



## .nz Newsletter – February 2013



### Six months of DNSSEC in New Zealand

Domain Name System Security Extensions (DNSSEC) implementation conforms to best practice methods and helps with online security. The .nz landscape is well placed to help Registrars implement these security services and we are more than happy to answer any questions regarding this.

DNSSEC have now been enabled in New Zealand for six months and, so far, two .nz Registrars are signed up offer this higher level of service.

“DNSSEC is simple, inexpensive and uses proven solutions to prevent many domain name related scams. If people don’t see the value already, I think they soon will,” DNC Manager Security Policy Barry Brailey says.

“As people become more knowledgeable about Internet scams and computer security – which are increasingly in the public eye and media reports – I imagine consumers will probably request these types of services. Eventually, I believe everyone will probably introduce DNSSEC. As such, it makes sense for Registrars to investigate the process sooner, rather than later.”

To speak to someone about DNSSEC implementation, contact [registrar@dnc.org.nz](mailto:registrar@dnc.org.nz)

### DNC Staff in Singapore

This month DNC representatives Barry Brailey and Debbie Monahan will be attending the APRICOT (Asia Pacific Regional Internet Conference on Operational Technologies) and APTLD (Asia Pacific Top Level Domain Association) meetings in Singapore.

These conferences keep the commission up-to-date on TLD and Internet governance issues, provide insights on new Internet technologies and help us learn more about DNS/DNSSEC operations. They also provide invaluable networking opportunities.

Among others, speakers at the meeting include ICANN President and CEO Fadi Chehade, the Internet Society’s Lynn St. Amour and Google software engineer Arya Reais-Parsi.

## ONECheck tool gains momentum

The Government's new ONECheck tool is proving a success with over 23,000 ONECheck searches done in its first two months of operation. The one-stop search tool combines a company name, domain name, and trade mark search all in one place.

After doing the search, the user is then given information about how to register all that information. All Registrars listed on the site are drawn from the randomized list on the DNC's website at <http://dnc.org.nz//story/authorised-registrars>.

All Registrars should check that this information they have provided to the DNC directs to their preferred page. The Government tool makes setting up – and protecting – business trademarks easier. Visit ONECheck at <http://www.business.govt.nz/onecheck>

## Statistics

In January, the number of active .NZ domain names increased from 517,037 to 520,261, a net increase of 3224.

Figures as at 31 January 2013:

	1 January 13	31 January 13	New Registrations January	Renewals January	Net Change
.ac	1,986	1,997	27	318	11
.co	443,017	445,651	7,411	66,509	2,634
.cri	13	13	0	1	0
.geek	1,199	1,219	36	252	20
.gen	1,411	1,409	11	319	- 2
.govt	1,115	1,114	0	1083	- 1
.health	149	160	11	146	11
.iwi	77	77	0	10	0
.kiwi	7,601	8,079	461	324	478
.maori	1,143	1,148	15	100	5
.mil	36	36	0	10	0
.net	28,487	28,560	446	4,017	73
.org	27,498	27,486	267	3,815	- 12
.parliament	9	9	0	9	0
.school	3,296	3,303	21	1,206	7
<b>TOTAL</b>	<b>517,037</b>	<b>520,261</b>	<b>8,706</b>	<b>78,119</b>	<b>3,224</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>

## Availability

Availability %	SLA	Nov 12	Dec 12	Jan 13
SRS	99.9	99.96	100	100
Whois	99.9	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 12	Dec 12	Jan 13
Domain Details Query	≤0.5	0.01	0.01	0.01
Domain Update	≤0.8	0.20	0.21	0.21
Domain Create	≤0.8	0.25	0.24	0.25
Get Message	≤0.5	0.05	0.05	0.05
Whois	≤0.5	0.08	0.08	0.08
Whois queries at back end including Registrar (volume 000's)	N/A	6997	6576	7622
Whois Server Queries (volume 000's)	N/A	1021	1069	1268
UDAI Valid Query	≤0.5	0.10	0.10	0.10

## Server DNS % Availability

	Nov 12	Dec 12	Jan 13
NS1	100	100	99.94
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 January 2013

Outage Type	Total Duration
SRS Unscheduled	No unscheduled outages
WHOIS Unscheduled	No unscheduled outages
DNS	0

## Scheduled Outages during January 2013

Outage Type	Total Duration
SRS Scheduled	2 hours
SRS Emergency Scheduled	0
Whois Scheduled	2 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

If you would like to be notified of future updates, please use the subscribe function on the DNC site at <http://dnc.org.nz/user/register> 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)