



Shared Registry System

Billing Business Rules

Version:
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Date:

1.0
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1. Introduction

This document details the business rules that are followed by the SRS for the billing of domain names.

All dates referred to in this document are made up of the date + time + timezone.

2. Billing Rules

Rule	Subject	Description
1	General	<p>The SRS will ensure that all Registrar Account transactions are processed in the “correct order”, even if there has been a delay in processing (the scheduled renewal job may run late for example).</p> <p>Registrar Account transactions will be created as early as possible within a new billing period, normally on the first day.</p> <p>“correct order” means order by BilledUntil date (for Renewal transactions) and by Front End received date (for update transactions).</p> <p>For example if an update transaction (Front End received date) is received after a BilledUntil date for a domain and before the scheduled renewal job run, then a Renewal transaction will run (Registrar Account transaction is created) before the update transaction is processed.</p>
2	General	<p>Billing will be generated in units of the minimum term (one month).</p> <p>The new BilledUntil date will fall on the “monthly anniversary” of the registration date (or the previous valid day if this is not a valid date) unless this domain name came across from the DRS with a Registration date that didn't match it's BilledUntil date. In this case the new BilledUntil date will be the same as the old BilledUntil date from the DRS (called the BillDay).</p>

- 3 Create A registrar will be billed (Registrar Account transactions created) if they create a domain name.
- A domain name's billing period will begin on its registration date and extend for the number of monthly increments indicated by the billing term in the Create transaction. (Refer to Billing Rule #6 for Grace Periods)
- 4 Renewal When an active domain name becomes due for renewal (the BilledUntil date is passed), it will automatically be renewed and the registrar will be billed for the domain name's new billing period.
- The domain name's new billing period will begin from it's old BilledUntil date and extend for the number of monthly increments indicated by the billing term on the domain as at the old BilledUntil date. (Refer to Billing Rule #6 for Grace Periods)
- 5 Renew Now A domain name can be renewed at any time during it's current term (before the BilledUntil date is passed) using the Renew request indicator on the DomainUpdate transaction (Renew transaction). In this case the requesting registrar will be billed for the domain name's new billing period.
- The domain name's new billing period will begin from the effective BilledUntil date and extend for the number of monthly increments indicated by the billing term specified in the Renew transaction, if present, otherwise for the billing term in effect for the domain at the time of the Renew transaction.
- The Renew transaction will not be accepted if the end of the new term is more than 120 months from the current date.
- Registrar Account transactions will be created immediately for advance renewals.
- If a domain name is renewed by the Renew transaction after it's current term has expired and before the renewal job has run, a billing catch-up will be run using the billing term at the BilledUntil date and a new BilledUntil date will be generated. The Renew transaction will then be applied to the new BilledUntil date (as described in Billing Rule #1).

- 6 Grace Periods RegistrationGracePeriod for a domain will begin at the current date.
- RenewalGracePeriod for a domain will begin at either the BilledUntil date or the date of the Renew transaction, whichever is earlier.
- Cancelling a domain name after the end of its Grace Period will have no effect on the billing for that domain name.
- 7 Cancel Domain names cancelled during their grace period will not be billed.
- Where a domain name is cancelled within the RegistrationGracePeriod, all Registrar Account transactions for that domain will be cancelled.
- Where a domain name is cancelled within the RenewalGracePeriod of any Renew transaction, that Registrar Account transaction will be cancelled and the BilledUntil date of the domain rolled back to the previous value.
- 8 Transfer Transferring a domain name will have no effect on any billing that has occurred or that is outstanding for that domain.
- Transferring a domain name inside the RenewalGracePeriod will have no effect on the billing for that domain.
- I.e. The registrar that held the domain name when it was due for renewal will be billed and this billing will stand even if the domain name is transferred to another registrar inside the RenewalGracePeriod.
- 9 Uncancel If a cancelled domain name is uncanceled during it's pending release period the renewal process will be applied retrospectively.
- The uncancelling registrar will be billed from the old BilledUntil date (at the time of cancellation) of the domain name in increments of the minimum term until the domain is paid up-to-date. Registrar Account transactions will be created immediately for any outstanding billing periods.

- 10 Billing Term The billing term for a domain name will reset to the minimum term after any Renew, Create or Transfer transactions are processed.
- This will prevent domain names which have been billed for a longer term being automatically renewed for the same term, before the registrar has determined the terms of the renewal, or even if a renewal is required.
- To continue billing the domain name for multiple months at renewal, the registrar will have to set the billing term again, using the standard update process.
- 11 Locked Domain names will not be billed while they are locked. Once a domain name is unlocked, Registrar Account 'catch-up' transactions will be created in the normal manner if the domain is active.
- 12 Invoice Invoicing of registrars will not occur until after expiry of the longest grace period from the end of the month.
- 13 Pending Release If a domain which is pending release becomes due for renewal, it will not be renewed (and therefore not billed).
- 14 Registrant Ref The domain name's registrant reference field is a means of identification by which the Registrant may be known in the Registrar's system.
- If the domain name is transferred, the registrant reference field is updated, if it is provided in the transfer, otherwise it is blanked out.
- If the registrar id has not changed between the BilledUntil date and the time that the Registrar Account transaction is created, then the domain name's registrant reference field will be included in a Registrar Account transaction.
- If the registrar id has changed then the registrant reference field that is applicable to the registrar id being billed will be used.
- 15 Update If a domain name is updated after it's current term has expired and before the renewal job has run, a billing catch-up will be automatically run using the billing term at the BilledUntil date and a new BilledUntil date will be generated. The Update transaction will then be applied to the updated domain name with the new BilledUntil date (as described in Billing Rule #1).

Appendix A - Examples

Rule 2

“monthly anniversary” of the registration date

Example showing the new BilledUntil date will fall on the “monthly anniversary” of the registration date (or the previous valid day if this is not a valid date).

