

New output: Getting end-users' attention

- Output that shows essential data on top
- Add well-known public data (e.g. brand TLD)
- Add goodies for pros (e.g. multi-dom lookup)
- Combine with “mini-Dig” DNS responses
- Add context-based ads (but no cookies)
- Public-suffix domains (e.g. club.whoswho, co.uk.whoswho)
- Add scores
- Port-53 DNS-based fact-sheet per public suffix

Note

The following pages are crude wire frames created on a spreadsheet, “simulating” a browser window

They are work in progress and merely illustrate the possible future output and layout of .whoswho lookup pages.

Domain example: **gymnastics.sport**

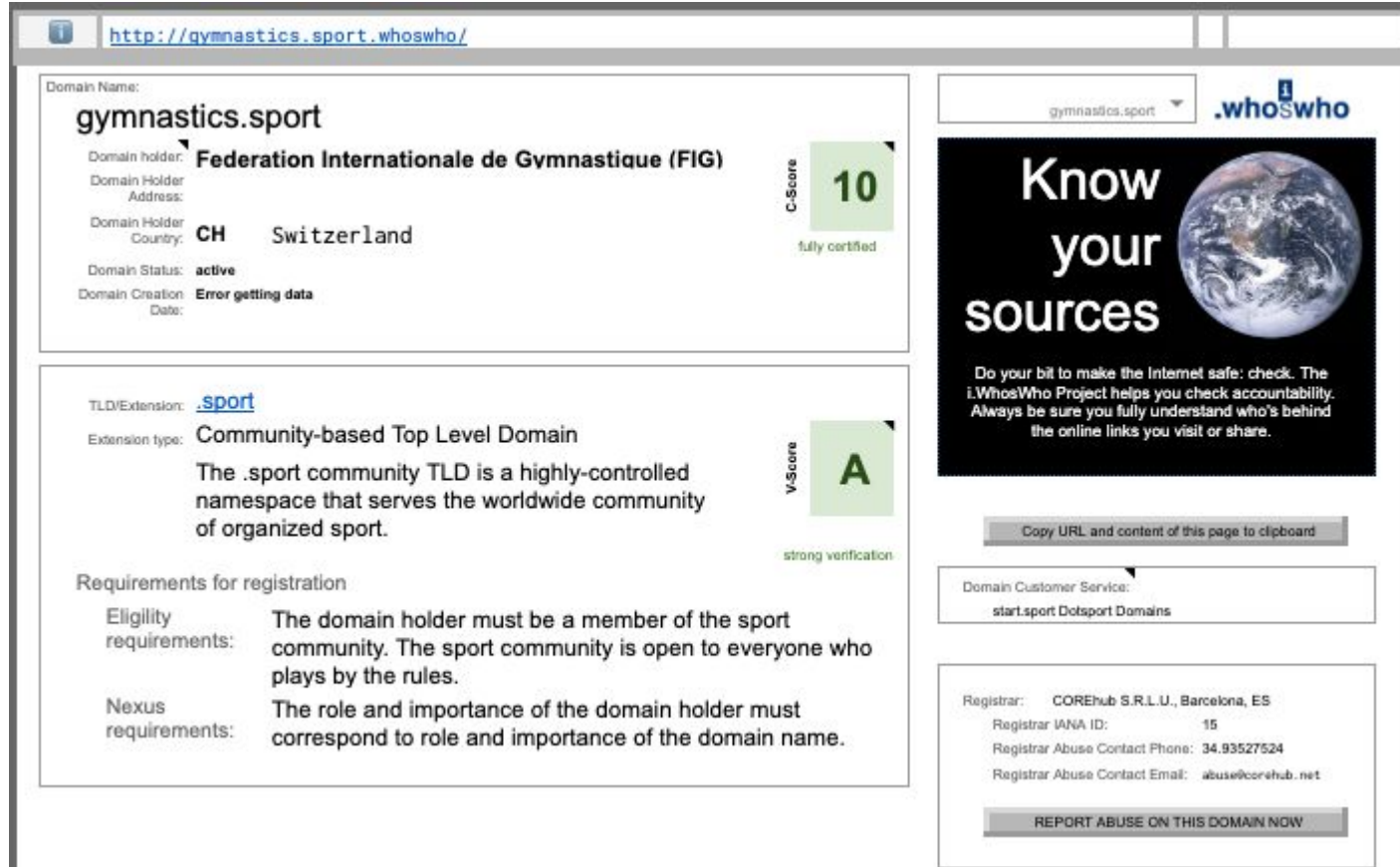
Domain info

TLD info

Registrar info

Reseller info

Abuse report
button



The screenshot shows the iWhoWho website interface for the domain **gymnastics.sport**. The browser address bar displays <http://gymnastics.sport.whoiswho/>. The page is divided into several sections:

- Domain Name:** **gymnastics.sport**
- Domain Holder:** Federation Internationale de Gymnastique (FIG)
- Domain Holder Address:** (blank)
- Domain Holder Country:** CH Switzerland
- Domain Status:** active
- Domain Creation Date:** Error getting data
- C-Score:** 10 (fully certified)

The TLD/Extension section shows:

- TLD/Extension:** [.sport](#)
- Extension type:** Community-based Top Level Domain
- Description:** The .sport community TLD is a highly-controlled namespace that serves the worldwide community of organized sport.
- V-Score:** A (strong verification)

Requirements for registration:

- Eligibility requirements:** The domain holder must be a member of the sport community. The sport community is open to everyone who plays by the rules.
- Nexus requirements:** The role and importance of the domain holder must correspond to role and importance of the domain name.

On the right side of the page, there is a **Know your sources** banner with an image of Earth and a text box stating: "Do your bit to make the Internet safe: check. The iWhoWho Project helps you check accountability. Always be sure you fully understand who's behind the online links you visit or share." Below this is a "Copy URL and content of this page to clipboard" button.

At the bottom right, the **Domain Customer Service:** start.sport Dotsport Domains is listed. Below that, the **Registrar:** COREhub S.R.L.U., Barcelona, ES is shown, along with Registrar IANA ID: 15, Registrar Abuse Contact Phone: 34.93527524, and Registrar Abuse Contact Email: abuse@corehub.net. A **REPORT ABUSE ON THIS DOMAIN NOW** button is located at the very bottom right.

