



Promoting local digital Identities for
Cities, Regions, Languages and Cultures on the Internet

Agenda

10:00 - 12:00 :

DNS Abuse: Responsible management by GeoTLDs

1. Welcome and introduction: recap on recent activities of the Group
2. Presentation to the GAC
3. Experiences of GeoTLDs managing DNS Abuse
4. Dialogue and next steps
5. AOB

1. Welcome and introduction

Recap on recent activities of the Group



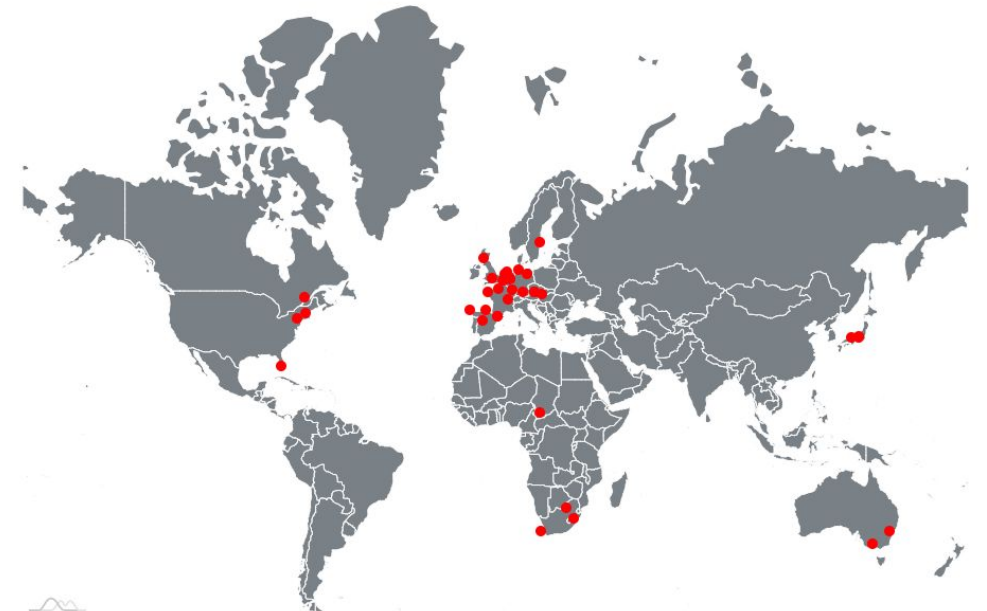
the **geoTLD.group** represents the interests of geographic top-level domains representing a city, region, language or culture.

the geoTLD.group is member of the Registries Stakeholder Group within ICANN

the geoTLD.group is an international not-for-profit membership association

geoTLD.group members

[Europe] .alsace .amsterdam .barcelona
.bayern .berlin .brussels .bzh .cat .cologne
.eus .frl .gal .hamburg .koeln .london
.madrid .nrw .paris .ruhr .saarland .scot
.stockholm .swiss .tirol .vlaanderen .wien
[Africa] .africa .capetown .durban .joburg
[America] .boston .miami .nyc .quebec
[Asia Pacific] .melbourne .sydney .tokyo



geoTLD.group video

<https://youtu.be/uWVvwBWhRPU>



Ongoing activities geoTLD.group

geoTLD community building, capacity building and information exchange

geoTLD.group members meetings

- geoTLD.group members meeting (hybrid) hosted by the **.bzh** geoTLD registry in Quimper, Brittany (june)
- online meetings throughout the year

Strengthened relation with RySG and BRG

The geoTLD.group is strengthening relations with the Registries Stakeholder Group (RySG) and Brand Registry Group (BRG), for example by providing regular updates in each others meetings.

Next Round

The geoTLD.group continues to convey the message to the ICANN community that there are opportunities and a demand for additional TLDs representing cities, regions, languages and cultures communities, and the group keeps track of the (slow) evolution within ICANN towards a next round.

geoTLD.group outreach

geoTLD outreach activities to the ICANN community and beyond (GAC capacity building, DNS abuse handling, working relation with ICANN, opportunities for geoTLDs)



Ongoing activities geoTLD.group (2)

Registrar onboarding

Active and successful outreach to WordPress.com, Google Domains, and others to onboard geoTLD.group members' TLDs and improve their availability to their communities.

