

Appendix S — Part VI

Public WHOIS Specification

Subject to Registry Operator's compliance with this Sponsored TLD Registry Agreement, including all attachments and appendices thereto (the “Agreement”) and any Temporary Specifications or Policies or Consensus Policies as defined in the Agreement, and provided the scope of the Charter is not exceeded:

Registry Operator will implement the following Public WHOIS Specification:

A. Specification

Subject to any future policy regarding WHOIS data adopted by ICANN, domain name registrants will be required to provide correct and accurate contact information and, as permitted by applicable law, consent to selected information being made public for legitimate purposes.

Until a generally accepted specification replacing RFC 3912 is available, the Registry Operator will provide RFC 3912 compliant WHOIS service. The specification contained in this Part VI to Appendix S is subject to change by agreement of the Registry Operator and ICANN during the design process as well as during the IETF standards process. In addition, Registry Operator agrees to implement changes to this specification specified by ICANN to conform to IETF provreg working group's protocol specification no later than 135 days after the IETF specification is adopted as a Proposed Standard [RFC 2026, section 4.1.1].

B. Data Provided In Response to WHOIS Queries

With respect to the amount and type of domain name registrant data provided in response to queries of the WHOIS service by the general public, the WHOIS service will distinguish between domain name registrants that are companies, businesses, partnerships, non-profit entities, associations, or other types of legal constructs (“Legal Persons”), and domain name registrants that are human beings, perceptible through the senses and subject to physical laws (“Natural Persons”). Domain name registrants will be required to specify whether they qualify as Legal Persons or Natural Persons by clicking the appropriate box during the registration process.

1. WHOIS Data for Legal Persons

Full WHOIS data for domain name registrants that are Legal Persons will be available to the general public at no cost. Queries of the WHOIS service related to Legal Persons will always return full and complete standard WHOIS data, including applicable personal data such as Registrant ID, Registrant Name, Organization, Address (street, city, state, postal code, and country), Phone Number, Facsimile Number, and Email Address. Legal Persons will not be permitted to opt out of disclosing such information in response to queries submitted to the WHOIS service.

The Registry Operator reserves the right, however, to take any preventive action necessary to prohibit any requestor of WHOIS data from using the WHOIS service to collect WHOIS data on Legal Persons for marketing purposes, spamming, data-mining, or unlawful purposes.

For the fields returned in response to queries of the WHOIS service for Legal Persons, and an example of a returned record, please see the “**WHOIS Output Format Specification—Legal Persons**” section (D.1) below.

2. WHOIS Data for Natural Persons

Full WHOIS data for domain name registrants that are Natural Persons may or may not be available to the general public depending on whether the applicable domain name registrant elects to make his or her personal information available in response to queries of the WHOIS service.

Unlike Legal Persons, domain name registrants that are Natural Persons will be given the option to elect whether or not their personal information is disclosed by the WHOIS service in response to queries from the general public. The default option will be for all personal information to be disclosed by the WHOIS service. In order to override this default option, the domain name registrant that is a Natural Person will have to specifically elect not to have such personal information disclosed by clicking the appropriate box during the registration process.

a. Natural Persons Who Opt-In (Default Option)

For any domain name registrant that is a Natural Person and that does not elect to have his or her personal information withheld from disclosure by the WHOIS service, queries by the general public of the WHOIS service related to such Natural Person will return full and complete standard WHOIS data at no cost, including personal data such as Registrant ID, Registrant Name, Organization, Address (street, city, state, postal code, and country), Phone Number, Facsimile Number, and Email Address.

The Registry Operator reserves the right to take any preventive action necessary to prohibit any requestor of WHOIS data from using the WHOIS service to collect WHOIS data on Natural Persons for marketing purposes, spamming, data-mining, or unlawful purposes.

For the fields returned in response to queries of the WHOIS service for Natural Persons that opt-in to full disclosure (or that do not elect to change the default setting), and an example of a returned record, please see the “**WHOIS Output Format Specification—Natural Persons (Opt-In)**” section (D.2) below.

B. Natural Persons Who Opt-Out

If a domain name registrant that is a Natural Person elects to withhold his or her personal information from disclosure by the WHOIS service, queries by the general public of the WHOIS service related to such Natural Person will return only limited WHOIS data, including Domain Name, Domain ID, Sponsoring Registrar, Sponsoring Registrar IANA ID, Domain Status, Registrant ID, Registrant Name, Name Server, created by registrar, last updated by registrar, domain registration date, domain expiration date, and domain last updated date. No personal information relating to the domain name registrant will be available through the WHOIS service for Natural Persons who have opted-out of disclosing such personal information.