Domain example: **tokyo2021.sport**

<http://tokyo2021.sport.whoswho/>

Domain Name: **tokyo2021.sport**

Domain holder: **IOC**

Domain Holder Address:

Domain Holder Country: **CH** Switzerland

Domain Status: **active**

Domain Creation Date:

C-Score **10**
fully certified

TLD/Extension: [.sport](#)

Extension type: **Community-based Top Level Domain**

The **.sport** community TLD is a highly-controlled namespace that serves the worldwide community of organized sport.

V-Score **A**
strong verification


Requirements for registration

Eligibility requirements: The domain holder must be a member of the sport community. The sport community is open to everyone who plays by the rules.

Nexus requirements: The role and importance of the domain holder must correspond to role and importance of the domain name.

tokyo2021.sport .whoswho

Know your sources



Do your bit to make the Internet safe: check. The iWhoisWho Project helps you check accountability. Always be sure you fully understand who's behind the online links you visit or share.

Copy URL and content of this page to clipboard

Domain Customer Service: [start.sport Dotsport Domains](#)

Registrar: COREhub S.R.L.U., Barcelona, ES
Registrar IANA ID: 15
Registrar Abuse Contact Phone: 34.93527524
Registrar Abuse Contact Email: abuse@corehub.net

REPORT ABUSE ON THIS DOMAIN NOW

Disclosure: CORE is BERO for .sport and has a collaborative business relationship with .sport registry operator GAISF (Global Association of International Sports Federations)

Domain example:
swisscom.com

http://swisscom.com.whoiswho/

Domain Name: **swisscom.com** Record retrieval date: 2020-06-09T00:40:15Z

Domain holder: **Swisscom AG** C-Score: **10**

Domain Holder Address:

Domain Holder Country: **CH**

Domain Status: **active** Domain holder identity fully certified by: global IP action AG, Corehub SRLU, The dotWhoisWho Project

Domain Creation Date: **1996-08-20T04:00:00Z** (24 years ago) Domain Update Date: **2019-08-20T07:05:50Z** (19 months ago)

TLD/Extension: **.com** V-Score: **C**

Extension: **Generic Top-Level Domain**

Thin registry model: the .com registry does not keep a record of the domain holder, instead the registrars are in charge of keeping track of who is responsible for a given domain ending in .com.

