Public Whois Specification

Subject to Registry's compliance with this .cat 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 will implement the following Public Whois Specification:

SPECIFICATION

Subject to any future policy regarding Whois data adopted by ICANN, domain name registrants will be required to provide correct 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 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 and ICANN during the design process as well as during the IETF standards process. However, the following provides the target architecture and initial functionality. In addition, Registry 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].

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 ("Individuals"). Domain name registrants will be required to specify whether they qualify as Legal Persons or Individuals 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 always be available to the general public. 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" below.

2. WHOIS Data for Individuals

Full WHOIS data for domain name registrants that are individuals 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 individuals 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 an individual will have to specifically elect not to have such personal information disclosed by clicking the appropriate box during the registration process.

3. Individuals Who Opt-In (Default Option)

For any domain name registrant that is an Individual 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 individual will return full and complete standard WHOIS data, 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 Individuals for marketing purposes, spamming, data-mining, or unlawful purposes. For the fields returned in response to queries of the WHOIS service for Individuals that opt-in to 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" section below.

4. Individuals Who Opt-Out

If a domain name registrant that is an Individual 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 individual will return only limited WHOIS data, including Domain Name, Domain ID, Sponsoring Registrar, Sponsoring Registrar IANA ID, Domain Status, Registrant ID, Name Server, created by registrar, last updated by registrar, domain registration date, domain expiration date, and domain last updated date. No personal information related to the domain name registrant will be available through the WHOIS service for individuals who have opted-out of disclosing their personal information.

Instead of such personal information, requestors of WHOIS data on Individuals will be informed that the registrant 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 Contact webform. Through this mechanism, requestors will be able to fulfill a webform. The content of this webform, including name of the requestor, and reason for the contact will be sent by the Registry Operator to the registrant's and administrative provided contact e-mail addresses.

For the fields returned in response to queries of the WHOIS service for Individuals that opt-out of full disclosure, and an example of a returned record, please see the "WHOIS Output Format Specification - Individuals (opt out)" section below.

5. Contact Webform

As described above, the WHOIS service will provide a link to the Contact webform in response to queries for WHOIS data on Individuals that have opted not to disclose personal information. The Registry will not store anything the requestors may introduce in such webform, retaining only the logs and the reports of success or failure of deliverance

The webform will allow the requestor to provide an e-mail address to be contacted, the reasons for contacting the registrant, and a free text field.

ADDITIONAL FIELDS CAPABILITY

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

INTERNATIONALIZED DATA

The Registry uses so-called "localized" address fields for contacts (see also RFC 3733). These fields may contain non-US-ASCII characters according to the IDN Table for Catalan Language (ca) that Registry will register with IANA upon signature of this Agreement. In order to support transmission of such characters, the system will provide an option specifying an alternative character set which should be used instead of the default US-ASCII character set.

INPUT FORMAT SPECIFICATION

The input to the Whois server consists of two parts: the options and the query itself.

The following options are available:

- the -C option allows to specify the character set for both input and output

If the -C option is specified, the Whois server expects a character set name as the next token. The name must correspond to one of the IANA character set names. Only a limited set of character sets is supported by the server. It can be determined with the HELP query described below. At least US-ASCII and UTF-8 are supported. If the specified character set is supported, the server tries to reinterpret the octet sequence that has been sent as input via this character set. If it succeeds, it continues processing, otherwise, an error response is generated. The use of this option does not guarantee in general that all characters that are intended to be sent to the client can properly be represented. If during the conversion of the output to the specified character set a character is found that cannot be represented, it is replaced with a question mark. In addition, a comment is added to the output that notifies the recipient of the response about this problem.

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

Keywords (case insensitive)	Type
do, domain	Search for domain objects. Either the "Domain Name", "Domain Name ACE" or "Domain ID" field is used
ho, host	Search for name server objects. Either the "Host Name", "Host Name ACE" or the "Host ID" field is used
Contact	Search for contact objects in the "Contact ID" field

ap, application	Search for an application object. Either the "Domain Name", "Domain Name ACE" or "Application ID" field is used. Only valid during the sunrise period.
Registrar	Search for registrar objects in the "Registrar ID" or "Registrar Organization" field

In addition, the following search options are available:

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

In general, domain names in the input are considered as being Internationalized Domain Names (IDNs, as defined in section 2, "Terminology", RFC 3490). By using the ace option, a given domain name is considered as being an ACE domain name. The use of the option does not have an influence on the response.