Instead of such personal information, requestors of WHOIS data on such Natural Persons will be informed that the Natural Person has elected to withhold certain personal information from disclosure by the WHOIS service, and will be provided with a link to the Registry Operator's Special Access Service. Through this Special Access Service, requestors will be able to obtain secure access to the personal information of Natural Persons who have opted not to disclose such information in the public WHOIS service. However such requestors must be able to demonstrate a legitimate need for access to such personal information—see the “**Special Access Service**” section (B.3) below.

The Registry Operator reserves the right to take any preventive action necessary to prohibit any requestor of WHOIS data from using the WHOIS service to collect WHOIS data on Natural Persons for marketing purposes, spamming, data-mining, or unlawful purposes.

For the fields returned in response to queries of the WHOIS service for Natural Persons that opt-out of full disclosure, and an example of a returned record, please see the “**WHOIS Output Format Specification—Natural Persons (Opt-Out)**” section (D.3) below.

3. Special Access Service

As described above, the WHOIS service will provide a link to the Special Access Service in response to queries for WHOIS data on Natural Persons that have opted not to disclose personal information. The Special Access Service will be a secure website operated by the Registry Operator through which requestors can obtain such personal information that has not been disclosed within the WHOIS service.

Requestors with a legitimate need to access undisclosed personal information of domain name registrants that are Natural Persons will be able to obtain such access, under certain terms and conditions. A Requestor will only be required to complete the online form described below in “*Initial Sign-Up and Activation*” upon initial use of the Special Access Service. Requestors will be permitted to complete this online sign-up and activation form at any time after the WHOIS service has been made available to the public. Each subsequent time that a requestor needs to use the Special Access Service, they will only need to follow the procedure described below in “*Online Use of Special Access Service.*”

a. *Initial Sign-Up and Activation*

Before using the Special Access Service for the first time, a requestor must complete the online sign-up and activation process described below. A requestor will only be required to complete this step upon initial use of the Special Access Service. There will be no charge for this online sign-up and activation process.

The WHOIS service will direct the requestor to a secure online sign-up page for the Special Access Service. The requestor will be required to submit their Company Name, Contact Name, Address (street address, city, state, postal code, and country), Email Address and Telephone Number. To confirm that the requestor is a verifiable person or company a personal identification number and a URL link will be mailed or sent by courier to the postal address provided by the requestor.. The cost of such courier service will be at the requestor’s expense.

The link that was sent to the requestor will take them to a secure Special Access Service activation page. The requestor will then enter their personal identification number in order to activate their Special Access Service account. Upon activation, a user name and password will be sent to the email address provided by the requestor above. The user name and password provided to the requestor will be used to access the Special Access Service, subject to the terms and conditions being met for each new request.

b. *Online Use of Special Access Service*

After the requestor receives their user name and password via email, they will be able to consult the Special Access Service by using their user name and password to log into the Special Access Service.

After logging into the Special Access Service, the requestor will complete an information request form indicating the domain name about which additional information is requested, and they will be required to demonstrate a legitimate need to access this additional information by selecting the reason such access is requested from a drop down menu. If the appropriate reason is not listed in the drop down menu, the requestor must select “Other” and specify the reason. The requestor will also be required to agree (via a click through agreement) to accept the terms and conditions of access, which specify the following: (i) they have a legitimate reason for accessing the information, (ii) they will not use the data for marketing purposes, spamming, data-mining, or unlawful purposes, (iii) they will not share information derived from the Special Access Service with any individual or entity that is not bound by the terms of the Special Access Service, (iv) they will not share their user name and password with any unauthorised third parties, (v) they understand and acknowledge that they will be accessing personal information, and (vi) they understand and acknowledge that the Registry Operator records information about all searches of the Special Access Service (including the reason for such search).

To prevent data-mining and other forms of bulk data access, each Special Access Service request will be limited to five (5) queries per twenty four (24) hours.

The Registry Operator reserves the right to revoke any requestor’s right to use the Special Access Service or to take any other preventive action necessary to prohibit any requestor from using the Special Access Service to collect data on Natural Persons for marketing purposes, spamming, data-mining, or unlawful purposes.

For the fields returned in response to queries of the Special Access Service for Natural Persons that opt-out of full disclosure, and an example of a returned record, please see the “**Output Format Specification—Special Access Service**” section (D.4) below.

C. Additional Fields Capability

If necessary, the Registry Operator may introduce additional fields to the list of WHOIS fields described in this document. Those fields will be preceded and identified by appropriate tags.

