100	100

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

<b>Avg Response time (in seconds)</b>	<b>SLA Target</b>	<b>December</b>	<b>January</b>	<b>February</b>
Domain Details Query	≤1.5	0.03	0.02	0.03
Domain Update	≤0.8	0.38	0.34	0.22
Domain Create	≤0.8	0.44	0.43	0.44
GetMessage performance	≤0.8	0.04	0.04	0.03
Whois	≤0.8	0.11	0.10	0.11
Whois queries at back end including Registrar (volume 000's)	N/A	2,588	2,734	3,128
Whois Server Queries (volume 000's)	N/A	356	342	534
UDAI Valid Query	≤0.8	0.14	0.13	0.13

### DNS

#### Server

#### % Availability

	<b>Dec 07</b>	<b>Jan 08</b>	<b>Feb 08</b>
<b>NS1</b>	100	100	100
<b>NS2</b>	100	100	100
<b>NS3</b>	99.85	100	100
<b>NS4</b>	100	99.78	100
<b>NS5</b>	100	100	100
<b>NS6</b>	100	100	100
<b>NS7</b>	100	100	100

### Unscheduled Outages

<b>Outage Type</b>	<b>Total Duration</b>
SRS Unscheduled	37 seconds
WHOIS Unscheduled	298 seconds
DNS	0

### Scheduled Outages

<b>Outage Type</b>	<b>Total Duration</b>
SRS Scheduled	3 hours
Whois Scheduled	3 hours
SRS – Whois – Emergency Outage	0
DNS	0

### Scheduled Outages and Updates

There is a scheduled outage planned for 30 March; and

Please note that the Outage in April will now be done on the 20<sup>th</sup> April and will be for 4 hours (06:00am – 10:00am), this outage will be used to test our disaster recovery and backup operational system support plan. This outage was previously scheduled for 27 April. There will not be an SRS release in April.

### **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).

### **Please Note**

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