
Domain Name Wait Listing Service

**Revised and Presented by
VeriSign Global Registry Services**

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Preface to the Revised Version

This document is a revision to VeriSign Global Registry Services (VGRS) Wait Listing Service (WLS) proposal sent to the DNSO Registrars Constituency on December 30, 2001, further revised in a proposal distributed on January 28, 2002, and further revised as a result of comments from other DNSO constituencies, the DNSO General Assembly and other interested parties in the Internet community. In this revision, VGRS has tried to be responsive to feedback received from all interested parties.

As a registry business, we are of course concerned that our business needs be met and that the concerns of our customers (registrars) be heard and addressed. At the same time, we believe that the needs of end-users (registrants and prospective registrants) are of the utmost importance with regard to domain name services. Our highest priority has been to objectively evaluate the WLS in light of the ultimate beneficiary, domain name consumers.

Complementary Paper

Please note that a complementary paper was prepared by VGRS titled ‘Justification for a Registry-based Wait Listing Service.’ The purpose of the paper is four-fold:

1. To provide a brief overview of the VGRS proposed WLS for .com and .net second-level domain names.
2. To provide members of the Internet community a high level overview of the current situation with regard to registering previously registered .com, .net and .org second-level domain names
3. To highlight what VGRS sees as the advantages of the WLS
4. To provide responses to some of the criticism that has been presented to date in opposition to a Registry-based Wait Listing Service.

Summary of Major Revisions

Here is a summary of the major changes made with the first revision:

- An introductory explanation was added at the beginning of the proposal.
- The maximum number of times a subscriber will be allowed to transfer a subscription to a different name was changed from three to five (see Section 2.a.vii).
- The proposed 15-day Registry Hold period has been omitted from this document. Although the proposal has merit in addressing several problems that have arisen, including inadvertently deleted names, it is a distinct idea and VGRS believes that it is best considered separately.
- Specific key milestone dates were changed to TBD in Section 3.
- Possible terms were suggested for the Signed Service Agreement in Section 4.a based on feedback received from the DNSO Intellectual Property Constituency.
- The original billing and fee structure was replaced with a new one in Section 5.
- A companion paper titled ‘Justification for a Registry-based Wait Listing Service’ was issued at the same time as the first revised proposal.

Changes made in this revision simply involved removing text that was specifically related to the first revision and no longer necessary as part of a final proposal.

1. Introduction

WLS is intended to provide both (1) a new, streamlined business opportunity for the entire registrar community, and (2) some measure of relief in dealing with the “deleted domains” issue. VeriSign believes that introduction of WLS will benefit all interested constituencies (e.g., registries, registrars, resellers, intellectual property owners and domain name registrants). To that end, we address the following topics in this paper:

- High-level mechanics of how the WLS will be delivered and distributed;
- WLS implementation milestones and go-live requirements for registrars;
- Billing model;
- Effects on interested parties; and,
- Market potential and rationale.

Pursuant to a license from SnapNames of its Parallel Registry™ technology, VeriSign, Inc., through its VeriSign Global Registry Services (“VGRS”) division, will offer the WLS to VGRS’s ICANN-accredited registrar channel. VGRS anticipates that it will offer WLS for a one-year test, beginning at a date to be determined. Results will be compiled during the last two months of the test and provided to ICANN.

2. Service Overview and Mechanics

WLS is a service whereby potential registrants (hereinafter referred to as “subscriber(s)”), through their selected, participating registrar, may purchase a subscription tied to a domain name currently registered. Only ICANN-accredited registrars will be able to offer the subscription service for .com and .net domain name registrations. WLS subscriptions for the .org TLD will not be available during the one-year test period. Registrars will have the opportunity to decide whether or not to allow their resellers to offer the service. Registrars will perform all subscription transactions directly with VGRS, using an interface separate from the Shared Registration System (SRS). The VeriSign Registry Registrar Protocol (RRP) will not be used in the implementation of WLS. All current processes will remain unchanged with one exception. A domain name registration that is subscribed to on WLS will be registered to the subscriber when the current domain name registration is deleted through normal operational procedures. Initially, a domain name registration will only have one (1) subscription pending at a time. The processes for placing and fulfilling subscription(s) will be as follows:

a. Process for subscribing to WLS:

- In the event that a domain name is already registered within the SRS, the registrar checks the WLS to see if a subscription already exists for that domain name.
 1. Note: Only two scenarios will prevent a registrar in good standing from being able to submit a subscription. The first is if a subscription already exists for a specific domain name. The second is if the selected domain name registration does not already exist within the SRS database.

