

## **.nz NEWSLETTER – September 2011**

### **:: Domain Name Commission ::**

#### **.nz Policy Reviews - ZTP and RMC**

As part of the ongoing review of .nz policies, two policies are now being reviewed.

The policies being reviewed are:

##### **Zone Transfer Policy**

This policy relates to the release of the .nz zone file to organisations outside the registry company.

A copy of the current policy is available at [http://dnc.org.nz/content/zone\\_transfer.pdf](http://dnc.org.nz/content/zone_transfer.pdf)

##### **Registering, Managing and Cancelling Domain Names Policy**

This policy sets out the general rules regarding the .nz domain name space including registration requirements, the information required to be on the .nz register and the general business processes that .nz operates. Currently the policy defines such things as:

- Five day registration and renewal grace periods
- A maximum registration term of 120 months
- 90 day pending release period
- The requirement for registrars to send information to the registrant upon registration, including the UDAI (Unique Domain Authentication ID)
- Restrictions on when a domain name can be cancelled
- Locking of .nz domain names

A copy of the current policy is available at [http://www.dnc.org.nz/content/registering\\_managing\\_cancelling.pdf](http://www.dnc.org.nz/content/registering_managing_cancelling.pdf)

No operational issues have been identified with the current policies. They are being reviewed as part of the regular, ongoing review of .nz policies.

Submissions will be published on this page as they are received. The review period for both policies will end at midday on Monday 3 October 2011.

Comments should 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.

## Statistics

In August, the number of active .nz domain names increased from 449,014 to 453,180, a net increase of 4,166.

Figures as at 31 August 2011:

	<i>Active names as at 1 August</i>	<i>Active names as at end 31 August</i>	<i>New registrations August</i>	<i>Renewals August</i>	<i>Net Growth</i>
.ac	1,851	1864	29	352	13
.co	389,282	392,913	8,426	65,002	3,631
.cri	13	13	0	1	0
.geek	1,074	1,075	15	287	1
.gen	1,346	1,358	22	294	12
.govt	1,089	1,091	3	1,057	2
.health	138	139	1	119	1
.iwi	78	76	0	10	-2
.maori	638	636	9	119	-2
.mil	33	33	0	8	0
.net	25,040	25,312	600	3,969	272
.org	25,288	25,511	452	3,910	223
.parliament	8	8	0	8	0
.school	3,136	3,151	24	1,331	15
<b>TOTAL</b>	<b>449,014</b>	<b>453,180</b>	<b>9,581</b>	<b>76,467</b>	<b>4,166</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

We are very close to publishing dates for deployment of DNSSEC.

Production readiness testing of DNSSEC is almost complete. We are also pleased with the results of community consultation to date, and have worked with the feedback received.

Finally, we ran an official rehearsal for the Key Generation procedure, which was audited by Lateral Security. We are now awaiting the report from Lateral Security, before publishing dates for deployment.

The most recent version of the DNSSEC Practice Statement for .nz, is [Version 1.2](#). No further issues have been raised by the community.

If you have any questions, please contact Dave or Sebastian on [support@nzrs.net.nz](mailto:support@nzrs.net.nz)

## SRS CA Certificate

The SRS CA certificate in the current RIK is due to expire on 30/09/2011. it has been extended by 2 years and is available in the new [SRS RIK 5.15](#).

If you are using the current SRS CA certificate to validate the SRS SSL certificate then you must upgrade to the new SRS CA certificate provided in the SRS RIK 5.15.

If you are using the RIK Clients to communicate with the SRS then you must upgrade to the new RIK or replace the SRS CA certificate with the SRS CA certificate provided in the SRS RIK 5.15.

## 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)

## RIK Deprecation Announcements

From the October 2011 release of the RIK, the following will be removed from the RIK:

RIK Libs:

SRS/NativeData/*.pm	SRS/XML/LibXML.pm
SRS/Client/Communications.pm	SRS/Action.pm
SRS/Client/XMLTranslator.pm	SRS/AutoRestart.pm
SRS/Common/Data/Error.pm	SRS/Error.pm
SRS/Common/Data/ErrorInfo.pm	SRS/Logger.pm
SRS/Common/Data/ValidPostalCCs.pm	SRS/LogMessageGenerator.pm
SRS/Error/Repository.pm	SRS/NativeData.pm
SRS/Logger/Apache.pm	SRS/UDAI.pm
SRS/Logger/Stream.pm	SRS/XML.pm

CPAN libs:

Date::Calc	Sys::Syslog
Devel::StackTrace	List::MoreUtils

Command Line Clients:

SRSCliet (In favour of SRSCliet2)

For more information please refer to the document [RIK changes 5.09](#)

## RIK Redevelopment Project

The project to update the Registrar Information Kit (RIK) has been completed. SendJSON, sendXML and SRSCliet2 clients have been introduced and command-line options standardised.

The most recent version of the RIK is 5.14, released 28<sup>th</sup> August, with minor changes.

Detailed information available at: <http://nzrs.net.nz/notices/updates>

## Availability

Availability %	SLA	June 11	July 11	Aug 11
<b>SRS</b>	99.90	99.99	99.99	100
<b>Whois</b>	99.90	100	100	100
<b>DNS</b>	100	100	100	10

## SRS Response times

Performance figures on the production environment for the previous three months:

Avg Response time (in seconds)	SLA Target	Jun 11	July 11	Aug 11
Domain Details Query	≤0.5	0.01	0.02	0.01
Domain Update	≤0.8	0.19	0.20	0.21
Domain Create	≤0.8	0.25	0.25	0.25
Get Message	≤0.5	0.03	0.03	0.03
Whois	≤0.5	0.06	0.06	0.05
Whois queries at back end including Registrar (volume 000's)	N/A	8,452	8,527	8,148
Whois Server Queries (volume 000's)	N/A	869	962	1,006
UDAI Valid Query	≤0.5	0.11	0.10	0.10

## Server DNS % Availability

	June 11	July 11	Aug 11
<b>NS1</b>	100	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 August 2011

Outage Type	Total Duration
SRS Unscheduled	160 seconds
WHOIS Unscheduled	0
DNS	0

## Scheduled Outages during August 2011

Outage Type	Total Duration
SRS Scheduled	3 hours
SRS Emergency Scheduled	0
Whois Scheduled	3 hours

## 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**

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