.net

Registry Operator's Monthly Report
.NET

December 2012

Prepared: 18 January 2013

VERISIGN™

12061 Bluemont Way
Reston, VA 20190

As required by the ICANN/Verisign .net Registry Agreement (Section 3.1(c)(iv)), this report provides an overview of Verisign Registry activity through the end of the reporting month. The information is primarily presented in table and chart format with text explanations as deemed necessary. **The information is provided to satisfy requirements listed in Appendix 4 of the .net Registry Agreement.** Pursuant to the agreements, "ICANN shall use reasonable commercial efforts to preserve the confidentiality of the information reported until three months after the end of the month to which the report relates."

Information is organized as follows:

1. Accredited Registrar Status (Appendix 4, Item 1)

Table 1 displays the current number and status of the ICANN accredited registrars. The registrars are grouped into three categories:

1. **Operational Registrars:** Those who have authorized access into the Shared Registration System (SRS) for processing domain name registrations.
2. **Registrars In The Ramp-Up Period:** Those who have received a password to access the Registry operational test and evaluation (OT&E) environment. The OT&E environment is provided to allow registrars to develop and test their systems with the SRS.
3. **Registrars In The Pre-Ramp-Up Period:** Those who have been sent a welcome letter from the Verisign Registry but have not yet executed the Registry Registrar Agreements and/or have not yet submitted a completed Registrar Information Sheet. In most cases registrars are sent welcome letters via overnight express mail or e-mail on the same day accreditation notification is received from ICANN.

Table 1 – Accredited Registrar Status – December 2012

Status	# of NET Registrars
Operational Registrars	967
Registrars In Ramp-Up Period	17
Registrars In Pre-Ramp-Up Period	36
Total	**1,020**

2. Service Level Agreement Performance (Appendix 4, Item 2)

Table 2 compares Service Level Agreement (SLA) Requirements with Actual Performance for the reporting month. As required by the ICANN/Verisign .net Registry Agreement (Section 3.1(d)(ii)), the Verisign Registry is committed to provide service levels as specified in Appendix 7 of the .net Registry Agreement and to comply with the requirements of the SLA in Appendix 10 of the .net Registry Agreement. The SLAs are incorporated into the Verisign Registry Registrar Agreements that are executed with all operational registrars.

Table 2 – .net Service Level Agreement Performance – December 2012

Metric	.net SLA Requirement	Actual Performance
Service Availability		
SRS	99.99% Year	100%
	30 Minutes/Month (Unplanned)	0 Minutes (Unplanned)
DNS Name Server	100% / Month	100%
Whois	100% / Month	100%
Planned Outage Duration		
SRS – Regular	45 Minutes / Month	0 hours 21 minutes

Metric	.net SLA Requirement	Actual Performance
SRS - Extended	4 Hours (240 Minutes) / 1 Per Year	0 hours 0 minutes
SRS - Extended	8 Hours (480 Minutes) / 1 Every 3 Years	0 Minutes
DNS Name Server	Not Allowed	0 Minutes
Whois	Not Allowed	0 Minutes
Planned Outage Timeframe		
SRS	0100 – 0900 UTC Sunday	0100 – 0121 UTC Sunday 12/16/2012
DNS Name Server	Not Allowed	Not Applicable
Whois	Not Allowed	Not Applicable
Planned Outage Notification		
SRS	30 Days General Maintenance	11/15/2012
SRS	90 Days Updates and Upgrades	Not Applicable
DNS Name Server	Not Allowed	Not Applicable
Whois	Not Allowed	Not Applicable
Processing Time		
Check Domain Average	25 milliseconds for 95%	1.51 milliseconds
Add / Create Domain Average	50 milliseconds for 95%	1.34 milliseconds
Delete Domain Average	100 milliseconds for 95%	21.61 milliseconds
Modify / Update Domain Average	100 milliseconds for 95%	20.77 milliseconds
Whois Query	5 milliseconds for 95%	0.31 milliseconds
DNS Name Server Resolution	100 milliseconds for 95%	1.05 milliseconds
Update Frequency		
DNS Name Server	3 Minutes for 95%	23.2 seconds
Whois	3 Minutes for 95%	35.4 seconds

3. TLD Zone File Access Activity (Appendix 4, Item 3)

Table 3 summarizes the zone file access activity for the current reporting month. As required by the ICANN/Verisign .net Registry Agreement (Section 3.1(c)(iii)), the Verisign Registry provides third parties bulk access to the zone files for the .net TLD.

Table 3 – TLD Zone File Access Activity – December 2012

	Number
Total Zone File Access Passwords (End Of Previous Month)	552
New Zone File Access Passwords Issued During December	11
Total Zone File Access Passwords (End Of December)	563

4. Completed System Software Releases (Appendix 4, Item 4)

Table 4 shows significant release(s) that occurred during the reporting month, as well as other relevant information. The Verisign Registry Shared Registration System (SRS) is continually being improved to better meet the needs of accredited registrars.

Table 4 – Completed Shared Registration System Releases

Release Name	Features	Completion Date
N/A	N/A	N/A

5. Whois Service Activity[1] (Appendix 4, Item 5)

Table 5 shows the number of Whois queries during the reporting month separated by service. The "Web-based Whois" column depicts ACTUAL numbers where all other categories are shown in millions.