Marketing and communications task force

Regular exchange amongst geoTLD registries to discuss and exchange experiences with marketing geoTLDs.

insight and understanding of market

Joint actions and exchanges to gain better insight geoTLD market a crawling project to analyse zone files of registered geoTLDs.

Emoji working group

The geoTLD.group recently started exploring how geoTLD registries can support their communities to strengthen their online presence by obtaining the emoji representing their flag.

2. Presentation to the GAC

geoTLDs

digital Identities for
Cities, Regions, Languages and Cultures on the Internet

geoTLDs belong to the gTLDs

per ICANN Registry contract geoTLDs are bound to the policies set by the ICANN community

the typical geoTLD is operated on behalf of their local government (by contract or formal assignment)
or with the explicit support (letter of support) of a local/relevant government

Proximity

there are 69 geoTLDs delegated, characterised by the **proximity** to the community they serve



DNS Abuse: responsible management by geoTLDs

Contractual obligations and local cooperation

- per ICANN contract geoTLDs actively monitor for DNS abuse cases
- many are also community TLDs
 - Specification 12 Registry Agreement (eligibility requirements, usage restrictions and proactive enforcement)
- several geoTLD Registry operators have additional obligations or agreements with their local government

low number of abuse cases reported by geoTLD.group members

< 0'01% of total number of registered names. Mostly infections undetected by registrant

Proximity!

- smaller zones - less attractive for wrongdoers
- due to their specific local character 'weird' registrations easily stand out
- some geoTLDs require a presence or existing link with their community
- geoTLD Registries invested in the prestige of their communities



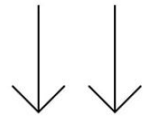
PUNTO •EUS

We have working agreements with the **Basque Government** official Cybersecurity institutions: **Basque Cybersecurity Center** (developing strategies to enable protection for .EUS) and **IZENPE** (free official SSL certificate for the .EUS domain names). Active members of the **Cybersecurity Basque Cluster** and the **Global Cyber Alliance**.



