



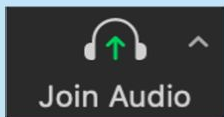
82 | COMMUNITY FORUM



Virtual Participants

1

Connect your **Zoom Audio** to listen to the meeting.



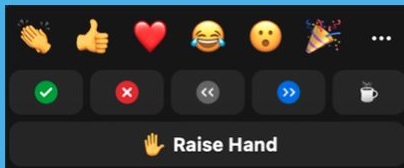
2

Turn on your **Zoom Video** to be seen by other participants.



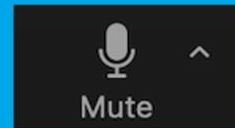
3

Raise your hand in **Zoom Reactions** to join the speaking queue.



4

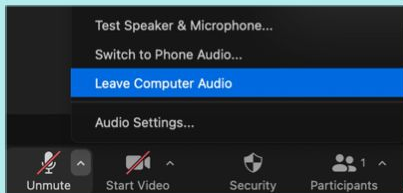
Unmute your **Zoom Audio** when called upon to speak.



On-Site/In-Room Participants

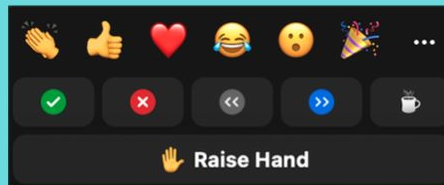
1

Do **not** connect your **Zoom Audio**. To disconnect your audio, click on the **Up Arrow** and select **Leave Computer Audio**.



2

Raise your hand in **Zoom Reactions** to join the speaking queue.



3

Use the physical microphone at your seat or in the aisle when called upon to speak.





ICANN82 ccNSO Members Meeting - Day 2

DASC session on data accuracy and validation

ICANN | ccNSO

Country Code Names Supporting Organization



The role of accurate domain name registration data in combating DNS abuse

Tuesday, 11 March 2025 | 10:30-12:00 local (UTC -7)

Session Chair: Nick Wenban-Smith (.uk), DASC Chair

Moderator: Bruce Tonkin (.au), DASC Vice Chair

- Barb Pearse (.nz)
- Kristian Ørmen (.se)
- Chris Lewis-Evans (former Law Enforcement)
- Reg Levy (Tucows)



About the ccNSO DNS Abuse Standing Committee (DASC)

1

Share information,
insights and practices

2

Raise understanding
and awareness

3

Promote open and
constructive dialogue

4

Assist ccTLD
managers in their
efforts to mitigate the
impact of DNS Abuse

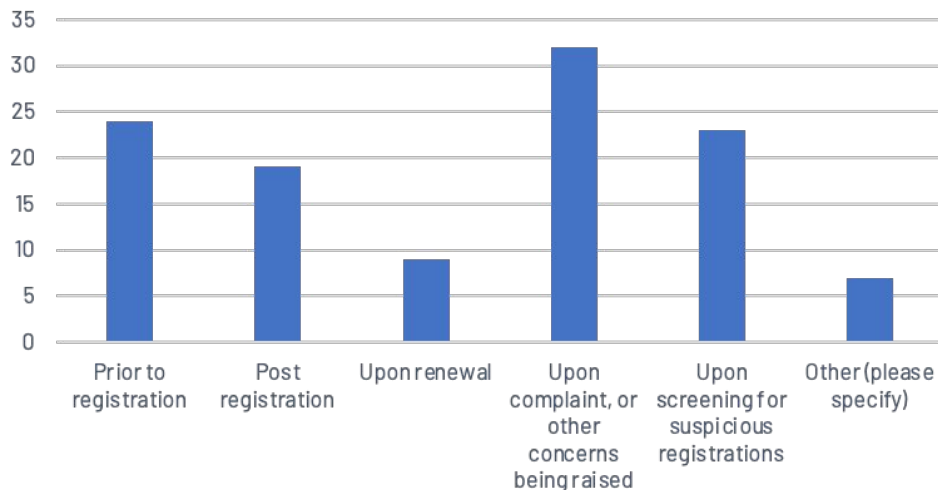
DASC does not formulate any policy or standards: out of scope of the ccNSO policy remit

