

.nz NEWSLETTER – December 2011

:: Domain Name Commission ::

Holiday Office Hours

The DNCL office will be closed from midday Friday 23 December 2011, reopening Wednesday 4 January 2012.

If any issues arise over the Christmas and New Year break, email us at info@dnc.org.nz or registrar@dnc.org.nz and we will endeavour to resolve them.

Dispute Resolution Service working days

The last business day for .nz Dispute Resolution Service dispute processing was Thursday 22 December 2011. The next business day will be Monday 9 January 2012. All deadlines will take the holiday break into account.

Statistics

In November, the number of active .nz domain names increased from 460,160 to 463,960, a net increase of 3,800.

Figures as at 31 November 2011:

	<i>1 Nov 11</i>	<i>30 Nov 11</i>	<i>New registrations November</i>	<i>Renewals November</i>	<i>Net Growth</i>
.ac	1,908	1,903	20	326	-5
.co	398,841	402,233	8,495	61,316	3392
.cri	13	13	0	1	0
.geek	1,121	1,116	16	235	-5
.gen	1,403	1,390	11	270	-13
.govt	1,097	1,099	2	1,065	2
.health	144	145	1	126	1
.iwi	76	76	1	10	0
.maori	669	677	16	87	8
.mil	33	33	0	9	0
.net	25,781	26,060	596	3,781	279
.org	25,859	25,992	396	3,683	133

.parliament	8	8	0	8	0
.school	3,207	3,215	17	1,274	8
TOTAL	460,160	463,960	9,571	72,191	3,800

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 ::

Holiday Hours

While our office will be closed on public holidays, we have support staff scheduled over the entire holiday period, and emails will continue to be checked.

All of us at .nz Registry Services extend our best wishes for a wonderful holiday season and a happy New Year.

DNSSEC

December was a great month for DNSSEC. Following with our schedule, the DNSKEYs for .nz were un-observed on December 9th and few hours later, the DS records were submitted to the Root Zone Manager for inclusion in the root zone. On December 13th around noon, the root zone published the DS records, completing the chain of trust for .nz.

Over the next few months we will be working on the schedule to enable DNSSEC for the second level domains, starting with .geek.nz. A calendar will be posted in our website to indicate specific dates.

Projects Update

SRS Architecture Upgrade

During December we had planned to switch the message middleware system from Spread to RabbitMQ. Due to external circumstances the final testing did not take place and it has been delayed to January 2012.

If you have any questions, please contact Dave or Sebastian on support@nzrs.net.nz

EPP

We have deployed a functioning version of the SRS EPP interface to the SRS production system.

If there are any registrars that would like to use the EPP interface on the test or production system then please contact Dave or Pearl on support@nzrs.net.nz

RIK Deprecation Announcements

With the 5.16 release of the RIK, the following was removed from the RIK:

RIK Libs:

SRS/NativeData/*.pm

SRS/Client/XMLTranslator.pm

SRS/Common/Data/Error.pm

SRS/XML/LibXML.pm

SRS/Action.pm

SRS/AutoRestart.pm

SRS/Common/Data/ErrorInfo.pm
SRS/Common/Data/ValidPostalCCs.pm
SRS/Error/Repository.pm
SRS/Logger/Apache.pm
SRS/Logger/Stream.pm

SRS/Error.pm
SRS/Logger.pm
SRS/LogMessageGenerator.pm
SRS/NativeData.pm
SRS/UDAI.pm
SRS/XML.pm

CPAN libs:
Date::Calc
Devel::StackTrace

Sys::Syslog
List::MoreUtils

Command Line Clients:
SRSCliet (In favour of SRSCliet2)

For more information please refer to the document [RIK changes 5.09](#)

RIK Redevelopment Project

The project to update the Registrar Information Kit (RIK) has been completed. SendJSON, sendXML and SRSCliet2 clients have been introduced and command-line options standardised.

The most recent version of the RIK is 5.16, released 13th November, with minor changes.

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

Maintenance Windows for 2012

Maintenance windows have been scheduled for 2012, and listed at: <http://nzrs.net.nz/notices/updates>

Availability

Availability %	SLA	Sept 11	Oct 11	Nov 11
SRS	99.90	100	100	100
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	Sept 11	Oct 11	Nov 11
Domain Details Query	≤0.5	0.02	0.01	0.02
Domain Update	≤0.8	0.21	0.20	0.22
Domain Create	≤0.8	0.24	0.23	0.25
Get Message	≤0.5	0.03	0.03	0.04
Whois	≤0.5	0.05	0.05	0.05
Whois queries at back end including Registrar (volume 000's)	N/A	8693	8973	8592
Whois Server Queries (volume 000's)	N/A	945	972	831
UDAI Valid Query	≤0.5	0.10	0.09	0.10

Server DNS % Availability

	Sept 11	Oct 11	Nov 11
NS1	100	100	99.99
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 November 2011

Outage Type	Total Duration
SRS Unscheduled	63 seconds
WHOIS Unscheduled	0
DNS	0

Scheduled Outages during November 2011

Outage Type	Total Duration
SRS Scheduled	6 hours
SRS Emergency Scheduled	0
Whois Scheduled	6 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 or on 04 931 6970. For all other matters, contact Debbie Monahan at 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 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