CYBERSECURITY REPORT 2021

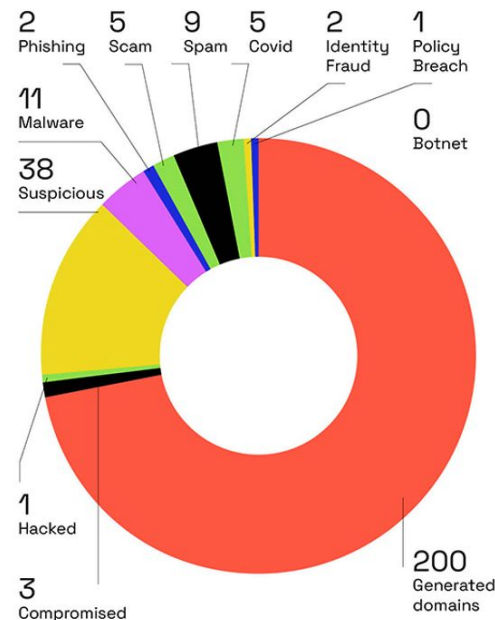
DETECTED RISKS



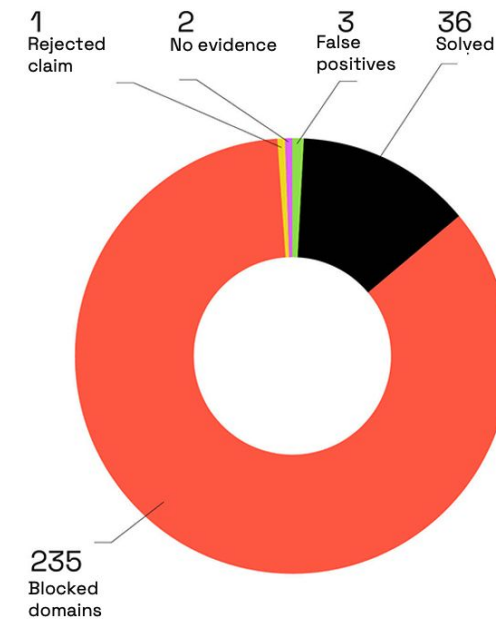
277

0.02% of 13.083 DUM

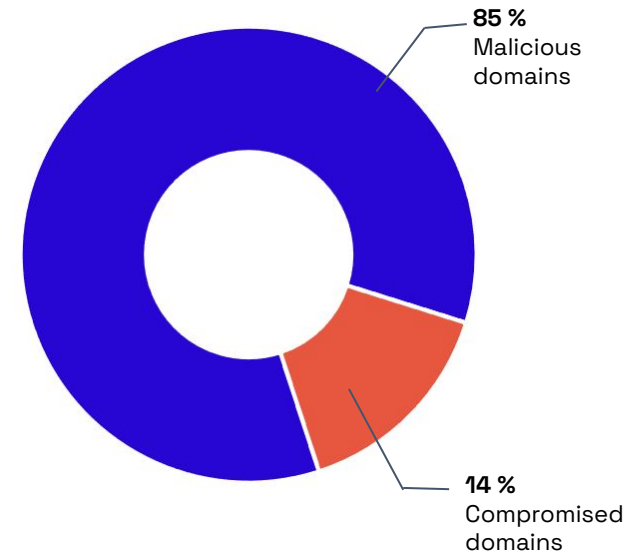
CASES DETECTED BY TYPE



CASE RESOLUTION BY TYPE



MALICIOUS vs COMPROMISED



WHAT DO WE DO?

Our main task is to ensure your digital security. Using the Abuse IQ system we continuously monitorize .EUS websites. As a result, we detect bad behaviours on the web pages and anticipate risks and threats.

We block the **malicious domain names**. These are domain names registered with bad intent.

We help fix **compromised domain names**. These are domain names attacked by a third party.

La lutte contre la cybercriminalité au travers des noms de domaine Internet en droit suisse

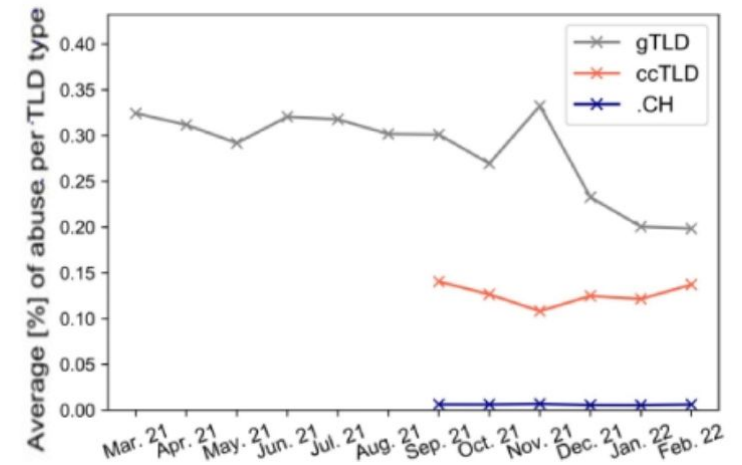
Les mesures qui peuvent être prises à l'égard des noms de domaine Internet sont essentielles pour lutter contre la cybercriminalité. Si cette lutte ne trouve pour l'heure qu'un appui limité dans les instruments internationaux, le droit suisse des noms de domaine prévoit des mesures efficaces avant tout contre le « phishing » et la diffusion de « malware ». Une protection au travers des noms de domaine contre des atteintes illicites peut par ailleurs être mise en œuvre dans le cadre de procédures administratives ou judiciaires ordinaires de droit suisse.

Catégories d'articles : Contributions
Domaines juridiques : Droit administratif

5. Conclusion

[60] Le Conseil fédéral s'est montré extrêmement diligent et novateur en développant dans l'ODI un arsenal d'outils et de mesures qui permettent une lutte efficace et rapide contre la cybercriminalité dans les domaines Internet gérés par la Confédération. Les domaines « .ch » et « .swiss » figurent ainsi parmi les plus sûrs au monde, ce qui contribue à renforcer la confiance des usagers dans les contenus et services en ligne qui y sont accessibles.