By default, the WHOIS service searches for domain names. By using the following keywords, the search type can be determined:

Keywords (case insensitive)	Type
do, domain	Search for domain objects. Only the “Domain Name” field is used
ho, host	Search only by name server objects. The input string is matched against “Host Name” or the “Host ID” field contents
Contact	Search for contact objects in the “Contact ID” field
Registrar	Search for registrar objects in the “Registrar ID” or “Registrar Organization” field
ap, application	Search for an application object (i.e. for requests during the sunrise period). Input string is matched against the “Domain Name” or “Application ID” fields.

In addition, further restriction on the search can be requested by including the following keyword in the query:

Keywords (case insensitive)	Option
Id	Search is performed in the respective ID field

Finally, the degree of detail shown in the response can be controlled by the following keywords:

Keywords (case insensitive)	Option
=, full	Always return the complete data, even if multiple entries are found
sum, summary	Always return summarized data, even if only a single entry is found

The last token in the input is taken as the search parameter.

If the search parameter is “help” and no object type is given, no search is performed, but a short summary about the input format is returned.

D. Output Format Specification

All lines in the response data are terminated by CR/LF pairs. Lines that contain comments, legal notes or similar, start with a percent sign (%). If the output consists of multiple objects, they are separated by at least one empty line. The objects themselves (including the related sub objects, like referenced contacts of a domain) do not contain empty lines. If no objects match the search query, “NOT FOUND” is returned. The object data is composed of multiple key-value lines. Key and value of a key-value pair are separated by a colon (:). The key may contain space characters.

Example:

```
Domain Name: example.tel
Name Server: blue.example.tel 192.0.2.1
Name Server: red.example.tel 192.0.2.2
```

The actual published data depends on the registry policy and, where appropriate, the Domain Owner’s disclosure settings. If data is not disclosed, the respective key-value pair is omitted. In contrast, empty fields (like the organization in the given example), are included. This allows the client to differentiate between the two cases.

Depending on the query and options, either a long or short format is produced.

1. WHOIS Output Format Specification—Legal Persons

Domain ID: D38482
Domain Name: example.tel
Sponsoring Registrar: ANOTHER REGISTRAR LTD
Sponsoring Registrar IANA ID: 2334
Domain Status: clientTransferProhibited
Domain Status: clientUpdateProhibited
Registrant ID: C343238
Registrant Name: Sams Flowers Limited
Registrant Organization: CORE Sams Flowers Limited
Registrant Street: 9 Wilfred Street
Registrant City: London
Registrant State/Province: London
Registrant Postal Code: SW1E 6PL
Registrant Country: United Kingdom
Registrant Country Code: UK
Registrant Phone: +442078280000
Registrant Email: info@samsflowers1234.com
Administrative Contact ID: C343238
Administrative Contact Name: Sams Flowers Limited
Administrative Contact Organization: Sams Flowers Limited
Administrative Contact Address1: 9 Wilfred Street
Administrative Contact City: London
Administrative Contact State/Province: London
Administrative Contact Postal Code: SW1E 6PL
Administrative Contact Country: United Kingdom
Administrative Contact Country Code: UK
Administrative Contact Phone: +442078280000
Administrative Contact Email: info@samsflowers1234.com
Technical Contact ID: C343238
Technical Contact Name: Sams Flowers Limited
Technical Contact Organization: Sams Flowers Limited
Technical Contact Street: 9 Wilfred Street
Technical Contact City: London
Technical Contact State/Province: London
Technical Contact Postal Code: SW1E 6PL

Technical Contact Country: UK
Technical Contact Phone: +442078280000
Technical Contact Email: : info@samsflowers1234.com
Billing Contact ID: C343239
Billing Contact Name: Sams Flowers Limited
Billing Contact Organization: Sams Flowers Limited
Billing Contact Street: 9 Wilfred Street
Billing Contact City: London
Billing Contact State/Province: London
Billing Contact Postal Code: SW1E 6PL
Billing Contact Country: United Kingdom
Billing Contact Country Code: UK
Billing Contact Phone: +441632960502
Billing Email: info@samsflowers1234.com
Name Server: ns1.example.tel 172.16.1.1
Name Server: ns2.example.tel 172.16.1.2
Created by Registrar: ANOTHER REGISTRAR LTD
Last Updated by Registrar: ANOTHER REGISTRAR LTD
Last Transferred Date: Thu Mar 10 16:02:32 GMT 2005
Domain Registration Date: Wed Mar 27 00:01:00 GMT 2002
Domain Expiration Date: Wed Mar 26 23:59:59 GMT 2008
Domain Last Updated Date: Mon Feb 26 10:20:29 GMT 2007

Regarding the included contact data, see below also.