The output 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.

OUTPUT FORMAT SPECIFICATION

The results of the query are encoded using either the US-ASCII character set or, if a valid character set has been specified via the -C option, the selected character set. If the output contains characters for which no encoding does exist, it is handled in different ways depending on the location. For domain names, they are replaced with a question mark and a respective warning comment is added to the beginning of the output:

[Note: the following two warnings are provided as an example]

% WARNING: THIS RESPONSE IS NOT AUTHENTIC
%
% The selected character encoding "XXX" is not able to
% represent all characters in this output. Those
% characters that could not be represented have been
% replaced with "?". Please resubmit your query with a
% suitable character encoding in order to receive an
% authentic response.
%

Within contact fields, accented letters are replaced by their non-accented equivalent letters (which are part of the ASCII character set) and a respective warning comment is added to the beginning of the output:

% WARNING: THIS RESPONSE IS NOT AUTHENTIC
%
% The selected character encoding "XXX" is not able to
% represent all characters in this output. Those
% characters that could not be represented have been
% replaced with the unaccented ASCII equivalent. Please
% resubmit your query with a suitable character encoding
% in order to receive an authentic response.
%

If both cases appear, a suitable combined warning is generated. The different handling of characters that cannot be represented lies in the different importance of the correct spelling. While it is a common practice to remove accents from names and addresses in order to further process them in ASCII-only contexts, such a methodology is considered harmful regarding domain names. In this case it is better to produce an invalid domain name with question marks in it instead of a name that might be considered as the actual spelling.

All lines 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 subobjects, 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. For domain names that appear in the output, both the IDN version and the ACE version are supplied, even if the IDN consists of LDH characters only and is identical to the ACE representation. This applies to names of domains and hosts as well as name server references in domains. It does not apply to e-mail addresses (which contain domain names as part of the address) in the contact data.

Example:

```
...
Domain Name: fundació.cat
Domain Name ACE: xn--fundaci-r0a.cat
...
Name Server: blau.exemple.cat 192.0.2.1
Name Server: marró.exemple.cat 192.0.2.2
Name Server ACE: blau.exemple.cat 192.0.2.1
Name Server ACE: xn--marr-tqa.exemple.cat 192.0.2.2
...
```

Domain Data Format

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

Short format:

```
Domain ID: D38482
Domain Name: exemple.cat
Domain Name ACE: exemple.cat
```

Full Format:

```
Domain ID: D38482
Domain Name: exemple.cat
Variant Name: éxemple.cat
Variant Name: exemplè.cat
```

Domain Name ACE: exemple.cat
Variant Name ACE: xn--xemple-9ua.cat
Variant Name ACE: xn--exempl-8ua.cat
Domain Language: ca
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: CORE Internet Council Of Registrars
Registrant Organization: CORE Internet Council Of Registrars
Registrant Street: WTC II, 29 route de Pre-Bois
Registrant City: Geneva
Registrant State/Province: Geneva
Registrant Postal Code: 1215
Registrant Country: CH
Registrant Phone: +41.229295744
Registrant Phone Ext:
Registrant Fax: +41.229295745
Registrant Fax Ext:
Registrant Email: secretariat@corenic.org
Admin ID: C343238
Admin Name: CORE Internet Council Of Registrars
Admin Organization: CORE Internet Council Of Registrars
Admin Street: WTC II, 29 route de Pre-Bois
Admin City: Geneva
Admin State/Province: Geneva
Admin Postal Code: 1215
Admin Country: CH
Admin Phone: +41.229295744
Admin Phone Ext:
Admin Fax: +41.229295745
Admin Fax Ext:
Admin Email: secretariat@corenic.org
Tech ID: C343238
Tech Name: CORE Internet Council Of Registrars
Tech Organization: CORE Internet Council Of Registrars
Tech Street: WTC II, 29 route de Pre-Bois
Tech City: Geneva
Tech State/Province: Geneva
Tech Postal Code: 1215
Tech Country: CH
Tech Phone: +41.229295744
Tech Phone Ext:
Tech Fax: +41.229295745
Tech Fax Ext:
Tech Email: secretariat@corenic.org
Billing ID: C343238
Billing Name: CORE Internet Council Of Registrars
Billing Organization: CORE Internet Council Of Registrars
Billing Street: WTC II, 29 route de Pre-Bois
Billing City: Geneva
Billing State/Province: Geneva
Billing Postal Code: 1215
Billing Country: CH