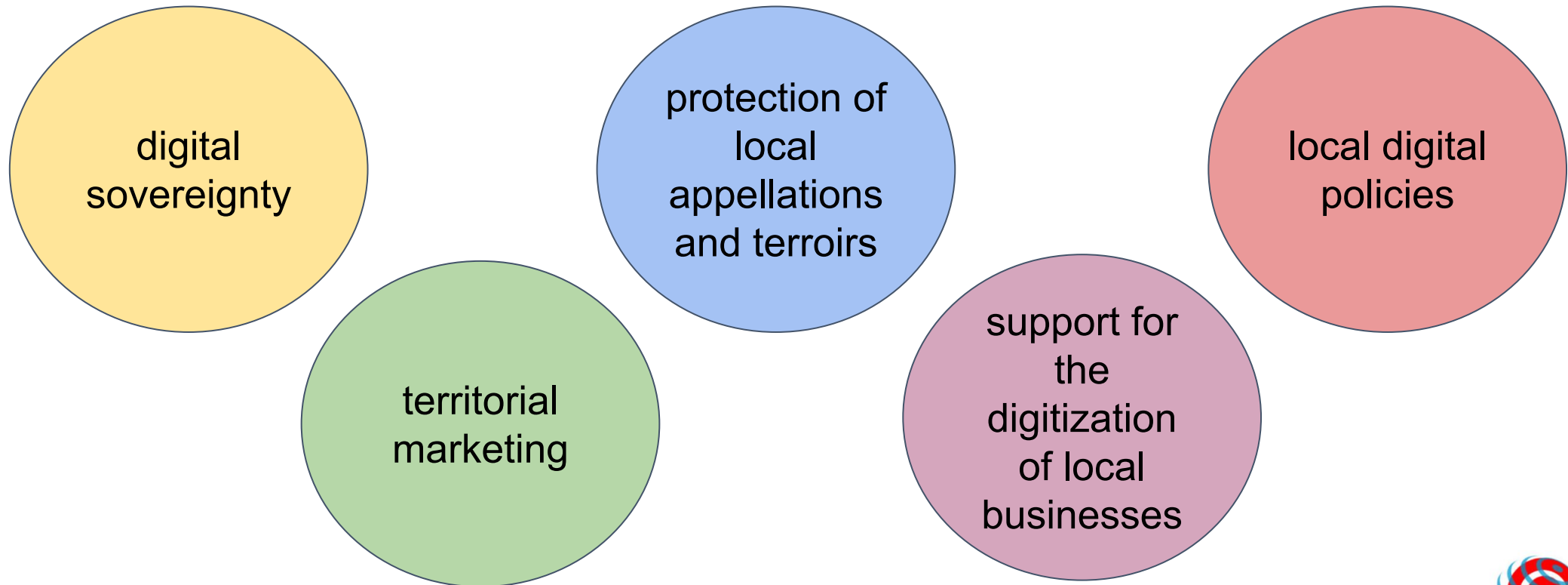
Proposition de citation : Stéphane Bondallaz, La lutte contre la cybercriminalité au travers des noms de domaine Internet en droit suisse, in : Jusletter 20 juin 2022