DASC Activities to date

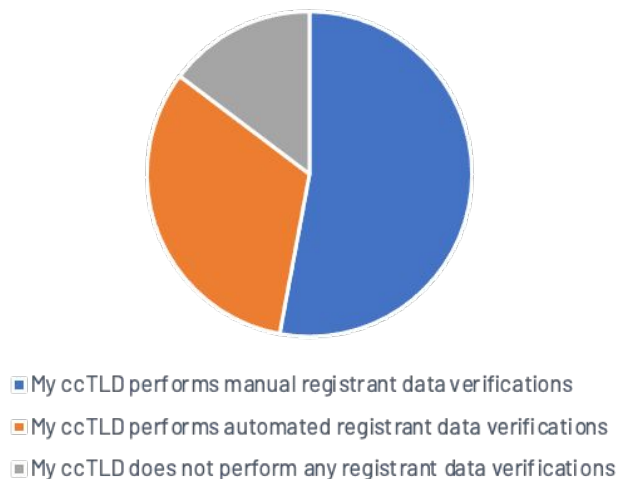
- Resources
 - DNS Abuse Library: <https://icann-community.atlassian.net/wiki/x/JEJ2Bg>
 - Dedicated email and contact list: <https://icann-community.atlassian.net/wiki/x/JkR2Bg>
- Understanding the landscape and how to best serve ccTLDs
 - Survey among ccTLDs 2022
 - Survey among ccTLDs 2024
- Workshop sessions
 - Tools & measurements
 - Amendments to the gTLD Base Registry Agreement (Base RA) and gTLD Registrar Accreditation Agreement (RAA) to Modify DNS Abuse Contract: what do ccTLDs need to know?

DASC 2024 Survey Results: Data Verification

When does your ccTLD verify registrant data?
Verification in this context refers to checking ID or company registration documents for instance.
Please select all that apply.



Does your ccTLD verify registrant data?
Verification in this context refers to checking ID or company registration documents for instance. Please select all that apply.



placeholder

Menti polling

instructions

Please select how much you agree or disagree with the statement

Accurate registration data is useful as a tool to combat DNS abuse

A horizontal slider bar consisting of a thin grey line, intended for users to select a level of agreement.

Strongly disagree

Strongly agree

Domain Name Commission

carries out the regulatory,
compliance & enforcement
function for

.nz ccTLD

(New Zealand)



.nz Rules (policies)

- **Eligibility criteria to register a .nz domain name:**
 - Identifiable individual over 18yrs
 - Lawfully constituted entity
 - Note: NO local presence [NZ] requirement
- **Registration data must be accurate, complete and kept up to date and includes:** registrant name, address, city, post code, country, phone, email (among other things).
- **DNC can suspend/cancel a .nz domain name if determines the registration data is incorrect OR if Identity not verified within requested time frame**



Processes: Proactive Monitoring and Reactive (Referrals in)

- **PROACTIVE sample: monitoring of new domain name registrations**
 - **Automated** red-flag tool provides sample, assigns threat level score based on the domain name and registration data etc
 - **Manually** sense check the sample (eg: indicators include bank, govt, fakeshop re known brands)
- **REACTIVE sample: referrals from other regulators (FMA, DIA), NZ Police, Cyber Security Agency, members of the public**
- **[1] DATA VALIDATION PROCESS and [2] BIOMETRIC TESTING**
 - **Manually** attempt to contact registrant (at least twice). If Validated, move to verify identity via biometric testing