- If the domain name is not already subscribed to in WLS, then the registrar submits a subscription for that name to WLS.
- NOTE: The subscription submitted to WLS by the registrar is the same data (minus nameserver information) that registrars currently submit to "ADD" new .com and .net domain names. WLS collects no subscriber data and, as today, VGRS will have no direct contact with a subscriber. The subscriber stays the registrar's customer. The subscription registrar will add nameserver data after the selected domain name is actually registered in the registry for the registrar on behalf of the subscriber.
- WLS notifies the SRS that the domain name is on the subscription list. The SRS identifies the name in the SRS database as being a subscribed name.
- WLS notifies the registrar of the successful subscription.
- The subscription registrar notifies the subscriber of the successful subscription.
- NOTE: The subscription is tied to a single domain name at any point in time. However, over the life of the one-year subscription period, the subscriber may change the domain name tied to the subscription up to a maximum of five times.
- After the last day of each calendar month, VGRS will send each registrar an invoice for all subscriptions successfully submitted during the previous month. For further information on the billing model and specific pricing, see Section 5 of this paper.

b. Process for subscription fulfillment:

- A domain name is deleted through the normal course of operation (e.g., registrar submits a delete request).
- NOTE: Any deletion grace period, as applicable, will still apply.
- The SRS processes the deletion and checks to see if the deleted name is on WLS.
- If the name is on WLS, the name is automatically "added" to the SRS database using the registration data supplied by the subscription registrar at the time the subscription was made.
- At this time, the registrar's VGRS account is debited \$6 for the domain name registration fee. All other regular business rules affecting registration of domain names will apply at this time.
- VGRS then notifies the subscription registrar of the subscription fulfillment.
- The subscription registrar modifies the registration record to include nameserver data and updates its WHOIS database in accordance with the registrar's responsibilities under the current Registry-Registrar Agreement and ICANN Accreditation Agreement.
- The subscription registrar notifies the subscriber of the successful registration. The "subscriber" is now a registrant.
- The subscription will be cleared from WLS and a new subscription can be placed for the domain name by any registrar.

c. Subscription Renewals: At the time a subscriber submits an application for a subscription, it can choose whether or not to have the subscription auto-renew at

the end of its term. If the subscriber does not choose auto-renewal at the initial subscription period, then it may still choose that feature at any time during its term. If it never chooses auto-renewal, the subscription will automatically terminate (be deleted) when the one-year term expires. All renewal terms are for one year.

- d. **Subscription Transfers:** In an effort to keep the one-year test as simple as possible, VGRS will not allow subscribers to transfer subscriptions from one registrar to another registrar, as can be done with domain name registrations today.
- e. **Subscription Cancellations:** A subscriber may cancel a subscription at any time by submitting, through its registrar of record, a “delete” request through the WLS. Please note that subscription fees are non-refundable.
- f. **Subscription Disputes:** The Uniform Dispute Resolution Policy (“UDRP”) will not apply to subscriptions within the WLS, as the domain names associated with subscriptions will not actually be registered. As the UDRP only applies to registered domain names, a party wishing to dispute a domain name associated with a subscription must wait until after the domain name is actually registered to employ the provisions of the UDRP.
- g. **Conclusion of 12-Month Trial:** VGRS assumes the following:
 - Subscriptions continuing beyond the end of the trial period will continue to be serviced by VGRS and registrars.
 - Registrars, ICANN and VGRS will mutually develop evaluation criteria for the 12-month trial.