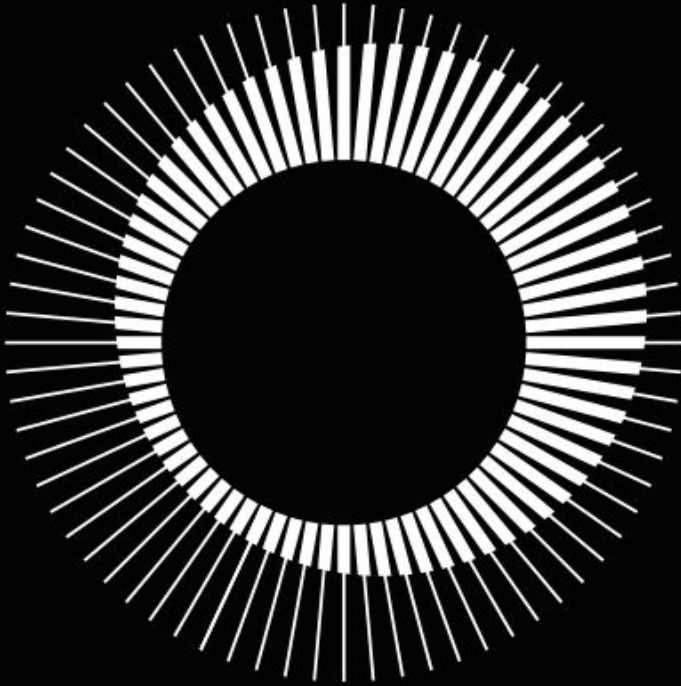
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Opportunities : next round

Local public authorities are waiting for the next round



3. Experiences of GeoTLDs managing DNS Abuse



ZURE
ESPRESIO
DIGITALA

JOSU WALIÑO

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03

.EUS AND
CYBERSECURITY

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HANDLING DNS
ABUSE

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CYBERSECURITY
REPORT 2021

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ABUSE CASES
MANAGED IN 2022



PUNTU
•EUS ZURE
ESPRESIO
DIGITALA

BASQUE TECH IDENTITY

We promote and represent the spread of the Basque language in the digital world. We are part of this strong creative trend that has begun in Basque culture in recent years, and we aim to start from that spirit and influence the digital transformation of society through the Basque language.



BASQUE IN THE HEART

Basque is in our veins, with all that this entails. We are a reflection of a people, a person and a culture, and we work with passion to give our language the place it deserves in the digital sphere. With the heartbeat and commitment to our language and culture, we want to act as a spokesperson and disseminator of our language.

SECURITY IN MIND

A silver metal padlock is attached to a green-painted wooden door. The door has several circular holes, some of which are filled with wood or metal. The padlock is positioned on the right side of the door, and its shackle is visible. The background is a close-up of the green-painted wood, showing some texture and wear.

Ensuring your digital security is our main task. We put our knowledge at your disposal, offering quality services and solutions clearly and directly. We are transparent in our actions and we are at your side for everything you need. With us, you can be sure that everything will go well.

We have working agreements with the Basque Government official cybersecurity institutions: BCSC and IZENPE.



BCSC, the Basque Cybersecurity Centre, and PUNTUEUS have an agreement to work together on developing strategies that enable protection for .EUS domain names.



.EUS domains may request an SSL certificate free from Izenpe, the official digital certificate of the Basque Government and the only public certification authority belonging to CA/Browser worldwide

And we are active members of the main Cybersecurity clusters in the Basque Country and World Wide.



CYBASQUE is the Association that represents Cybersecurity Industries of the Basque Country.



The Global Cyber Alliance (GCA) builds practical, measurable solutions and tools that are easy to use, and works with partners to accelerate adoption around the world.

One of the most important tasks of PUNTUEUS is to ensure the digital security of users and continuous monitoring of .EUS websites. This allows detecting misuse on the web sites and preventing risks and threats.

We use three main tools for our daily DNS ABUSE MONITORING, help our community SOLVE CYBERSECURITY ISSUES and generate ICANN Registry Agreement Specification 11.3B compliant reports

IQ ABUSE MANAGER

With the help of the IQ ABUSE MANAGER we do DAILY analysis of the .EUS domain database to identify and address any problems that customers may have (phishing, spam, malware, etc.).

<https://abusemanager.com/>



BITSIGHT SECURITY RATINGS

Together with the Basque Cybersecurity Center, PUNTUEUS monitors all the .EUS domain names through BITSIGHT to check any compromised websites and security issues within our ecosystem.

With this tool we are able to detect risk breakdowns as exposed credentials and measure the performance our online community.

