

.nz NEWSLETTER – JANUARY 2006

:: DNC OFFICE ::

In December, the number of active .nz domain names increased from 207,228 to 209,927, a net increase of 2,699. Throughout the full calendar year, the number of active domain names has increased from 174,061 (31 Dec 2004) to 209,927 (31 Dec 2005) with a net increase of 35,866.

.nz Statistics

Annual statistics for the end of the 2005 calendar year are now available at http://dnc.org.nz/content//calendar_stats.html

During 2005 there was a gain of 35,866 domain names for the year. This is the highest annual gain, surpassing even the 2000 calendar year when there was a gain of 35,735 domain names. Figures in the table below demonstrate the strength of domain name growth since 2003.

	2003	2004	2005
Total number of domain names at 31 Dec	142,468	174,061	209,927
Annual Growth	21,635	31,593	35,866
Annual Growth Rate %	18%	22%	21%
Average Monthly Growth	1,803	2,633	2,819
Lowest Monthly Gain	821	1,624	2,018
Highest Monthly Gain	3,013	3,823	3,599

Dispute Resolution Service Policy

As advised previously, consultation on the Draft Dispute Resolution Service Policy closed on 5 January. Seven formal submissions were received. The Dispute Resolution Service Working Group is now considering the submissions.

Applications for eight Expert and ten Mediator positions within the Dispute Resolution Service are now open. Information for people interested in the Expert role can be seen at <http://dnc.org.nz/information-experts>, for those interested in the Mediator position, information can be seen at <http://dnc.org.nz/information-mediators>. Applications for these positions close on **17 February 2006**.

Statistics

Figures as at 31 December 2005:

	<i>Active names as at 1 December</i>	<i>Active names as at end 31 December</i>	<i>New registrations December</i>	<i>Renewals December</i>	<i>Change over month</i>
.ac	1099	1116	27	248	17
.co	177006	179262	3896	44428	2256
.cri	25	25	0	3	0
.geek	683	697	22	136	14
.gen	944	943	12	272	-1
.govt	810	824	14	270	14
.iwi	55	54	0	14	-1
.maori	385	385	12	66	0
.mil	19	19	0	8	0
.net	11653	11900	289	2658	247
.org	12119	12256	249	2820	137
.school	2430	2446	24	1041	16
TOTAL	207228	209927	4545	51964	2699

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 December was 99.94%, against the SLA standard of 99.9%

SRS Availability	October	November	December
%	99.99	99.98	99.94

SRS Response Times

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

Avg Response time (in seconds)	September	October	November	December
Domain Details Query	0.05	0.04	0.04	0.05
Domain Update	0.62	0.55	0.50	0.46
Domain Create	0.73	1.06/0.57*	0.57	0.53
GetMessage performance	0.06	0.05	0.04	0.04
Whois	0.23	0.22	0.20	0.16
Whois queries at back end including Registrar (volume 000's)	1,847	1,897	1,631	1,590
Whois Server Queries (volume 000's)	432	399	292	235
UDAI Valid Query	0.32	0.29	0.28	0.24

*this figure for Domain Create transaction time excludes the period from 00:25 to 00:45 hours, when the system is under load from registrars trying to secure names coming out of pending release.

DNS Availability

DNS Availability	October	November	December
%	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	July		August		September		October		November		December	
		UDP	TCP	UDP	TCP	UDP	TCP	UDP	TCP	UDP	TCP	UDP	TCP
NS1	<5.0 / <50.0	0.11	0.31	0.10	0.33	0.11	0.31	0.11	0.30	0.11	0.31	0.11	0.31
NS2	<5.0 / <50.0	0.11	0.33	0.11	0.35	0.11	0.32	0.11	0.32	0.11	0.35	0.11	0.36
NS3	<5.0 / <50.0	0.40	1.05	0.40	1.06	0.22	1.06	0.37	1.05	0.37	1.08	0.39	1.07

Unscheduled Outages

There was an outage at 00:30 hrs on 14 December which lasted for 19 minutes and 31 seconds. There were also a number of micro outages over the month which combined totalled 7 minutes and 57 seconds. Total outage time over the month was 27 minutes and 28 seconds.

The maintenance window for December was utilised on 11 December.

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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