

## **.nz NEWSLETTER – March 2012**

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

#### **Unique Domain Authentication ID (UDAI)**

Over the past few weeks there has been a noticeable increase in Registrants requesting assistance from the Domain Name Commission in obtaining their Unique Domain Authentication IDs, or UDAs.

The UDAI, is a randomly generated identifier that is required to transfer domain names from one Registrar to another. Registrants are free to transfer their .nz domain name to another Registrar at any time, except during the first five days after your domain was registered.

A UDAI is generated when a domain name is registered, however the domain name's Registrar can generate a new UDAI at any time if required. Registrars are obliged to make UDAs available to Registrants upon request. If a Registrar has an automated system for generating a UDAI, they can either provide the UDAI or provide the registrant with directions and a link for the Registrant to generate their own.

If a domain name is registered through a reseller, the Registrar responsible for it must still ensure the UDAI is provided to the Registrant.

A Registrant can find the Registrar for their domain name using the "search domains" tool on our website.

More information is available in the Transfer to Another Registrar and Registering, Managing and Cancelling domain names policies, at <http://dnc.org.nz/policies>

#### **Computer Security**

An article has been recently published in the NZ Lawyer magazine which provides some useful suggestions for organisations that are looking to improve their online security. DNCL's Manager Compliance and Security, Paul McKitrick, was interviewed for the article published at <http://www.nzlawyermagazine.co.nz/CurrentIssue/Issue180/180F3/tabid/4118/Default.aspx>

Paul, who is the Chair of the New Zealand Internet Task Force, noted that the motivation for hackers can vary - hacking may be undertaken for financial gain or for political or other reasons. No matter what the motivation behind the attack, being hacked can have a detrimental impact on the trust and reputation of an organisation.

.nz Registrars have not been immune from the impact of hacking over the years - they pose an attractive target for hackers, who may then be able to access the Registrar's customers, who are more likely to be the actual target.

DNSSEC is not far away from being available to .nz Registrants, and this will provide a useful tool to mitigate some of the threats posed by hackers. DNCL will provide further information on the rollout of DNSSEC to the full .nz domain name space as it becomes available.

## Statistics

In January, the number of active .nz domain names increased from 469,154 to 473,166, a net increase of 4,012.

Figures as at 29 February 2012:

	1 Feb 12	29 Feb 12	New registrations February	Renewals February	Net Growth
.ac	1,914	1,921	27	307	7
.co	406,827	410,365	8,172	61,421	3,538
.cri	13	13	0	3	0
.geek	1,124	1,138	22	228	14
.gen	1,385	1,394	19	257	9
.govt	1,107	1,111	4	1075	4
.health	145	145	0	127	0
.iwi	77	78	0	16	1
.maori	660	666	17	90	6
.mil	33	33	0	10	0
.net	26,465	26,746	621	3,637	281
.org	26,159	26,300	408	3,552	141
.parliament	8	8	0	8	0
.school	3,237	3,248	25	1207	11
<b>TOTAL</b>	469,154	473,166	9,315	71,938	4,012

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 ::

### DNS

The .nz authoritative name server sites around New Zealand were upgraded this month. The DNSSEC deployment for the second level domains is almost ready to start and the deployment schedule will be published on our website in the next few weeks.

### SRS

The most recent version of the SRS and RIK is 5.20, released 25/03/2012, with several minor bug fixes.

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

Registrars can choose to use any of the SRS clients, the EPP Interface, or both. If there are any Registrars that would like to try using 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)

## Availability

Availability %	SLA	Dec 11	Jan 12	Feb 12
SRS	99.90	99.87	99.99	99.96
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	Dec 11	Jan 12	Feb 12
Domain Details Query	≤0.5	0.01	0.02	0.01
Domain Update	≤0.8	0.21	0.25	0.22
Domain Create	≤0.8	0.25	0.30	0.25
Get Message	≤0.5	0.03	0.05	0.04
Whois	≤0.5	0.06	0.06	0.04
Whois queries at back end including Registrar (volume 000's)	N/A	8,680	9,876	10,475
Whois Server Queries (volume 000's)	N/A	896	851	887
UDAI Valid Query	≤0.5	0.10	0.13	0.09

## Server DNS % Availability

	Dec 11	Jan 12	Feb 12
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 February 2011

Outage Type	Total Duration
SRS Unscheduled	987 seconds
WHOIS Unscheduled	0
DNS	0

## Scheduled Outages during February 2011

Outage Type	Total Duration
SRS Scheduled	4 hours and 10 minutes
SRS Emergency Scheduled	0
Whois Scheduled	4 hours and 10 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

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