<https://www.bitsight.com/>



DOMAIN TRUST

Domain Trust is an intelligence platform developed by the GCA that provides high quality, large-scale sets of data on suspected malicious and criminal domains being used in phishing attempts, malware distribution, and command and control activities.

PUNTUEUS has developed an API connection to the platform in order to check daily all the new .EUS domain names.

<https://www.globalcyberalliance.org/domain-trust/>

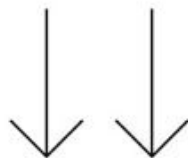


DETECTION AND SOLUTION

TECHNICAL SUPPORT AT HAND: Proximity and support to clarify any doubt you may have with the domain. All doors are open to you: by phone, mail, chat or meeting us directly.



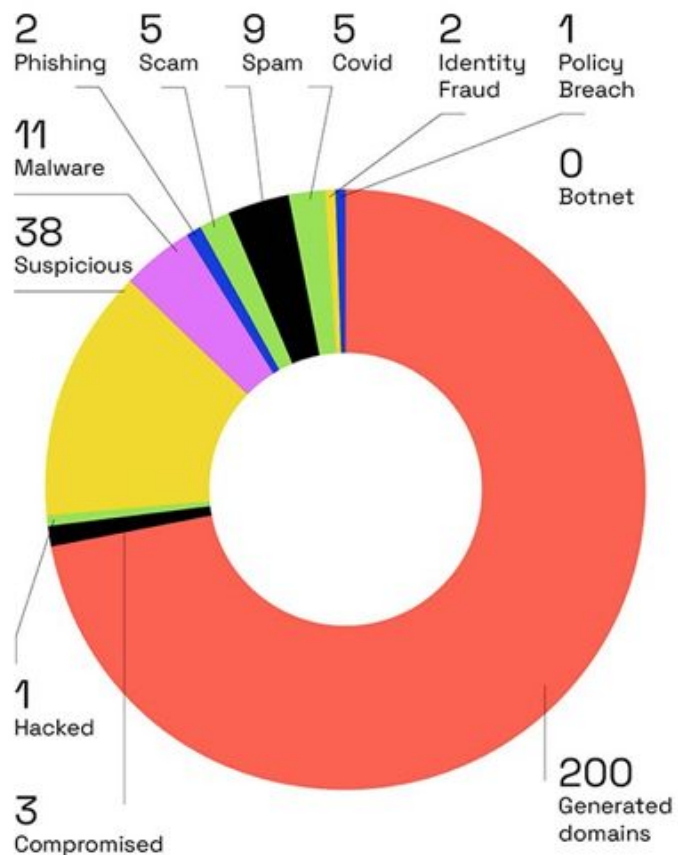
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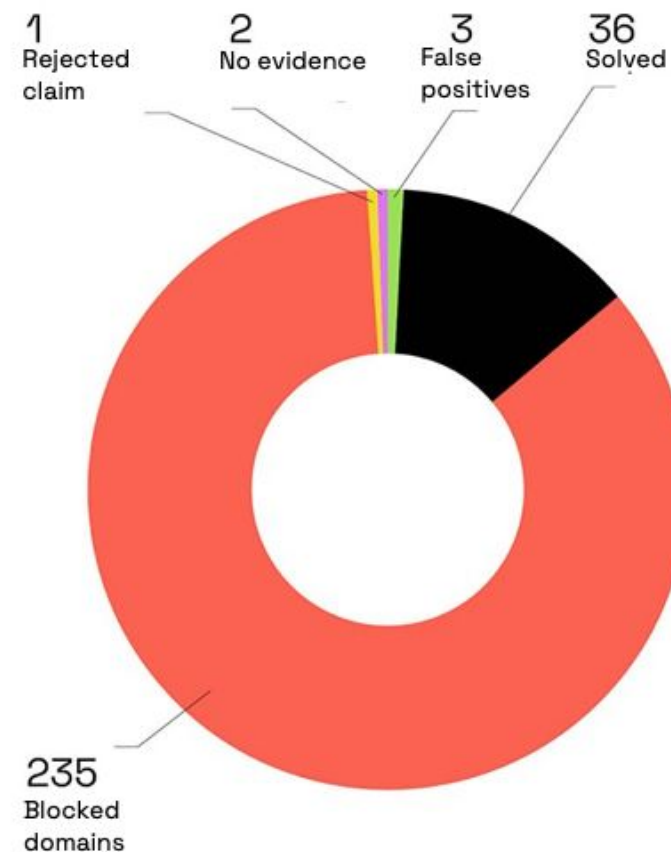
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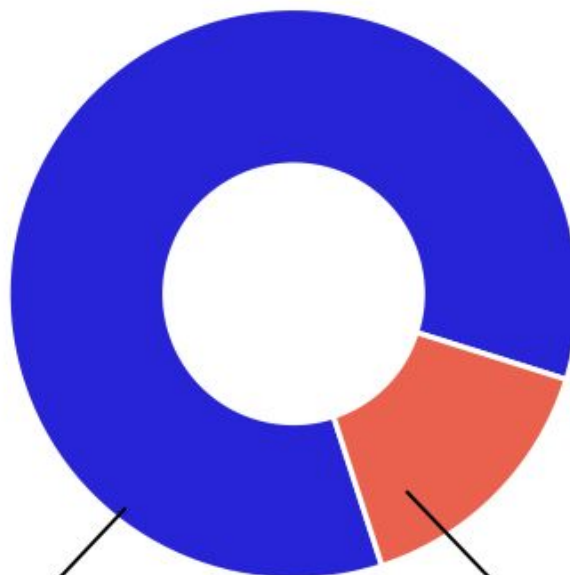
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MALICIOUS DOMAINS (235)