Billing Phone: +41.229295744
Billing Phone Ext:
Billing Fax: +41.229295745
Billing Fax Ext:
Billing Email: secretariat@corenic.org
Name Server: ns1.exemple.cat 192.0.2.1
Name Server: ns2.exemple.cat 192.0.2.2
Name Server ACE: ns1.exemple.cat 192.0.2.1
Name Server ACE: ns2.exemple.cat 192.0.2.2

Regarding the included contact data, see below also.

Host Data Format

Short Format:

Host ID: H38473
Host Name: ns3.exemple.cat
Host Name ACE: ns3.exemple.cat

Full format:

Host ID: H38473
Host Name: ns3.exemple.cat
Host Name ACE: ns3.exemple.cat
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: 192.0.2.3
IP Address: 3FFE:3273:1002::FE99:3BC7

Contact Data Format

Short format:

Contact ID: C394583
Name: Núria Ferrer i Puig

Full format:

Contact ID: C394583
Status: ok
Name: Núria Ferrer i Puig
Organization:
Street: Plaça de l'Església, 1
City: Castelló d'Empúries
State/Province: Catalunya
Postal Code: 17486
Country: ES
Phone: +34.123456789
Phone Ext:
Fax: +34.987654321

Fax Ext:
Email: nuria.ferrer@exemple.cat

The actual published data depends on the registry policy and the contact's disclosure settings (see RFC 3733). 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.

Application Format

During the Sunrise period, the Whois is enabled to return information about pending applications. Since multiple applications may be possible for a single domain name, a query using a domain name may return more than one record. Similar to the wild card search, the short report format is used by default if more than one record is found.

Short Format:

Application ID: A38482
Domain Name: exemple.cat
Domain Name ACE: exemple.cat
Name: Núria Ferrer i Puig
Organization:

Full format:

Application ID: A38482
Domain Name: exemple.cat
Variant Name: éxemple.cat
Variant Name: exemplè.cat
Domain Name ACE: exemple.cat
Variant Name ACE: xn--xemple-9ua.cat
Variant Name ACE: xn--exampl-8ua.cat
Domain Language: ca
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: pending
Registrant ID: C343238
Registrant Name: CORE Internet Council Of Registrars
Registrant Organization: CORE Internet Council Of Registrars
Registrant Street: WTC II, 29 route de Pre-Bois
Registrant City: Geneva
Registrant State/Province: Geneva
Registrant Postal Code: 1215
Registrant Country: CH
Registrant Phone: +41.229295744
Registrant Phone Ext:
Registrant Fax: +41.229295745
Registrant Fax Ext:
Registrant Email: secretariat@corenic.org
Admin ID: C343238
Admin Name: CORE Internet Council Of Registrars
Admin Organization: CORE Internet Council Of Registrars

Admin Street: WTC II, 29 route de Pre-Bois
Admin City: Geneva
Admin State/Province: Geneva
Admin Postal Code: 1215
Admin Country: CH
Admin Phone: +41.229295744
Admin Phone Ext:
Admin Fax: +41.229295745
Admin Fax Ext:
Admin Email: secretariat@corenic.org
Tech ID: C343238
Tech Name: CORE Internet Council Of Registrars
Tech Organization: CORE Internet Council Of Registrars
Tech Street: WTC II, 29 route de Pre-Bois
Tech City: Geneva
Tech State/Province: Geneva
Tech Postal Code: 1215
Tech Country: CH
Tech Phone: +41.229295744
Tech Phone Ext:
Tech Fax: +41.229295745
Tech Fax Ext:
Tech Email: secretariat@corenic.org
Billing ID: C343238
Billing Name: CORE Internet Council Of Registrars
Billing Organization: CORE Internet Council Of Registrars
Billing Street: WTC II, 29 route de Pre-Bois
Billing City: Geneva
Billing State/Province: Geneva
Billing Postal Code: 1215
Billing Country: CH
Billing Phone: +41.229295744
Billing Phone Ext:
Billing Fax: +41.229295745
Billing Fax Ext:
Billing Email: secretariat@corenic.org
Name Server: ns1.exemple.cat 192.0.2.1
Name Server: ns2.exemple.cat 192.0.2.2
Name Server ACE: ns1.exemple.cat 192.0.2.1
Name Server ACE: ns2.exemple.cat 192.0.2.2