The stats and outcomes: based on a 3 month sample

PROACTIVE	DATA NOT Validated	ID NOT Verified	Verified	# SUSPENDED
226	216	7	3	223
REACTIVE	DATA NOT Validated	ID NOT Verified	Verified	# SUSPENDED
97	51	3	21	54
323	267	10	24	277

- 99% of the proactive sample suspended
- 56% of the reactive sample suspended
- 86% of total sample suspended



Conclusion:

- **YES, in .nz we see a strong correlation between data not being validated and indicators that the domains were likely registered for abuse/malicious use.**
- **Top categories of abuse types are:**
 - fakeshops/phishing
 - fraudulent (Impersonating govt or financial institutions)
- **Compromised**
 - While not as common in .nz, having accurate registration data will enable the registrant to be contactable if help is required to fix



VI ♥ INTERNET



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The Swedish Internet Foundation is an independent, private foundation that works for the positive development of the internet.

Registrant verification and abuse

Kristian Ørmen

Factsheet

Open to registrants and registrars
from any country

105 registrars

Strict registrar requirements.

Registrars must verify registrants

.se

1 456 166 domains

Registry-Registrar pricing

Registration price before discounts 175 SEK

Average registration price 120 SEK

Renewal 135 SEK

.nu

217 845 domains

Will registrant verification fix abuse?

Absolutely not.

But it is very helpful for law enforcement authorities, in cases where we have valid registrant information and a domain is somehow used in connection with criminal activity.

It's also helpful to contact the domain owner, in the cases where a legit website is hacked and used for example for phishing, against the domain owners will and knowledge.

Registrant protection

Another important reason for a requirement on correct registrant information is to secure a domain registrant never loses the right to their domain.

When the registrant information is incorrect there is a risk that they lose their domain with no way to prove that they own it.

Registrars must verify

The Registrar is responsible for ensuring that the information about the Domain Holder that is submitted to the Domain Name Registry is complete and correct.

The Registrar shall, in an appropriate manner, verify the accuracy of the information that the Domain Holder is obliged to provide according to paragraph 9.1. The Registrar shall subsequently regularly ensure that this information is complete and correct by annually checking the Domain Holder's information.

New domains

We encourage registrars to do registrant verification with eID solutions at registration. If they use eID we offer a 25 SEK registration discount. Currently around 40% of new registrations is verified with eID.

For domains not verified with eID, the registration will have server hold on by default while our systems do a check of the registrant data. If the check fail, we ask the registrar to re-verify the registrant. If the check pass, server hold is removed and the domain is activated.

Existing registrations

If a registrar is aware of incorrect registrant data, they are required to contact the registrant. If the data is not corrected within a reasonable time, the registrar must deactivate the domain using client hold.

From May 2025, we will activate a new system where we can flag a domain for incorrect registration data. The system will inform the registrar with a deadline for re-verification. If the domain is not updated before the deadline the domain will be automatically deactivated with server hold status.

We use data from IQ Global abuse feeds to find domains that might be interesting in this context, since often domains used in abuse, have incorrect registration data.

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Strongly agree

Useful resources for ccTLDs

assist ccTLD Managers to detect and/or mitigate DNS Abuse incidents

Resource library

- Presentations and reports
- Tools
- Definitions, policies
- Articles, commentaries



Geared at ccTLDs, vetted by the DASC editorial board

- Consult & propose additional content

<https://icann-community.atlassian.net/wiki/x/JEJ2Bg>

Dedicated email and contact list

- Subscribe up to 4 contacts per ccTLD
- Quarterly contact list summary
- Closed, but not confidential
- Subscription requests: require authentication



- Share information

DASC-mailing-contacts@icann.org

- Subscribe and read more

<https://icann-community.atlassian.net/wiki/x/JkR2Bg>

Join at menti.com | use code 3835 5221

ICANN | ccNSO

ICANN82 MM | DASC session

How would you rate this session?



Thank you!

ccnsossecretariat@icann.org

Next session: Meeting with ccTLD-related ICANN Board Members