

## SRS Scheduled Maintenance Outage 22 January 2003

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On 22 January at 20:00 - 20:30 the SRS and whois servers will be unavailable to allow for SRS to receive updates.

### Registrar Implementation Kit (RIK)

The RIK is being updated to reflect the updates to SRS and will be published on Friday 17 January.

### Summary of the updates

#### BillingExtract response

- Fixed a problem with the ordering of BillingExtract response. As a result of this problem, there was an outage to the SRS Production System on the 30/12/2002 for 34 minutes. The sort ordering has been changed to domain name and billing period start for BillingExtract . [3267]

#### Non-detached signatures

- Fixed a problem that allowed registrars to use non-detached signatures The SRS is designed with the idea of using detached OpenPGP signatures of the request data (and response data) for verification. [3114]

#### RegistrarUpdate failing if public key not submitted

- Fixed a problem which stopped the Registrars from using the RegistrarUpdate function. The software failed the RegistrarUpdate request if the registrar's public key was not submitted, however the registrar's public key is not a valid field for the RegistrarUpdate function . [3104]

#### DomaindetailsQuery - ordering of results

- Fixed a problem with the ordering of results for DomainDetailsQry. The DomainDetailsQry returned domains names in 2ld order. This has been changed to domain name order (and then Effective Date). [2980]

#### Improved the validation and generation of the Fees numbers

- This was a problem with the Test system returning responses that it shouldn't return (i.e. responses from other requests). This isn't a problem in production [3091]

#### Billing count pending transactions

- Fixed a problem that prevented billing account pending transactions from getting deleted when a domain was cancelled within it's grace period. [3182]

#### Duplicate Udai generation

- Fixed a problem that was causing identical Udais to be generated for multiple requests with the same FE Timestamp. [3282]



### GetMessage message ordering

- Fixed a problem that was causing improper ordering of messages returned from Get. Messages were being returned in descending date order and this was wrong. Messages are now returned in ascending date order. The date ranges for messages returned in Get are:

From <= (messages) < To

which will mean that the initiator requesting messages from a series like:

17:00 - 17:05

17:05 - 17:10

17:10 - 17:15

and so forth, will receive a complete set of messages, but will not receive an overlapped set. [3243]

### Domain is cancelled in registration grace period - error message

- Changed the error message returned when a domain is cancelled in registration grace period, then re-registered and cancelled again. [3226]

Example of new message:

```
<Error Hint="INVALID_REQUEST_ERROR" ErrorId="DOUBLE_REG_ATTEMPT"
Severity="err">
```

```
  <Description>
```

```
    <![CDATA[ Registration of domain previously cancelled in grace period ]]>
```

```
  </Description>
```

```
  <ErrorDetails>
```

```
    <![CDATA[ testdomaindoublereg4.co.nz ]]>
```

```
  </ErrorDetails>
```

```
</Error>
```

### Domain record ordering

- Fixed a problem with ordering of domain records returned when canceling multiple domains in registration grace period.

This problem was related to a DomainUpdate transaction using wildcards, where the domains were processed in a different order across the backends and thus returned a different XML response for the same effective change. It is recommended that Registrars do not use wild cards for DomainUpdate requests. [3216]

### RegistrarAccountQry

Added RegistrantRef to the results of a RegistrarAccountQry for renewal transactions [3214]

### DTD-

Changed the DTD to exclude DomainTransfer as a valid action request element [3206]

### whois blacklist

-Added a blacklist to the whois server [3103]



### Query transaction message

- Fixed a problem with not returning the correct error message when a Registrar tries to access the query transactions and the Registrar does not have the Query access role. [2680]

### 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. [3068]

### GetMessage size

[3254] - Changed Get to only return messages under a specified size, currently set to 5 mb, unless specifically requested by ActionId. This means that you will get the following response for each message in a GetMessage request that is over the specified size:

```
<Response Action="UnknownTransaction" FeId="5" Fees="104133420030"
OrigRegistrarId="50" TransId="104133420030">
<FeTimeStamp Day="01" Hour="00" Minute="30" Month="1" Second="00"
TimeZoneOffset="+13:00" Year="2003"/>
<Error Hint="INVALID_REQUEST_ERROR" ErrorId="MESSAGE_TOO_LARGE"
Severity="err">
<Description><![CDATA[A message was too large to be returned by Get. To view this
message, request it specifically, by ActionId]]></Description>
<ErrorDetails><![CDATA[500]]></ErrorDetails>
<ErrorDetails><![CDATA[3273]]></ErrorDetails>
</Error>
</Response>
```

You can then use the ActionId (TransId) from the message response with another GetMessage request to retrieve the message.

If you have any questions please refer them to [support@nzrs.net.nz](mailto:support@nzrs.net.nz)