Requirements for registration

Eligibility requirements: **There are no eligibility requirements for .com. The .com TLD is open to any registrant on a first-come, first saved basis.**

Nexus requirements: **There are no nexus requirements for .com. As all is the case for all generic TLDs (those that are not country codes), registrations are subject to the Uniform Dispute Resolution Policy (UDRP)**

no verification by registry

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Domain Customer Service:

global IP action AG
Bahnhofstrasse 3
8808 Pfäffikon

Registrar: **COREhub S.R.L.U., Barcelona, ES**

Registrar IANA ID: **15**

Registrar Abuse Contact Phone: **34.93527524**

Registrar Abuse Contact Email: **abuse@corehub.net**

REPORT ABUSE ON THIS DOMAIN NOW

RDAP source: <https://rdap.corenic.net/domain/SWISSCOM.COM>

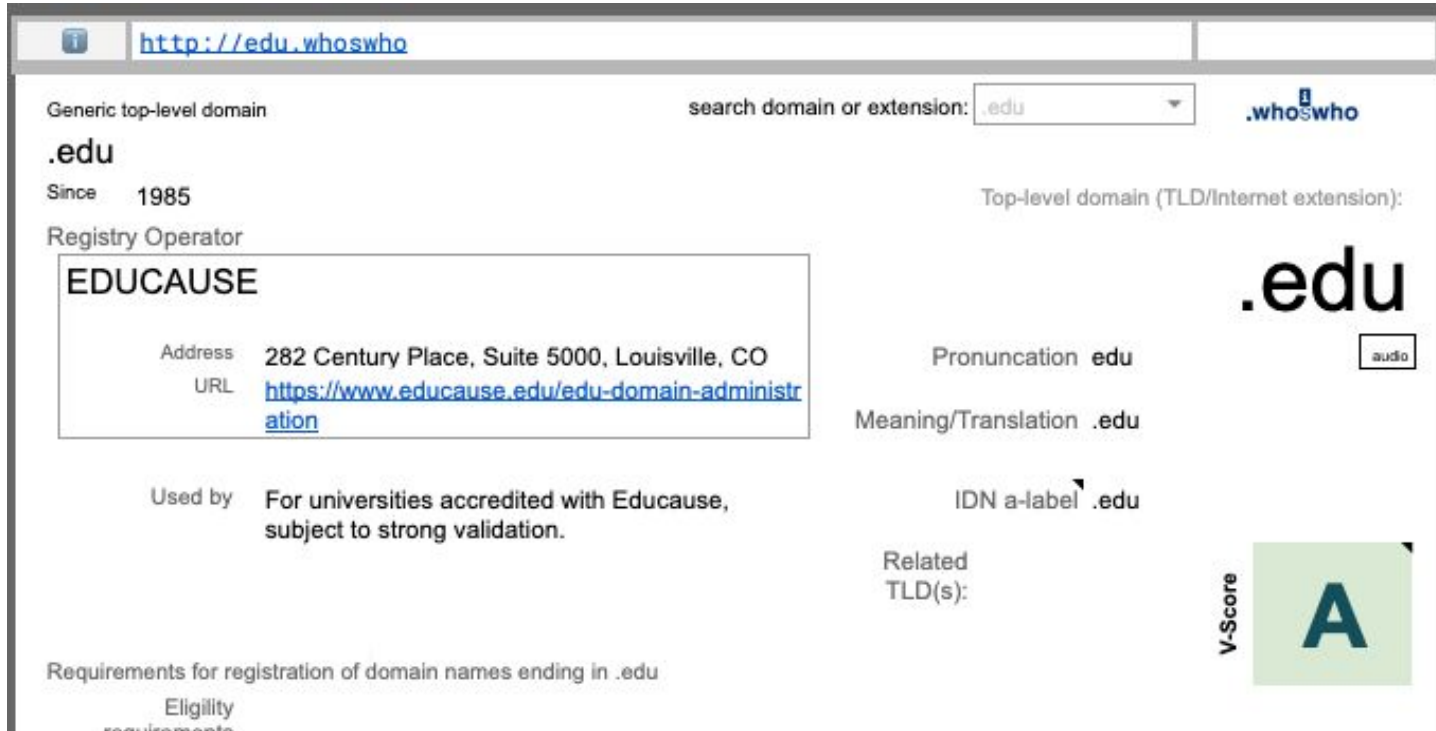
Technical Domain Name Data

Name Servers	IPs	Result of a test NS query	
dns1.swisscom.com	138.190.34.196	responded with matching name server list on	2020-04-12T21:16:11Z
dns2.swisscom.com	138.190.34.204	responded with matching name server list on	2020-04-12T21:16:14Z
dns3.swisscom.com	193.222.76.54	responded with matching name server list on	2020-04-12T21:16:19Z

Additional lookups
can be added, e.g.
NS query

Suffix example: .edu

Describes the properties of the TLD or public suffix



The screenshot shows the .whoiswho website interface. At the top, there is a search bar with the URL <http://edu.whoiswho> and a search input field containing ".edu". The main content area is divided into two columns. The left column provides information about the domain: "Generic top-level domain" is ".edu", "Since" is "1985", and the "Registry Operator" is "EDUCAUSE". A box contains the operator's details: "Address" is "282 Century Place, Suite 5000, Louisville, CO" and "URL" is "<https://www.educause.edu/edu-domain-administration>". Below this, it states "Used by" are "For universities accredited with Educause, subject to strong