

.COM Agreement Appendix 5 Whois Specifications

Public Whois Specification

Registry Operator's Whois service is the authoritative Whois service for all second-level Internet domain names registered in the .com top-level domain and for all hosts registered using these names. This service is available to anyone. It is available via port 43 access and via links at the Registry Operator's web site. It is updated daily.

To use Registry Whois via port 43 enter the applicable parameter on the command line as illustrated below:

- For a domain name: whois "domain verisign.com"
- For a registrar name: whois "registrar Go Daddy Software, Inc."
- For a nameserver: whois "DNS3.REGISTER.COM" or whois "nameserver 216.21.234.72"

By default, Whois performs a very broad search, looking in all record types for matches to your query in these fields: domain name, nameserver name, nameserver IP address, and registrar names. Use keywords to narrow the search (for example, 'domain root'). Specify only part of the search string to perform a "partial" search on domain. Every domain starting with the string will be found. A trailing dot (or dots) after your text or the partial keyword indicates a partial search. For example, entering 'mack.' will find "Mack", "Mackall", "Mackay", and so on.

To use Registry Whois using the web interface:

- Go to www.verisign-grs.com
- Click on the appropriate button ("domain," "registrar" or "nameserver")
- Enter the applicable parameter:
 - Domain name including the TLD (e.g., [verisign-grs.com](http://www.verisign-grs.com))
 - Full name of the registrar including punctuation, "Inc.", etc. (e.g., America Online, Inc.)
 - Full host name or the IP address (e.g., ns1.crsnic.net or 198.41.3.39)
- Click on the "submit" button.

For all registered second-level domain names in .com, information as illustrated in the following example is displayed, where the entry parameter is the domain name (including the TLD):

Domain Name: VERISIGN-GRS.COM
Registrar: NETWORK SOLUTIONS, LLC.

Whois Server: whois.networksolutions.com
Referral URL: http://www.networksolutions.com
Name Server: NS1.CRSNIC.NET
Name Server: NS2.NSIREGISTRY.NET
Name Server: NS3.VERISIGN-GRS.NET
Name Server: NS4.VERISIGN-GRS.NET
Status: REGISTRAR-LOCK
Updated Date: 20-oct-2004
Creation Date: 08-sep-2000
Expiration Date: 08-sep-2008

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For all ICANN-accredited registrars who are authorized to register .com second-level domain names through Registry Operator, information as illustrated in the following example is displayed, where the entry parameter is the full name of the registrar (including punctuation, "Inc.", etc.):

Registrar Name: SAMPLE REGISTRAR, INC. DBA SAMPLE NAMES
Address: 1234 Any Way, Anytown, VA 20153, US
Phone Number: 703-555-5555
Email: registrar-agent@samplenames.net
Whois Server: whois.registrar.samplenames.com
Referral URL: www.registrar.samplenames.com
Admin Contact: Jane Doe
Phone Number: 703-555-5556
Email: janedoe@samplenames.com
Admin Contact: John Smith
Phone Number: 703-555-5557
Email: johnsmith@samplenames.com
Admin Contact: Domain Name Administrator
Phone Number: 703-555-5558
Email: dns-eng@samplenames.com
Billing Contact: Petranella Jones
Phone Number: 703-555-5559
Email: pjones@samplenames.com
Technical Contact: Harry Nerd
Phone Number: 703 555-6000
Email: harrynerd@samplenames.com
Technical Contact: Harry Nerd II
Phone Number: 703-555-6001
Email: harrynerd@samplenames.com

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For all hosts registered using second-level domain names in .com, information as illustrated in the following example is displayed, where the entry parameter is either the full host name or the IP address:

Server Name: DNS.MOMINC.COM
IP Address: 209.143.112.34
Registrar: BULKREGISTER, LLC.
Whois Server: whois.bulkregister.com
Referral URL: http://www.bulkregister.com

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Whois Provider Data Specification

Registry Operator shall provide bulk access to up-to-date data concerning domain name and nameserver registrations maintained by Registry Operator in connection with the Registry TLD on a daily schedule, only for purposes of providing free public query-based access to up-to-date data concerning domain name and nameserver registrations in multiple TLDs, to a party designated from time to time in writing by ICANN. The specification of the content and format of this data, and the procedures for providing access, shall be as stated below, until changed according to the Registry Agreement.

Content

The data shall be provided in three files:

A. *Domain file*. One file shall be provided reporting on the domains sponsored by all registrars. For each domain, the file shall give the domainname, servername for each nameserver, registrarid, and updateddate.

B. *Nameserver file*. One file shall be provided reporting on the nameservers sponsored by all registrars. For each registered nameserver, the file shall give the servername, each ipaddress, registrarid, and updateddate.

C. *Registrar file*. A single file shall be provided reporting on the registrars sponsoring registered domains and nameservers. For each registrar, the following data elements shall be given: registrarid, registrar address, registrar telephone number, registrar e-mail address, whois server, referral URL, updateddate and the name, telephone number, and e-mail address of all the registrar's administrative, billing, and technical contacts.

Format

The format for the above files shall be as specified by ICANN, after consultation with Registry Operator.

Procedures for Providing Access

The procedures for providing daily access shall be as mutually agreed by ICANN and Registry Operator. In the absence of an agreement, the files shall be provided by Registry Operator sending the files in encrypted form to the party designated by ICANN by Internet File Transfer Protocol.

Whois Data Specification – ICANN

Registry Operator shall provide bulk access by ICANN to up-to-date data concerning domain name and nameserver registrations maintained by Registry Operator in connection with the .com TLD on a daily schedule, only for purposes of verifying and ensuring the operational stability of Registry Services and the DNS.. The specification of the content and format of this data, and the procedures for providing access, shall be as stated below, until changed according to the Registry Agreement.

Content

The data shall be provided in three files:

A. *Domain file*. One file shall be provided reporting on the domains sponsored by all registrars. For each domain, the file shall give the domainname, servername for each nameserver, registrarid, and updateddate.

B. *Nameserver file*. One file shall be provided reporting on the nameservers sponsored by all registrars. For each registered nameserver, the file shall give the servername, each ipaddress, registrarid, and updateddate.

C. *Registrar file*. A single file shall be provided reporting on the registrars sponsoring registered domains and nameservers. For each registrar, the following data elements shall be given: registrarid, registrar address, registrar telephone number, registrar e-mail address, whois server, referral URL, updateddate and the name, telephone number, and e-mail address of all the registrar's administrative, billing, and technical contacts.

Format

The format for the above files shall be as specified by ICANN, after consultation with Registry Operator.

Procedures for Providing Access

The procedures for providing daily access shall be as mutually agreed by ICANN and Registry Operator. In the absence of an agreement, an up-to-date version (encrypted using a public key supplied by ICANN) of the files shall be placed at least once per day on a designated server and available for downloading by ICANN by Internet File Transfer Protocol.