Table 5 – Total "Whois" Queries

Mo/Yr	In Millions		Web-based Whois
	Total Queries	Whois Port-43	
Dec-12	725.1	725.1	17,598.0

6. Total Number of Transactions by Subcategory[2] (Appendix 4, Item 6)

Table 6.1 shows the number of domain name 'write' transactions in subcategories and the number of check transactions. The "Restore" column depicts ACTUAL numbers where all other categories are shown in millions. **Table 6.2** shows the number of name server "write" transactions by subcategory.

Table 6.1 – Total Domain Name Transactions by Subcategory

Mo/Yr	In Millions							Restore
	Total Write	Add	Delete	Modify	Renew	Trans[3]	Check	
Dec-12	136.4	130.6	0.4	4.8	0.5	0.1	196.2	4,598.0

---

[1] *Effective 1 December 2012, the format of this table has been changed to meet the updated reporting requirements of the .net registry agreement.*
[2] *See footnote #1. Includes tables 6.1 and 6.2.*
[3] *Effective 1 December 2012, the transfer column no longer includes transfer queries, successful or failed.*

Table 6.2 – Total Name Server Write Transactions by Subcategory (millions)

Mo/Yr	Total	Add	Delete	Modify
Dec-12	0.12	0.07	0.02	0.04

7. Daily Transaction Range[4] (millions) (Appendix 4, Item 7)

Table 7 –Daily Transaction Range

Mo/Yr	Total Transactions	Daily Max	Daily Min	Daily Avg
Dec-12	365.7	25.4	8.3	11.8

7(B). Per-Registrar Activity Report (Appendix 4, Item 7B)

The table below defines the fields that are included in the .net Per-Registrar Activity Report, which is provided monthly under separate cover.

Field Name	Notes
registrar-name	Registrar's Full Corporate Name As Registered with IANA
iana-id	http://www.iana.org/assignments/registrar-ids
total-domains	Total domains under sponsorship
total-nameservers	Total Name Servers Registered
net-adds-1-yr	number of domains successfully registered with an initial term of one year (and not deleted within the add grace period)
net-adds-2-yr	Number of domains successfully registered with an initial term of two years (and not deleted within the add grace period)
net-adds-3-yr	Number of domains successfully registered with an initial term of three years (and not deleted within the add grace period)
net-adds-4-yr	Number of domains successfully registered with an initial term of four years (and not deleted within the add grace period)
net-adds-5-yr	Number of domains successfully registered with an initial term of five years (and not deleted within the add grace period)
net-adds-6-yr	Number of domains successfully registered with an initial term of six years (and not deleted within the add grace period)
net-adds-7-yr	Number of domains successfully registered with an initial term of seven years (and not deleted within the add grace period)
net-adds-8-yr	Number of domains successfully registered with an initial term of eight years (and not deleted within the add grace period)
net-adds-9-yr	Number of domains successfully registered with an initial term of nine years (and not deleted within the add grace period)
net-adds-10-yr	Number of domains successfully registered with an initial term of ten years (and not deleted within the add grace period)
net-renews-1-yr	Domains renewed either automatically or by command (and not deleted with the renew grace period)
net-renews-2-yr	Number of domains successfully renewed with a renewal period of two years (and not deleted within the renew grace period)
net-renews-3-yr	Number of domains successfully renewed with a new renewal period of

---

[4] Effective 1 December 2012, the format of this table has been changed to meet the updated reporting requirements of the .net registry agreement.

Field Name	Notes
	three years (and not deleted within the renew grace period)
net-renews-4-yr	Number of domains successfully renewed with a new renewal period of four years (and not deleted within the renew grace period)
net-renews-5-yr	Number of domains successfully renewed with a new renewal period of five years (and not deleted within the renew grace period)
net-renews-6-yr	Number of domains successfully renewed with a new renewal period of six years (and not deleted within the renew grace period)
net-renews-7-yr	Number of domains successfully renewed with a new renewal period of seven years (and not deleted within the renew grace period)
net-renews-8-yr	Number of domains successfully renewed with a new renewal period of eight years (and not deleted within the renew grace period)
net-renews-9-yr	Number of domains successfully renewed with a new renewal period of nine years (and not deleted within the renew grace period)
net-renews-10-yr	Number of domains successfully renewed with a new renewal period of ten years (and not deleted within the renew grace period)
transfer-gaining-successful	Transfers initiated by this registrar that were ack'd by the other registrar-either by command or automatically
transfer-gaining-nacked	Transfers initiated by this registrar that were n'acked by the other registrar
transfer-losing-successful	Transfers initiated by another registrar that this registrar ack'd-either by command or automatically
transfer-losing-nacked	Transfers initiated by another registrar that this registrar n'acked
transfer-disputed-won	Number of transfer disputes in which this registrar prevailed
transfer-disputed-lost	Number of transfer disputes this registrar lost
transfer-disputed-nodecision	Number of transfer disputes involving this registrar with a split or no decision
deleted-domains-grace	Domains deleted within the add grace period
deleted-domains-nograce	Domains deleted outside the add grace period
restored-domains	Domain names restored from redemption period
restored-noreport	Total number of restored names for which the registrar failed to submit a restore report
agp-exemption-requests	Number of AGP policy exemption requests received during the reporting month against deletion activity occurring in the prior month
agp-exemptions-granted	Number of AGP policy exemption requests granted during the reporting month
agp-exempted-domains	Number of domain names included in AGP policy exemption requests granted during the reporting month
attempted-adds	Number of attempted (successful and failed) domain name create commands