

Government applauded on DNSSEC move

A recent move by the Department of Internal Affairs to protect .govt.nz websites under its management with DNSSEC (Domain Name System Security Extensions) is being applauded by DNCL and NZRS.

Announced in early June, this significant development was done as a part of a complete refresh of the Department of Internal Affairs' DNS.

With DNSSEC, browsers and DNS resolvers can check the authenticity of the answers they receive at each level of the Internet's structure. Once a particular level of the structure has been validated, it can establish what is known as a chain of trust which confirms the website a user is looking for is the correct one.

"By securing .govt.nz with DNSSEC, DIA is demonstrating its commitment to New Zealanders' online security and, along the way, is helping to improve the cyber security posture of New Zealand, says DNCL manager of security policy Barry Brailey.

To find out more about DNSSEC, visit the [FAQ section](#) of DNCL's website. Additionally, interested Internet users can make use of the following browser plug-ins to check if they're on a DNSSEC-secured website:

<https://nic.cz/page/741/dnssec-validator>

<https://dnssec-tools.org/bloodhound/bloodhound.html>

DNCL produces DRS overview video

DNCL has produced an animated video that explains, in simple terms, what the .nz Dispute Resolution Service is and how it works.

The video can be viewed at <https://dnc.org.nz/drs>



It complements a range of other DRS-related material on DNCL's website, including the DRS policy, information about each stage of the DRS process, a brochure and help section.

Update on .nz WHOIS review

DNCL's third .nz WHOIS consultation closed in early June, with 65 submissions received. A range of feedback about the proposal to allow people to apply to have their information withheld was received.

The DNCL office and Board is now considering all submissions and next steps. It is expected that there will be a fourth public consultation later this year on alternative/s to the current WHOIS policy, following further work on options.

Statistics

In May 2016, the number of active .nz domain names increased from 657,918 to 660,009, a net increase of 2,091. Figures as of 31 May 2016:

	30 Apr 16	31 May 2016	Creates	Renews	Net Change
.nz	106,295	107,595	2,499	7,236	1,300
.ac.nz	2,269	2,287	42	460	18
.co.nz	482,055	483,093	7,681	65,747	1,038
.cri.nz	7	7	0	1	0
.geek.nz	1,056	1,052	4	256	-4
.gen.nz	1,201	1,174	1	291	-27
.govt.nz	1,030	1,036	7	1,025	6
.health.nz	229	231	2	212	2
.iwi.nz	100	99	0	12	-1
.kiwi.nz	5,372	5,261	55	470	-111
.maori.nz	956	949	9	119	-7
.mil.nz	30	30	0	7	0
.net.nz	25,760	25,666	305	3,745	-94
.org.nz	28,007	27,982	304	3,849	-25
.parliament.nz	11	11	0	11	0
.school.nz	3,540	3,536	14	919	-4

TOTAL	657,918	660,009	10,923	84,360	2,091
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Note: these figures do not include names in 'pending release' status. They incorporate all active domain names in the .nz register. For more statistics, see <https://dnc.org.nz/statistics>

Availability

Availability %	SLA	Mar 16	Apr 16	May 16
SRS	99.9	100	100	100
Whois	99.9	99.98	99.99	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	Mar 16	Apr 16	May 16
Domain Details Query	≤0.5	0.04	0.03	0.03
Domain Update	≤0.8	0.35	0.36	0.30
Domain Create	≤0.8	0.41	0.42	0.46
Get Message	≤0.5	0.15	0.15	0.16
Whois	≤0.5	0.14	0.13	0.16
Whois queries at back end including Registrar (volume 000's)	N/A	11,339	11,498	11,670
Whois Server Queries (volume 000's)	N/A	2,514	2,341	2,614
UDAI Valid Query	≤0.5	0.16	0.16	0.19

Server DNS % Availability

	Mar 16	Apr 16	May 16
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 May 2016

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

Scheduled Outages during May 2016*

Outage Type	Total Duration
SRS Scheduled	2 hours
SRS Emergency Scheduled	No scheduled outages
WHOIS Scheduled	2 hours

* Registrars are reminded to check their systems, if required, after any scheduled outage.

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 or on 04 931 6970. For all other matters, contact Debbie Monahan at info@dnc.org.nz

Please note

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