validation." At the bottom left, it says "Requirements for registration of domain names ending in .edu" and "Eligibility requirements". The right column shows "Top-level domain (TLD/Internet extension):" as ".edu", "Pronunciation" as "edu" with an "audio" button, "Meaning/Translation" as ".edu", "IDN a-label" as ".edu", and "Related TLD(s):". At the bottom right, there is a "V-Score" section with a green square containing a large blue letter "A".

Objections (adversarial assertions)

Can be effective if based on a accepted alerter / accredited notifier paradigm

<http://tokyo2021.org.whoiswho/>

Notice: Objection(s) filed One or more formal [objection\(s\)](#) to the registration of the domain [tokyo2021.org](#) were filed through channels deemed trustworthy by i.whoiswho

Record retrieval date: 2020-06-12T11:20:37Z Domain Name: **t o k y o 2 0 2 1 . o r g**

Domain holder: **Contact Privacy Inc. Customer 1246395316** **D . C**

Domain Holder Address: **96 Mowat Ave, Toronto, ON, M4K 3K1** Registration: inadequate transparency Extension: median safety

Domain Holder Country: **CA Canada**

Domain Status: **Delete/Update/Transfer Prohibited (client)**

Domain Creation Date: **2020-02-03T10:35:22.861Z (4 months ago)**

Domain Update Date: **2020-04-04T03:49:04.385Z (2 months ago)**

TLD/Extension: **.org**

Extension-based safety score: **C**

Extension type: **Generic Top-Level Domain**

Registry type: **Thick registry: the registry itself stores certain contact data for**

Eligibility requirements: **There are no eligibility requirements. The .org TLD is open to any registrant on a first-come, first served basis.**

Nexus requirements: **There are no nexus requirements for .com. As all is the case for all generic TLDs (those that are not country codes), registrations are subject to the Uniform Dispute Resolution Policy (UDRP)**

[tokyo2021.org](#) **i.whoiswho** Advertisement

@DNS geeks
Program your systems to automatically check for objections using a port-53 DNS query.