Host Data Format

Host ID: H38473

Host Name: ns3.example.tel

Registrar ID: IANA-15

Created On: 2001-07-23 17:53:02 GMT

Last Updated On: 2002-11-01 09:21:47 GMT

Status: ok

IP Address: 172.16.1.3

IP Address: 3FFE:3273:1002::FE99:3BC7

Contact Data Format

Contact ID: C394583

Status: ok

Name: Anthony John Hancock

Organization:

Street: 11 Railway Cuttings

Street: East Cheam

City: Sutton

State/Province: Surrey

Postal Code: CR10 1AA

Country: GB

Phone: +441632960501

Phone Ext:

Fax: +441632960502

Fax Ext:

Email: tony_hancock@example.tel

2. WHOIS Output Format Specification—Natural Persons (Opt-In)

Domain ID: D38482

Domain Name: example.tel

Registrar ID: IANA-15

Created On: 2001-07-23 17:53:02 GMT

Last Updated On: 2002-11-01 09:21:47 GMT

Expiration Date: 2005-07-23 17:53:02 GMT

Status: ok

Registrant ID: C343238

Registrant Name: John Q. Public

Registrant Organization: None

Registrant Street: 123 Example Street

Registrant City: Springfield

Registrant State/Province: Illinois

Registrant Postal Code: 12345

Registrant Country: United States

Registrant Country Code: US

Registrant Phone: +12125551212

Registrant Email: jqpublic@ispemailserviceprovider.com

Administrative Contact ID: C343238

Administrative Contact Name: John Q. Public

Administrative Contact Organization: None

Administrative Contact Street: 123 Example Street

Administrative Contact City: Springfield

Administrative Contact State/Province: Illinois

Administrative Contact Postal Code: 12345

Administrative Contact Country: United States

Administrative Contact Country Code: US

Administrative Contact Phone: +12125551212

Administrative Contact Email: jqpublic@ispemailserviceprovider.com

Technical Contact ID: C343238

Technical Contact Name: John Q. Public

Technical Contact Organization: None

Technical Contact Street: 123 Example Street

Technical Contact City: Springfield

Technical Contact State/Province: Illinois

Technical Contact Postal Code: 12345

Technical Contact Country: United States

Technical Contact Country Code: US
Technical Contact Phone: +12125551212
Technical Contact Email: jqpublic@ispemailserviceprovider.com
Billing Contact ID: C343238
Billing Contact Name: John Q. Public
Billing Contact Organization: None
Billing Contact Street: 123 Example Street
Billing Contact City: Springfield
Billing Contact State/Province: Illinois
Billing Contact Postal Code: 12345
Billing Contact Country: United States
Billing Contact Country Code: US
Billing Contact Phone: +12125551212
Billing Contact Email: jqpublic@ispemailserviceprovider.com
Name Server: ns1.example.tel 172.16.1.1
Name Server: ns2.example.tel 172.16.1.2

Regarding the included contact data, see below also.

Host Data Format

Host ID: H38473
Host Name: ns3.example.tel
Registrar ID: IANA-15
Created On: 2001-07-23 17:53:02 GMT
Last Updated On: 2002-11-01 09:21:47 GMT
Status: ok
IP Address: 172.16.1.3
IP Address: 3FFE:3273:1002::FE99:3BC7

Contact Data Format

Contact ID: C394583
Name: John Q. Public
Organization: None
Street: 123 Example Street
City: Springfield
State/Province: Illinois
Postal Code: 12345
Country: United States
Country Code: US

Phone: +12125551212

Email: jqpublic@ispemailserviceprovider.com

3. WHOIS Output Format Specification—Natural Persons (Opt-Out)

Domain Name: example.tel

Domain ID: D15658373

Sponsoring Registrar: ANOTHER REGISTRAR LTD

Sponsoring Registrar: IANA ID: 303

Domain Status: ok

Registrant Name: John Q. Private

Administrative/Billing/Technical Contact: The registrant is a non-trading individual who has opted to have their details omitted from the WHOIS service. Please see [http:// www.telnic.com/sas](http://www.telnic.com/sas) for more details.