3. Key Milestones (for ramping and going live)

- a. **Software Development Kit (SDK) available to Registrars – TBD:** The SDK will enable the registrar to develop an EPP API to connect to WLS. All of the items outlined below are needed for development. Also included are actual Java binaries and build codes, which, if used, provide the registrar with a completed Java-based EPP API that can be used to connect to the WLS with minimal development work
 - i) Framework overview;
 - ii) Interfaces class diagrams;
 - iii) EPP mappings;
 - iv) Java binaries and build code - this will allow registrars to build a working WLS EPP Java API by using the build codes;
 - v) Open source code; and,
 - vi) Implementation examples.
- b. **Implementation materials available to Registrars – TBD**
 - i) Registrar Reference Manual – guide to all EPP commands, Ramp-up Processes, OT&E, Accounts Receivable, Registrar tool, and FAQs;

- ii) Quick start ramp up guide – necessary steps to become a certified registrar; and,
- iii) OTE Acceptance Criteria (registrar testing document) – the technical test a registrar must pass.

c. Marketing materials available to Registrars – TBD

- i) HTML Content – content for registrars to post on their web sites and incorporate into their domain name check and/or purchase flow promoting the benefits of WLS;
- ii) Detailed Product Description – a PDF- or HTML-based document that provides the complete details (e.g., how it works, limitations, risks, etc.) of WLS that potential subscribers can access from the above content; and,
- iii) Email content – content for registrars to send to current and prospective subscribers, communicating the availability and value of WLS.

d. Operation Test and Evaluation Launch (OT&E) – a + 30 days. The OT&E will be available to registrars for development testing and certification. The OT&E period will continue from a + 30 days throughout the trial.

e. Production Launch – d + 60 days. All registrars that have successfully completed OT&E testing will go live at the same time on the Production Launch date. Other registrars will go live as they are OT&E qualified.

4. Registrar Go-Live Requirements

- a. Signed Service Agreement; and,
 - Details of the WLS Service Agreement will be provided shortly.
 - VGRS suggests that terms of the WLS Service Agreement should include requirements for registrars to:
 - Verify previously submitted subscriber contact data at the time a WLS subscription is converted into a domain name registration to ensure that contact information is accurate
 - Take reasonable measures to ensure that a domain name registration that is cancelled as the result of a UDRP proceeding will not be awarded to the wait list subscriber for that domain name unless the subscriber is the UDRP complainant, thereby avoiding undermining the integrity of the UDRP process
 - Keep the identity of wait list subscribers confidential except as required by law enforcement agencies.
- b. OT&E Certification.

5. Billing Model and Fee Structure

VGRS will follow a wholesale billing model. Specifically, VGRS will charge registrars for each subscription at the time the subscription is placed. The registrars are free to promote/retail WLS

to their respective resellers and customers. Registrars also are free to set a competitive retail price for this service.

The uniform wholesale price between VGRS and registrars is as follows:

- \$35
- To incentivize registrars to properly educate subscribers about the costs, risks and benefits of the WLS, VGRS will pay a rebate to registrars for each subscription registered during a calendar quarter during which registrars demonstrate they have made reasonable efforts to fulfill this objective.
- Rebates will be paid to all qualifying registrars as follows, regardless of a registrar's individual volume:
 - For each subscription registered up to the first 250,000 aggregate subscriptions:
 - \$7
 - For each subscription registered after the first 250,000 aggregate subscriptions:
 - \$11
- Rebates will be paid 60 days after the end of the applicable calendar quarter.
- VGRS, registrars and ICANN will agree to what constitutes reasonable efforts to qualify for this rebate.

This rebate price break point has been chosen for the following primary reasons:

- VGRS must recoup costs associated with securing and maintaining partners and licenses to offer WLS.
- VGRS must recoup its costs of developing, implementing, and maintaining the technology and resulting WLS.
- VGRS envisions making a reasonable profit on providing the service.
- As further detailed in the market rationale section below, a service similar but inferior to WLS currently retails for \$69. The rate of uptake on the service by registrars and subscribers is increasing even at this current \$69 retail price. We envision that customers will be willing to pay a higher price for a greater success rate (100%) offered by VGRS' WLS as compared to the current estimated success rate of 70%. When a domain name registration is deleted within the SRS, WLS guarantees success.
- VGRS believes that because the WLS could be abused by speculators, the price point should be set high enough so as not to encourage abusive speculation of WLS subscriptions.
- Starting off with a higher price point allows VGRS to have better chances of recovering development and implementation costs should overall subscription volume be low and/or should the service not be continued beyond the 12-month trial period.
- Because VGRS has no direct contact with potential registrants or potential WLS subscribers, it must rely on registrars to effectively educate end-users of the service. Giving rebates is a way that VGRS can encourage that consumers are well informed about the service they might consider purchasing.

