.nz NEWSLETTER – February 2006

:: DNC OFFICE ::

In January the number of active .nz domain names increased from 209,927 to 213,194, a net increase of 3,267. There were 4,935 new domain names registered over the month.

Reminder to Registrars

We would like to remind registrars that requirements for correct and accurate information in the registrant name field apply at all times. The registrant name field must reflect the name of the actual registrant; registrars or their resellers cannot place their names in this field, even for a short period of time.

NZOC Meeting

A meeting of NZOC was held on Tuesday 21st of February. Minutes of this meeting can be viewed at http://dnc.org.nz/content//minutes_NZOC_21_Feb_06.pdf

Statistics

Figures as at 31 January 06:

	Active names as at 1 January	Active names as at end 31 January	New registrations January	Renewals January	Change over month
.ac	1116	1125	18	261	9
.co	179262	182060	4287	43725	2798
.cri	25	25	0	3	0
.geek	697	701	9	135	4
.gen	943	952	15	270	9
.govt	824	827	3	331	3
.iwi	54	57	3	10	3
.maori	385	390	7	63	5
.mil	19	20	1	9	1
.net	11900	12181	351	2744	281
.org	12256	12404	225	2687	148
.school	2446	2452	16	1030	6
TOTAL	209927	213194	4935	51268	3267

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.::

SRS Availability

System availability for January 2006 was 99.92%, against the SLA standard of 99.9%

SRS Availability	October	November	December	January
%	99.99	99.98	99.94	99.92

SRS Response Times

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

Avg Response time (in seconds)	October	November	December	January
Domain Details Query	0.04	0.04	0.05	0.07
Domain Update	0.55	0.50	0.46	0.59
Domain Create	0.57	0.57	0.53	0.63
GetMessage performance	0.05	0.04	0.04	0.04
Whois	0.22	0.20	0.16	0.17
Whois queries at back end including Registrar (volume 000's)	1,897	1,631	1590	1,767
Whois Server Queries (volume 000's)	399	292	235	385
UDAI Valid Query	0.29	0.28	0.24	0.24

Unscheduled Outages

There was an event on 26 January that resulted in an outage lasting 16 minutes and 52 seconds. As a result of this outage several server required to be resynchronised, this resynchronisation creates a high network load which impacted transaction times.

DNS Availability

DNS Availability	October	November	December	January
%	100	100	100	100

DNS Response Times

These figures are derived from the 'stress testing' of the name servers. 1201 UDP and 121 TCP transactions are used.

The measurements for NS1, NS2 and NS3 are taken by running the programme on the individual servers. No problems with response times have been reported.

DNS Server	Target Milli secs	August		September		October		November		December		January	
		UDP	TCP	UDP	TCP	UDP	TCP	UDP	TCP	UDP	TCP	UDP	TCP
NS1	<5.0 / <50.0	0.10	0.33	0.11	0.31	0.11	0.30	0.11	0.31	0.11	0.31	0.11	0.31
NS2	<5.0 / <50.0	0.11	0.35	0.11	0.32	0.11	0.32	0.11	0.35	0.11	0.36	0.11	0.34
NS3	<5.0 / <50.0	0.40	1.06	0.22	1.06	0.37	1.05	0.37	1.08	0.39	1.07	0.23	1.09

Scheduled Outages and Updates

Maintenance Windows

The maintenance window for January was not utilised.

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. For all other matters, contact Debbie Monahan at info@dnc.org.nz.

Please Note

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