

## **.nz NEWSLETTER – December 2008**

**:: DNC ::**

### **Registrars Advisory Group (RAG) Elections – Call for nominations**

We are now inviting nominations for three registrar representatives on the Registrar Advisory Group (RAG).

Nominations need to meet the following criteria:

- One nomination per registrar.
- Nominees need to have a clear relationship with an authorised registrar.
- Nominees must be a named person; you cannot put forward a general representative that will be filled by an unspecified person.
- Include a short biography of the nominee (around 100 words)

Nominations, with biographies, should be sent to [registrar@dnc.org.nz](mailto:registrar@dnc.org.nz) and need to be received by 15 January 2009.

For more information on the RAG group a background article has been posted at <http://dnc.org.nz/content/ragbackground.html> .

### **Registrar Compliance**

Bottle Domains has been found to be in breach of one of the .nz policies and procedures - the Registering, Managing and Cancelling Domain Names Policy.

This breach resulted from an unreasonable, and unexplained, delay in providing UDAs to a registrant after they had been requested.

It was accepted that the registrant ultimately received the UDAs and that at no time did Bottle Domains refuse to provide them. It was also acknowledged that Bottle Domains has taken steps to improve its processes in respect of providing UDAs. Though that was accepted the breach does justify a formal warning being issued to Bottle Domains regarding their behaviour.

It is not acceptable for registrars to breach the .nz policies and procedures. Should a registrar be unsure of what is expected they should check with the Domain Name Commission to ensure they are complying with the .nz policies and procedures.

## Statistics

In November, the number of active .nz domain names increased from 348,186 to 347,969, a net decrease of 217.

Figures as at 30 November 2008:

	<i>Active names as at 1 November</i>	<i>Active names as at end 30 November</i>	<i>New registrations November</i>	<i>Renewals November</i>	<i>Net Growth</i>
.ac	1646	1654	36	349	8
.co	299555	299318	5973	60561	-237
.cri	16	15	0	3	-1
.geek	861	860	23	204	-1
.gen	1201	1205	21	302	4
.govt	977	978	1	890	1
.iwi	64	65	1	14	1
.maori	523	520	13	73	-3
.mil	17	17	0	9	0
.net	20330	20286	360	3616	-44
.org	20180	20225	347	3638	45
.parliament	5	5	0	5	0
.school	2811	2821	21	1214	10
<b>TOTAL</b>	<b>348186</b>	<b>347969</b>	<b>6796</b>	<b>70878</b>	<b>-217</b>

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 ::

### **NZRS replaces .nz name server**

Media Release – 1 December 2008

New Zealand Registry Services (NZRS) is pleased to announce that the authoritative name server NS7.DNS.NET.NZ for the .nz Domain Name System (DNS) has been replaced.

The replacement is part of a wider project aimed at improving the .nz DNS infrastructure. There is no impact on the .nz DNS as a result of the change and the new IP address for NS7.DNS.NET.NZ is 202.46.188.130.

Over the last few weeks the NZRS, a subsidiary company of Internet New Zealand, has worked on the changes. The NS7 authoritative .nz name server was previously operated by Telecom.

Bringing the server under NZRS' control will lead to greater reporting and monitoring of the .nz name servers. It will also enable the smoother addition of servers to other parts of the network, if required.

NZRS General Manager Nick Griffin thanks Telecom for its solid management of the .nz name server to-date.

“The new server uses a technology called Anycast, where multiple servers respond to the same IP address, resulting in faster query times. It adds additional robustness and offers better resistance to large-scale denial of service attacks,” he says.

The NZRS operates and manages the registry of .nz domain names and the operation of the Domain Name System (DNS) in the .nz domain name space.

## IPv6

The .nz authoritative name server (NS5) is now capable of accepting requests and sending corresponding responses using IP version 6 (IPv6) transport as well as IPv4 transport. There are now three .nz authoritative name servers that support IPv6 transport.

## Availability

SRS production system availability:

	SLA	September	October	November
<b>SRS Availability %</b>	99.90	99.98	99.91	99.99
<b>Whois</b>	99.90	100	99.91	100
<b>DNS</b>	100	100	100	100

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

Avg Response time (in seconds)	SLA Target	September	October	November
Domain Details Query	≤1.5	0.03	0.03	0.03
Domain Update	≤0.8	0.42	0.41	0.42
Domain Create	≤0.8	0.48	0.49	0.50
GetMessage performance	≤0.8	0.04	0.04	0.04
Whois	≤0.8	0.13	0.12	0.12
Whois queries at back end including Registrar (volume 000's)	N/A	2986	2836	2647
Whois Server Queries (volume 000's)	N/A	365	396	349
UDAI Valid Query	≤0.8	0.16	0.15	0.15

## 1. DNS

### Server

### % Availability

	September 08	October 08	November 08
<b>NS1</b>	100	100	100

<b>NS2</b>	100	100	100
<b>NS3</b>	100	100	100
<b>NS4</b>	99.96	100	100
<b>NS5</b>	100	100	100
<b>NS6</b>	100	100	99.97
<b>NS7</b>	100	100	100

NS7 was successfully changed from the Grace and favour arrangement with Telecom to NZRS.

### Unscheduled Outages

Outage Type	Total Duration
SRS Unscheduled	294 Seconds
WHOIS Unscheduled	10 Seconds
DNS	0

### 2.

### Scheduled Outages

Outage Type	Total Duration
SRS Scheduled	2 hours
Whois Scheduled	2 hours

### 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](mailto:support@nzrs.net.nz). For all other matters, contact Debbie Monahan at [info@dnc.org.nz](mailto:info@dnc.org.nz).

### Please Note

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