85% of the risk cases detected by PUNTUEUS in 2021 have been malicious domains which are domains created with malicious intent; most were created using algorithms (200) and the rest (35) were suspected of bad practices. Most cases have been predictively identified and remediated before any attack occurs. Thus, in total, PUNTUEUS has blocked 235 .EUS domains in 2021.

85%



COMPROMISED DOMAINS (39)

Compromised domains are .EUS domains attacked by a third party. When the compromised domain is identified, the owner of this domain is informed of the attack suffered and is helped to solve the problem. In fact, it is usual that those responsible for the web have not been aware of the attack. These have accounted for 14% of the cases identified in the last year.

14%

CLAIMS: The remaining 1% are claims on identity fraud or policy breach (3).

- **23 abuse cases**
- **100% compromised domain names**
- **20 cases solved,
3 awaiting registrant**

.EUS DNS ABUSE
PROVISIONAL REPORT
31/08/2022

MILESKER ZUEN ARRETAGATIK

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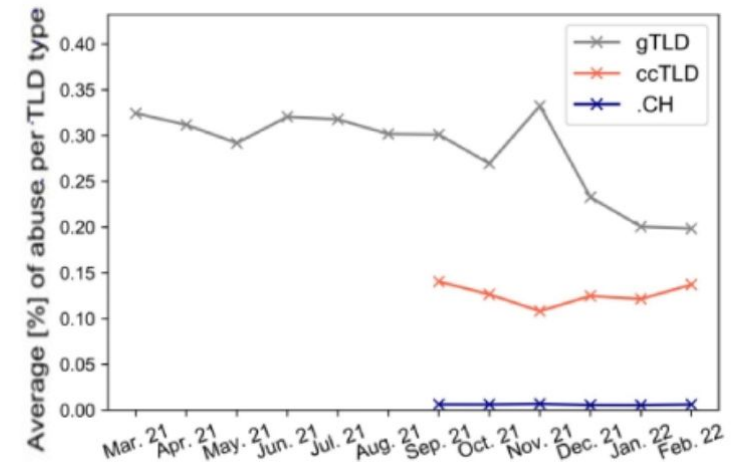
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4. Dialogue and next steps

5. AOB

Any Other Business

geoTLD.group Annual General Assembly and ExCom Elections

- 28 September 2022, 15:00 CEST via ZOOM
- Agenda:
 1. Group housekeeping
 2. ExCom Elections

Thank you for your attention !

website www.geoTLD.group

contact office@geoTLD.group