Name Server: ns5.example.tel

Name Server: ns6.example.tel

Created by Registrar: DIRECT INFORMATION PVT LTD DBA PUBLICDOMAINREGISTRY.COM

Last Updated by Registrar: DIRECT INFORMATION PVT LTD DBA PUBLICDOMAINREGISTRY.COM

Domain Registration Date: Sun Dec 17 14:38:18 GMT 2006

Domain Expiration Date: Sun Dec 16 23:59:59 GMT 2007

Domain Last Updated Date: Sat Jul 21 07:03:18 GMT 2007

4. Output Format Specification—Special Access Service

Queries for data using the Special Access service will return results as per the Full Output specification for Opt-In Natural Persons, as shown in “**WHOIS Output Format Specification—Natural Persons (Opt-In)**” (D.2).

E. Application Format

During the Sunrise period, Telnic will provide a free, public, web-based service through its Validation Agent for checking the status of Sunrise applications.

F. Web WHOIS Service

The web WHOIS service shares the same functionality as the port 43 service, with the exception that the input is implemented by using the means of HTML, i.e. by text input fields, radio buttons and check boxes. The output format is the same as described above. It is included in the HTML page in a way that can easily be copied by common browsers. To support the input and output of non-US-ASCII characters, the service uses the UTF-8 encoding.

G. Matrix of WHOIS and Special Access Service Data Availability

The table below provides an overview of the data that will be available through the WHOIS and Special Access Service mechanisms. This table is provided for convenience only and is subject to the more detailed description of these mechanisms included in this Part VI of Appendix S.

WHOIS Field Name	Legal Person (Full WHOIS)	Natural Person (Opt-in WHOIS)	Natural Person (Opt-out WHOIS)	Special Access Service (Web)
Domain Name:	✓	✓	✓	✓
Domain ID:	✓	✓	✓	✓
Sponsoring Registrar:	✓	✓	✓	✓
Sponsoring Registrar IANA ID:	✓	✓	✓	✓
Domain Status:	✓	✓	✓	✓
Registrant ID:	✓	✓	✓	✓
Registrant Name:	✓	✓	✓	✓
Registrant Address1:	✓	✓	-	✓
Registrant City:	✓	✓	-	✓
Registrant State/Province:	✓	✓	-	✓
Registrant Postal Code:	✓	✓	-	✓
Registrant Country:	✓	✓	-	✓
Registrant Country Code:	✓	✓	-	✓
Registrant Phone Number:	✓	✓	-	✓
Registrant Email:	✓	✓	-	✓
Administrative Contact ID:	✓	✓	✓	✓
Administrative Contact Name:	✓	✓	✓	✓
Administrative Contact Address1:	✓	✓	-	✓
Administrative Contact City:	✓	✓	-	✓
Administrative Contact State/Province:	✓	✓	-	✓
Administrative Contact Postal Code:	✓	✓	-	✓
Administrative Contact Country:	✓	✓	-	✓
Administrative Contact Country Code:	✓	✓	-	✓
Administrative Contact Phone Number:	✓	✓	-	✓
Administrative Contact Email:	✓	✓	-	✓
Billing Contact ID:	✓	✓	✓	✓
Billing Contact Name:	✓	✓	✓	✓
Billing Contact Address1:	✓	✓	-	✓
Billing Contact City:	✓	✓	-	✓
Billing Contact State/Province:	✓	✓	-	✓
Billing Contact Postal Code:	✓	✓	-	✓
Billing Contact Country:	✓	✓	-	✓
Billing Contact Country Code:	✓	✓	-	✓

WHOIS Field Name	Legal Person (Full WHOIS)	Natural Person (Opt-in WHOIS)	Natural Person (Opt-out WHOIS)	Special Access Service (Web)
Billing Contact Phone Number:	✓	✓	-	✓
Billing Contact Email:	✓	✓	-	✓
Technical Contact ID:	✓	✓	✓	✓
Technical Contact Name:	✓	✓	✓	✓
Technical Contact Address1:	✓	✓	-	✓
Technical Contact City:	✓	✓	-	✓
Technical Contact State/Province:	✓	✓	-	✓
Technical Contact Postal Code:	✓	✓	-	✓
Technical Contact Country:	✓	✓	-	✓
Technical Contact Country Code:	✓	✓	-	✓
Technical Contact Phone Number:	✓	✓	-	✓
Technical Contact Email:	✓	✓	-	✓
Name Server:	✓	✓	✓	✓
Created by Registrar:	✓	✓	✓	✓
Last Updated by Registrar:	✓	✓	✓	✓
Domain Registration Date:	✓	✓	✓	✓
Domain Expiration Date:	✓	✓	✓	✓
Domain Last Updated Date:	✓	✓	✓	✓