Registrar Data Format

Registrar ID: IANA-15
Status: ok
Organization: CORE Internet Council Of Registrars
Street: WTC II, 29 route de Pre-Bois
City: Geneva
State/Province: Geneva
Postal Code: 1215
Country: CH
Phone: +41.229295744
Phone Ext:
Fax: +41.229295745
Fax Ext:

Email: secretariat@corenic.org
Whois Server: whois.core.info
URL: http://www.corenic.net

For ICANN-accredited registrars, the registrar ID is composed of the prefix "IANA-" and the registrar ID as specified in the registrar list maintained by IANA (http://www.iana.org/assignments/registrar-ids). Other administrative accounts operated by the registry use a different prefix.

WHOIS Output Format Specification—Individuals (Opt-Out)

% puntCAT Whois Server Copyright (C) 2007 Fundacio puntCAT
%
% NOTICE: Access to puntCAT Whois information is provided to assist in
% determining the contents of an object name registration record in the
% puntCAT database. The data in this record is provided by puntCAT for
% informational purposes only, and puntCAT does not guarantee its
% accuracy. This service is intended only for query-based access. You
% agree that you will use this data only for lawful purposes and that,
% under no circumstances will you use this data to: (a) allow, enable,
% or otherwise support the transmission by e-mail, telephone or
% facsimile of unsolicited, commercial advertising or solicitations; or
% (b) enable automated, electronic processes that send queries or data
% to the systems of puntCAT or registry operators, except as reasonably
% necessary to register object names or modify existing registrations.
% All rights reserved. puntCAT reserves the right to modify these terms at
% any time. By submitting this query, you agree to abide by this policy.
%
% WARNING: THIS RESPONSE IS NOT AUTHENTIC
%
% The selected character encoding "US-ASCII" is not able to represent all
% characters in this output. Those characters that could not be represented
% have been replaced with "?". Please resubmit your query with a suitable
% character encoding in order to receive an authentic response.
%
% Els camps que no apareixen a continuació s'han omès en virtud dels
% previsions de la normativa de protecció de dades/Fields not appearing below have been omitted
according to european data protection provisions.
%
% En cas de voler contactar amb el titular, utilitzeu el formulari:
% http://contact.whois.cat
%
% En cas de que el domini estigui abusant de la política de protecció de dades
% utilitzeu el formulari:
% http://misuse.whois.cat
%
% En cas que el domini tingui un comportament anòmal (spam, phising,
% ...) utilitzeu el formulari:
% http://problems.whois.cat
%
Domain ID: REG-D672590
Domain Name: exampleindividualoptout.cat
Domain Name ACE: exampleindividualoptout.cat
Variant Name: ex?mpleindividualopto?t.cat
Variant Name ACE: xn--exampleindividualoptout.cat

Domain Language: ca
Registrar ID: R-2021 (Registrar of record)
Created On: 2010-05-17 19:50:19 GMT
Last Updated On: 2011-05-13 09:44:21 GMT
Expiration Date: 2012-05-17 19:52:01 GMT
Status: clientDeleteProhibited, clientTransferProhibited
Name Server: ns4.example.com
Name Server ACE: ns4.example.com
Name Server: ns. example.com
Name Server ACE: ns. example.com
Name Server: ns3. example.com
Name Server ACE: ns3. example.com
Name Server: ns2. example.com
Name Server ACE: ns2.example.com

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.