In this example, the DNS query is:
`dig tokyo2021.org.whoiswho txt`

The DNS answer is:
`objections_count:1`

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Domain Customer Service:
Google LLC

Registrar IANA ID: 895
Registrar Abuse Contact Email: registrar-abuse@google.com

REPORT ABUSE ON THIS DOMAIN NOW

Suffix example: .org

<http://org.whoiswho>

Generic top-level domain **.org**  search domain or extension: **.whoiswho**

Since **1985** Top-level domain (TLD/Internet extension): **.org**


Registry Operator **Public Interest Registry (PIR)**

Address **1775 Wiehle Avenue, Suite 100, Reston Virginia**
URL <https://pir.org>

Used by **Available for registration by any party; intended primarily for not-for profit organizations**


Requirements for registration of domain names ending in **.org**

Eligibility requirements **none**

Pronunciation **org** 
Meaning/Translation **.org**

IDN a-label **.org**

Related **.机构 .opr**
TLD(s): **.संगठन**

V-Score 

Goodies for lawyers and geeks (with lay people in mind)

<http://swisscom.com.whoswho/.net..org..info..swiss..sport>

Domain	Domain Holder	Registrar	Name Servers	A and AAAA records for @	A and AAAA records for www	Last change in Registry
swisscom.com	Swisscom AG	COREhub SRLU	dns1.swisscom.com, dns2.swi..	195.186.210.170, 2a02:a90:c400:4001::2	195.186.210.170, 2a02:a90:c400:4001::2	2019-07-15T11:17:23.987Z
swisscom.net	Swisscom AG	COREhub SRLU	dns1.swisscom.com, dns2.swi..	195.186.210.170, 2a02:a90:c400:4001::2	195.186.210.170, 2a02:a90:c400:4001::2	2019-05-12T07:05:35Z
swisscom.org	Swisscom AG	COREhub SRLU	dns1.swisscom.com, dns2.swi..	-	-	2016-06-10T12:47:16.432Z
swisscom.swiss	Swisscom AG	COREhub SRLU	ns1.glipac.ch, ns2.glipac.ch ...	-	-	2020-01-25T09:40:46.256Z
swisscom.sport	not registered	-	-	-	-	-

Domain Name: swisscom.com Record retrieval date: 2020-06-09T17:35:51Z

Domain holder: **Swisscom AG**

Domain Holder Address:

Domain Holder Country: **CH**

Domain Status: **active**

Domain Creation Date: **1996-08-20T04:00:00Z** (24 years ago) Domain Update Date: **2019-08-20T07:05:50Z** (10 months ago)

C-Score **10**

domain holder identity fully certified by: global IP action AG, Corehub SRLU, The dotWhosWho Project

swisscom.com .whoSwho

global **IP** action

global IP action AG ist ein Schweizer Dienstleistungsunternehmen, in welchem Swisscom eine Mehrheitsbeteiligung besitzt.

TLD/Extension: .com

Extension type: Generic Top-Level Domain

Copy URL and content of this page to clipboard

The multi-domain lookup is part of the strategy of getting to the end-user: if experts use it to save time, they will send links like the above to their customers who will then more easily understand the logic and the value of lookup up registration information.

Lookup of Public Suffix Policies

Input needed for a suffix description language: must be **machine-readable AND intuitive for humans.**

Key suffix policies can be published via DNS for fast lookup.

More detailed information can be published as a web service (e.g. JSON).

```
dig sport.whoiswho txt
(...)
;; ANSWER SECTION:
sport.whoiswho.      1400 IN   TXT     "suffix: .sport;
ProxyRegistrations:NOTpermitted;
PrivacyRegistrations:NOTpermitted;
HolderIdentityChecking:plausibilityCheckByRegistry;
RegistrationValidation:byRegistryStaff;"
sport.whoiswho.      1400 IN   TXT     "MultiRegistrantSuffix:yes;
EligibilityIndividuals:allowed;
EligibilityOrganizations:allowed;
NexusRequirements:objectiveLink;"
```