****NOTE:** Unlike the system registrars are familiar with in registering domain names, the WLS will not debit a registrar's VGRS credit balance as subscriptions are entered into the WLS. However, the service agreement between VGRS and each registrar will provide for the current registrar payment security vehicle to be used by VGRS to recover lost funds in the unlikely event of a registrar payment default related to WLS subscriptions.

6. Effects on Interested Parties

- a. Effect on registries:
 - i) New service to offer to registrars.
 - ii) New revenue stream that will support the investment costs.
 - iii) Reduction in system usage for constant checks for the target name once a WLS subscription is placed.
 - iv) Elimination of many desired domain name registrations from the speculator market so that the current excessive demand on operational resources is reduced and system access is maintained at a much more reasonable level.
- b. Effect on registrars:
 - i) New service to offer to customers.
 - ii) New revenue stream.
 - iii) Reduction of registrar system usage for constant checks once a subscription is placed.
 - iv) Ensures a fair playing field / equivalent access for all registrars, regardless of their market or technological advantage.
- c. Effect on resellers. All effects on registrars will flow down to resellers.
- d. Effect on registrants:
 - i) Current domain name registrations will not be affected in any way. A registrant will remain the registrant of its domain name indefinitely so long as it continues to meet the requirements of its chosen registrar.
 - ii) A WLS subscription will only kick in when a name is finally deleted.
 - iii) A registrant's "rights" to its registered domain name registration service will not be affected in any way.
 - iv) Registrants may still transfer or otherwise make their registered domain names available in the secondary market (i.e., "auctions," person to person transactions, etc.).
 - v) No restrictions on registrants placing a subscription on their own domain name registrations if they wish.
 - vi) Subscriptions will be processed on a first-come, first-served basis.
- e. Effect on intellectual property owners:
 - i) Same effect as on registrants, as above
 - ii) No negative effect on IP owners.
 - iii) Provides a low cost alternative to the current UDRP or other dispute mechanisms for IP owners who choose to wait out a current domain name registration. This could be likely in the event that a domain name registrant is not using a current registration in commerce or for other activities.

7. Market Potential and Rationale

As the primary market for domain name registrations in all Top-Level Domains (TLDs) approaches maturity, commercial market participants (i.e., registries, registrars, and resellers) are evaluating ways to continue commercial viability and growth in their core businesses. Adding services complementary to domain name registration services, which will be available to all

ICANN-accredited registrars and which will meet consumer (*i.e.*, registrant) demand, is one important way to accomplish these goals.

Historically, and as is evident by the current number of domain name “checks” processed at the registry level each and every day (roughly 80-100 million checks per day, or over 95% of all transactions per day), registrants clearly have been and continue to look for ways to “get in line” for a domain name when it becomes available. Moreover, the rate of increase for “check” commands continues to grow each and every month. Many interested parties, including applicants, wish to monitor current domain name registrations for various reasons (*e.g.*, trademark concerns) without having to continually query registrar and registry systems or to monitor outdated WHOIS information. Due to system constraints and desired efficiencies through out the registration system, all parties will benefit from this new, ordered approach to handling “recycled” domain name registrations, which does not favor speculators and robotic systems. VGRS believes WLS will address these needs and market demands of both industry and consumers.

Such a service is currently offered by a private industry player, SnapNames, albeit with a much lower efficacy rate than that of WLS offered by VGRS. Nonetheless, SnapNames’ success thus far, coupled with other demand indicators, speaks to a large applicant market awaiting WLS. It is reasonable to assume that the industry could eventually realize a penetration of at least five (5%) for WLS across the entire base of the current domain names registered. This rather large market offers a substantial up-side opportunity for registrars and resellers and provides a clearly defined, easy to use service for consumers.