.nz Newsletter – August 2013

New website encourages people to go online with .nz

A new website developed by NZRS has been launched to help individuals and SMEs go online.

The website – www.getyourselfonline.co.nz – offers clear, practical advice on how to get a domain name and, for businesses, how to grow online. On the website, users can search for available .nz domain names and choose from one of the many companies that provide .nz domain registration and other online services.

NZRS Marketing and Channels Manager David Morrison says the website provides New Zealand businesses with the information they need to get started and connect with those who can help.

"For businesses with a New Zealand focus, a .nz domain is an important part of connecting with customers.

"However, recent research shows that SMEs need support to get online," Morrison says.

Findings in the NZRS-commissioned research show that two thirds of New Zealand businesses do not have a domain name for use with email or a website, and 57 percent of businesses don't know how to register a domain name.

"There is a significant disconnect between how the public use the Internet as a vital source of information for products and services and how businesses engage online," says Morrison.

DNC Staff attend Black Hat 2013

DNC Manager of Security Policy Barry Brailey recently attended this year's Black Hat Briefings in Las Vegas, USA. The Black Hat Briefings are a series of technical information security conferences that gather thought leaders from the corporate, government and academic world.

"The briefing sessions are led by some of the most respected experts in the world and keep DNC on top of Internet security developments. While not a significant issue in New Zealand at this time, one interesting piece of research at the conference identified changes in approach to malicious fast flux domains. Fast flux is a method used by malicious domains to avoid detection," Barry says.

"Fast flux domains used to change their IP address about every 10 minutes or less to evade detection. However, IP address changing is now much slower, the average is over one hour and there is greater sharing of IP addresses within fast flux infrastructure".

For more information on this research visit: **https://media.blackhat.com/us-13/US-13-Xu-New-Trends-in-FastFlux-Networks-WP.pdf** and **https://media.blackhat.com/us-13-Xu-New-Trends-in-FastFlux-Networks-Slides.pdf**

DNC Advertises for a New Mediator for its Dispute Resolution Service (DRS)

The DNC is seeking a new mediator for the DRS. The successful applicant can expect to handle up to four cases a year, with a fixed remuneration per case.

In order to be considered for this position, you will have a general knowledge of domain name and trade mark issues, as well as proven ability in your field. Suitable candidates may be involved in the Internet industry, mediation or arbitration, or legal profession, and will be a member of an appropriate professional organisation.

Further information on the DRS and this position is available at www.dnc.org.nz/information-mediators. Candidates should familiarise themselves with this material before applying.

Applications are invited by sending your CV and a covering letter. Successful candidates will be retained on a fixed term contract.

Please send your application to vacancy@dnc.org.nz no later than 18 September, 2013.

Statistics

In July, the number of active .nz domain names increased from 535,705 to 538,019, a net increase of 2,314. Figures as of 31 July, 2013:

	30 June 13	31 July 13	Creates	Renews	Net Change
.ac	2,031	2,038	23	375	7
.co	459,070	461,045	9,514	73,054	1,975
.cri	12	12	0	1	0
.geek	1,239	1,237	14	304	-2
.gen	1,383	1,376	6	363	-7
.govt	1,125	1,127	4	1,094	2
.health	172	172	0	149	0
.iwi	82	82	0	13	0
.kiwi	8,950	9061	158	619	111
.maori	1,147	1122	18	170	-25
.mil	35	35	0	9	0
.net	29,229	29,385	657	4,462	156
.org	27,876	27,959	443	4,411	83
.parliament	10	10	0	10	0
.school	3,344	3,358	27	1,163	14
TOTAL	**535,705**	**538,019**	**10,864**	**86,197**	**2,314**

Note: the above 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	May 13	Jun 13	Jul 13
SRS	99.9	100	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	May 13	Jun 13	Jul 13
Domain Details Query	≤0.5	0.04	0.03	0.03
Domain Update	≤0.8	0.24	0.20	0.20
Domain Create	≤0.8	0.30	0.24	0.17
Get Message	≤0.5	0.05	0.04	0.05
Whois	≤0.5	0.09	0.08	0.08
Whois queries at back end including Registrar (volume 000's)	N/A	9039	8712	10902
Whois Server Queries (volume 000's)	N/A	1395	1275	1343
UDAI Valid Query	≤0.5	0.6	0.10	0.10

Server DNS % Availability

	May 13	**Jun 13**	**Jul 13**
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 July 2013

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

Scheduled Outages during July 2013

Outage Type	**Total Duration**
SRS Scheduled	4 hours
SRS Emergency Scheduled	0
Whois Scheduled	4 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

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