

SRS Scheduled Maintenance

May 18th 2003, 03:00 – 04:00

SRS Outage

There will be a scheduled shut down of SRS to allow for maintenance and an upgrade to SRS (1.5) on 18 May 03:00 – 0400 NZ Standard time.

Registrar Implementation Kit (RIK version 1.5.0)

The new release of SRS will coincide with a new release of the RIK (1.5.0). Please note that the source code for the SRSClnt and SendXML has not been changed in this release. The new release of the RIK is available on the DNC web site dnc.org.nz and the NZRS web site nzrs.net.nz.

SRSRPS – Registrar Pre-release System

An additional SRS environment (SRSRPS) containing the new release of SRS (1.5) is available from 2nd May 2003 to Authorised Registrars to allow for testing. The URL will be sent out on 2nd May 2003 to Authorised Registrars.

Test SRS System

The Test SRS system will continue to mirror the production environment and will receive the new release on 18th May 2003.

Summary of the new release of SRS (1.5)

Please note in the following summary of changes, an NZRS reference for a change is denoted by a number enclosed by square brackets [.].

Redesign and implementation of Billing Business Rules

Some issues and problems have been raised about the renewal and billing processes of SRS. To address these we have taken the opportunity to review the business rules and review the code. As a result of this review we have produced a new document “Billing Business Rules” (version 1.0 1st May 2003) that covers the business rules and have rewritten the billing code



module. The “Billing Business Rules” document is included in the RIK and is available on the DNC web site dnc.org.nz and the NZRS web site nzrs.net.nz. [3380]

The fixes that have been applied to the billing module are:

Correct problem in AccountQueryTransactions where the billing term and amount show the incorrect values. [3380]

Correct problem where the BilledUntil dates are not set to the “monthly anniversary” of the registration date. This is where a domain, whose registration date is the 31st of the month, is renewed for on month from the 31st Jan to 28th Feb and the next 1 month renewal, renews it to the 28th March. This has been fixed so that the 1 month renewal from 28th Feb goes to 31st March. Note: for domains that came across from DRS with a registration date that did not match it’s BilledUntil date, we have stored the BilledUntil date at the time the SRS was populated and we will use this date to calculate the “monthly anniversary” of the domain. [3159]

Whenever an overdue domain (BilledUntil date is in the past) is updated, the billing for that domain will be brought up-to-date before the update is applied. Please refer to the business rules document, rules 5, 9 and 15, for more details on this change. [3060]

DomainDetailsQry - ChangedInDateRange filter

This is a feature that was added in the last RIK release but was not documented. In the DomainDetailsQry you can search on domains that were modified during a specified date range using the ChangedInDateRange element. [2910]

e.g:

```
<DomainDetailsQry MaxResults="100" >
  <ChangedInDateRange>
    <From Year="2003" Month="04" Day="23" Hour="09" Minute="40" Second="00"/>
    <To Year="2003" Month="04" Day="23" Hour="09" Minute="50" Second="00"/>
  </ChangedInDateRange>
</DomainDetailsQry>
```

DomainDetailsQry - Invalid Term Error

Enhancement that allows a Term of zero to be valid in a DomainDetailsQry [3338]

Nameserver validations

Improved nameserver validations. Added a validation check that names must end with an alphabetic label. Added a validation check to mandate that IP addresses must be supplied where the nameserver is within the domain. Names ending with a ‘!’ char will be considered invalid [3068,3377,3437,3213]



UDAIValidQry: Enhancement to Error Messages

When a mandatory field (UDAI, DomainName) was omitted from this request a generic system error message was returned. This has now been changed to return a specific mandatory field missing error message [3309]

DomainUpdate - Updating moderated domains

An update of Registrant Contact details (not Registrant Name) on a moderated domain (ie. one that the registrar doesn't have in it's allowed 2ld list) produced an error. This has been fixed and this error should only occur when the Registrant Name is updated. All other details are allowed to be changed. [3340]

Invalid Format of SRS ErrorDetails

SRS rejected fields containing a specific sequence of characters, specifically the string ']]>'. The Error details element contains the value of this invalid field as CDATA so, for example, the string "this is an]]> error" can result in <ErrorDetails><![CDATA[this is an]]> error]]></ErrorDetails> which is invalid XML and will fail client side XML validation. SRS has been fixed so that where this text appears in an ErrorDetails CDATA section, the text is omitted. This will normally only occur in the case of a registrar submitting strange data, and the data is returned as part of the ErrorDetails. [3353]

Domain Transfer - System error when UDAI set to zero

The error details returned when the UDAI is set to zero on a Domain Transfer now shows the invalid UDAI message instead of the system error message.[3372]

Domain Transfer - RegistrantRef not reset during transfer

The RegistrantRef field is now reset to null when a domain is transferred (unless it is provided as part of the update [3610])

Update Historical Data

Corrected the effective date on a small number of historical records that were converted from the DRS. [3474]

DomainDetailsQry - Available Records are returned in a history search (Registry Only function)

Domains that were made Available were not always being returned when doing a history search using the DomainDetailsQry. A correction has been made to the Release domains process to ensure Available records are returned in a history search [2999]



BillingExtract response (Registry Only function)

Fixed a problem with the sort ordering of BillingExtract response. [3267,3411]
Invoice id field changed to alphanumeric [3296]
Apache web server tuned to stop timeout of BillingExtract transaction [3432]

Registry Interface Fixes (Registry Only function)

Fixed a mason error for the Domain Update function. [3288]
Set the default registrar to null for the Domain Create function [3310]

Scheduling System (Registry Only function)

Fixed problem with the scheduled jobs in the Test systems not having unique actionids [3295]
Added a default frequency of 1 minute to the Schedule create utility [3314]

Registrar Create (Registry Only function)

Added a RegistrarId field to the RegistrarCreate XML request function. The purpose of this field is to allow the Registry the ability to specify the RegistrarId value when creating a new registrar instead of allowing the system to allocate the next available number. This will enable the Registry to setup additional Test Registrars on the test system to allow Registrars to test the transfer in/out process themselves. [3403, 3473]