Note: A fix was applied in this SRS release (1.5) to correct the problem where a domain with a registered date at the end of a month (e.g. 31st) and the domain was renewed on the 28/2/2003 and the new BilledUntil date was set to 28/3/2003. It should have been set to 31/3/2003.

Registered Date 2001-12-31, 14:23:27

Domain Name	Billed Until Date	Comments	SRS Release
testdomain.co.nz	2004-2-29 , 14:23:27	Renew 1 month	1.5
testdomain.co.nz	2004-1-31 , 14:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-12-31,14:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-11-30,14:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-10-31,14:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-9-30 , 13:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-8-31 , 13:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-7-31, 13:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-6-30 , 13:23:27	Renew 3 months	1.5
testdomain.co.nz	2003-3-28 , 13:23:27	Auto Renew 1 month,	Pre Release 1.5
testdomain.co.nz	2003-2-28 , 14:23:27	Auto Renew 1 month	Pre Release 1.5
testdomain.co.nz	2003-1-31 , 14:23:27		Pre Release 1.5

Rule 2

“monthly anniversary” of the DRS BilledUntil date

Example of a domain name that came across from the DRS with a Registration date that didn't match it's BilledUntil date.

This example shows the new BilledUntil date will fall on the “monthly anniversary” of the old BilledUntil date from the DRS (called the BillDay) (or the previous valid day if this is not a valid date).

Registered Date 2001-11-03, 00:00:00
DRS BilledUntil Date 2003-01-31, 14:23:27
BillDay 2003-01-31, 14:23:27

Domain Name	Billed Until Date	Comments	SRS Release
testdomain.co.nz	2004-2-29 , 14:23:27	Renew 1 month	1.5
testdomain.co.nz	2004-1-31 , 14:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-12-31,14:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-11-30,14:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-10-31,14:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-9-30 , 13:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-8-31 , 13:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-7-31, 13:23:27	Renew 1 month	1.5
testdomain.co.nz	2003-6-30 , 13:23:27	Renew 3 months	1.5
testdomain.co.nz	2003-3-28 , 13:23:27	Auto Renew 1 month	Pre 1.5
testdomain.co.nz	2003-2-28 , 14:23:27	Auto Renew 1 month	Pre 1,5
testdomain.co.nz	2003-1-31 , 14:23:27		Pre 1.5

Rule 5

Example of a domain renewed for 6 months a few hours after the current term has expired.

Note: Automatic renew is applied to the domain before the renew for 6 months.

Domain Name	Status	EffectiveFrom Date	Billed Until Date	Change
nzrstest.co.nz	Active	2003-4-30, 15:23:22	2003-11-30,11:01:05	Renew for 6 months
nzrstest.co.nz	Active	2003-4-30, 15:23:22	2003-5-30 , 10:01:05	Auto renew for 1 month
nzrstest.co.nz	Active	2003-4-03, 11:33:06	2003-4-30 ,10:01:05	Before update

Rule 8

Example of a transfer from Reg A to Reg B just after the current term has expired.

Note: Reg A that held the domain name when it was due for renewal will be billed and even though the name was transferred in the RenewalGracePeriod,

Note: Reg A is not able to cancel the domain and reverse the 1 month renewal that they have incurred after it has transferred.

Domain Name	Reg Id	Status	Term	EffectiveFrom Date	Billed Until Date	Change
nzrst1.co.nz	B	Active	1	2003-4-30,15:42:50	2003-5-30,11:35:01	Transfer to Reg B,
nzrst1.co.nz	A	Active	1	2003-4-30 , 15:42:50	2003-5-30, 11:35:01	Transfer to Reg B, Auto Renew for Reg A
nzrst1.co.nz	A	Active	1	2003-2-03 , 16:31:07	2003-4-30, 11:35:01	Before Transfer

Rule 9

Example of a domain name that is PendingRelease and has 3 months outstanding on it's BilledUntil date. It is transferred to Reg B, uncancelled, and renewed for 12 months.

The domains BilledUntil is automatically brought uptodate with three one month auto renewals and then the domain is renewed for 12 months.

Reg B will get a bill for three one month renewals and one twelve month renewal.

Domain Name	Reg Id	Status	Term	EffectiveFrom Date	Billed Until Date	ChangedByRegistrarId
nzrst2.co.nz	B	Active	1	2003-4-30,16:50:17	2004-5-16,09:47:01	Transfer to Reg B, Uncancel and Renew for 12 months for Reg B
nzrst2.co.nz	B	Pending Release	1	2003-4-30,16:50:17	2003-5-16,09:47:01	Transfer to Reg B, Auto Renew for Reg B
nzrst2.co.nz	B	Pending Release	1	2003-4-30,16:50:17	2003-4-16,09:47:01	Transfer to Reg B, Auto Renew for Reg B
nzrst2.co.nz	B	Pending Release	1	2003-4-30,16:50:17	2003-3-16,09:47:01	Transfer to Reg B, Auto Renew for Reg B
nzrst2.co.nz	A	Pending Release	1	2003-2-21,08:56:11	2003-2-16,10:47:01	Before Transfer

Rule 15

Example of an update to the term of a domain 11 minutes after the current term has expired.

Note: Automatic renew is applied before the update to the term field.

Domain Name	Status	Term	EffectiveFrom Date	Billed Until Date	Change
nzrstest.co.nz	Active	2	2003-4-30 , 15:12:38	2003-5-31 , 15:01:01	Term updated
nzrstest.co.nz	Active	1	2003-4-30 , 15:12:38	2003-5-31 , 15:01:01	Auto Renew
nzrstest.co.nz	Active	1	2003-3-31 , 15:01:01	2003-4-30 , 15:01:01	Before update