



81

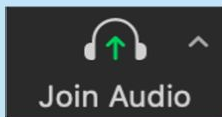
ANNUAL  
GENERAL  
MEETING



# Virtual Participants

1

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



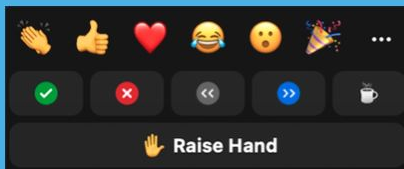
2

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



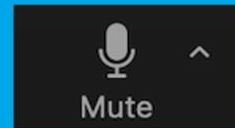
3

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



4

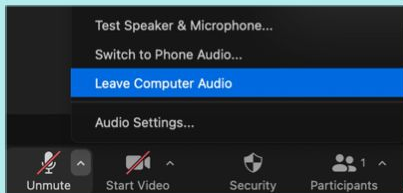
Unmute your **Zoom Audio** when called upon to speak.



# On-Site/In-Room Participants

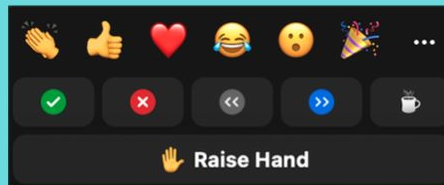
1

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.





# ICANN81 ccNSO Members Meeting - Day 2 DNS Abuse Standing Committee (DASC) Session

Tuesday, 12 November 2024 | 13:15-14:30 local (10:15-11:30 UTC)

**ICANN | ccNSO**

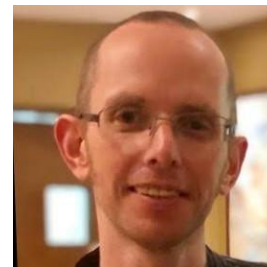
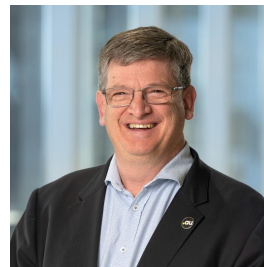
Country Code Names Supporting Organization



# Latest news from DNS Abuse Standing Committee

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

- About DASC
- Headline results 2nd edition DASC survey
  - Bruce Tonkin (.au), DASC Vice Chair
  - Angela Matlapeng
  - Olga Cavalli
- Free tools for Registries to address CSAM
- Heads up webinar on ICANN Domain Metrics
  - Siôn Lloyd (ICANN org)
- Resources for ccTLDs



# 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
  - Dedicated email and contact list
- Understanding the landscape and how to best serve ccTLDs
  - Survey among ccTLDs 2022
  - Survey among ccTLDs 2024 **NEW!**
- 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?

# About the DASC survey 2024

## What changed from 2022?

- Reduced timeframe to respond
  - First edition: September-November 2022
  - Second edition: August-September 2024
- Questions refined to improve clarity and fill gaps (good feedback received!)
- Some new questions to cover use of AI and other industry developments since 2022
- Questions shared offline, to allow ccTLDs to coordinate internally. See <https://ccnso.icann.org/en/announcements/announcement-09aug24-en.htm>

# About the DASC survey 2024

## What remained the same as 2022?

- All ccTLDs were invited to respond, regardless of ccNSO membership
- Results are shared in an anonymised manner
- Responses provide a picture of the ccTLD abuse landscape, and the evolution over time. The survey provides inspiration to DASC regarding upcoming work items

# The 2024 survey results in the context of the ccTLD landscape

- 316 delegated ccTLDs in total (including 61 IDN ccTLDs)
- Some respondents represent multiple ccTLDs, in total about 100 ccTLDs are included in the survey data
- The 10 largest ccTLDs all responded to the survey
- Some ccTLD managers informed DASC they could not respond, for various reasons

# Why are ccTLDs important?

39 %

140 million ccTLDs

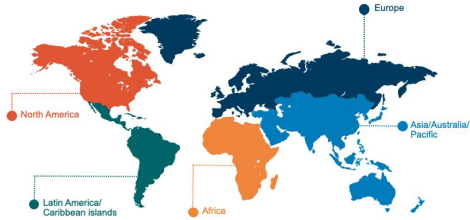
61 %

222 million gTLDs

**7** of the **top 10** largest TLDs are ccTLDs:

.com, **.cn**, **.de**, .net, .org, **.uk**, **.ru**, **.nl**, **.br** and **.au**

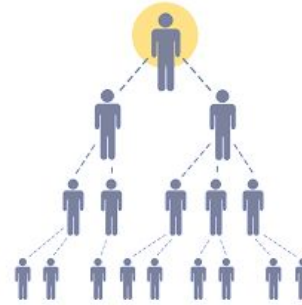
# What makes ccTLDs different?



Region



Independent of ICANN



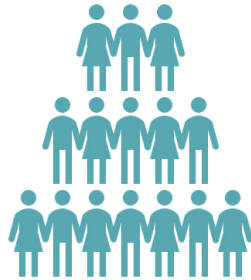
Varying registration models

**UNSAFE**

Very low % domains exposed to DNS Abuse



Range of DUM



Range of staff numbers



Many ccTLDs have an Abuse Officer



Subject to domestic law

# Survey results

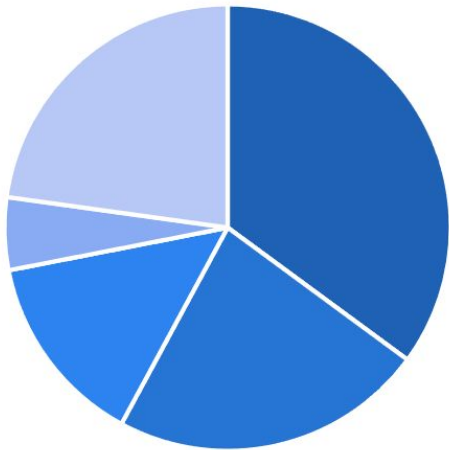
*Initial highlight findings*

# #1

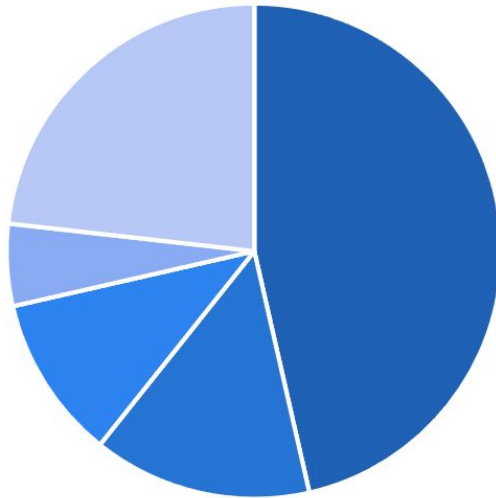
## Survey Participation is broadly comparable 2022 vs 2024

2022 (57 responses)

■ Europe ■ Latin America/Caribbean islands ■ Africa ■ North America ■ Asia/Australia/Pacific



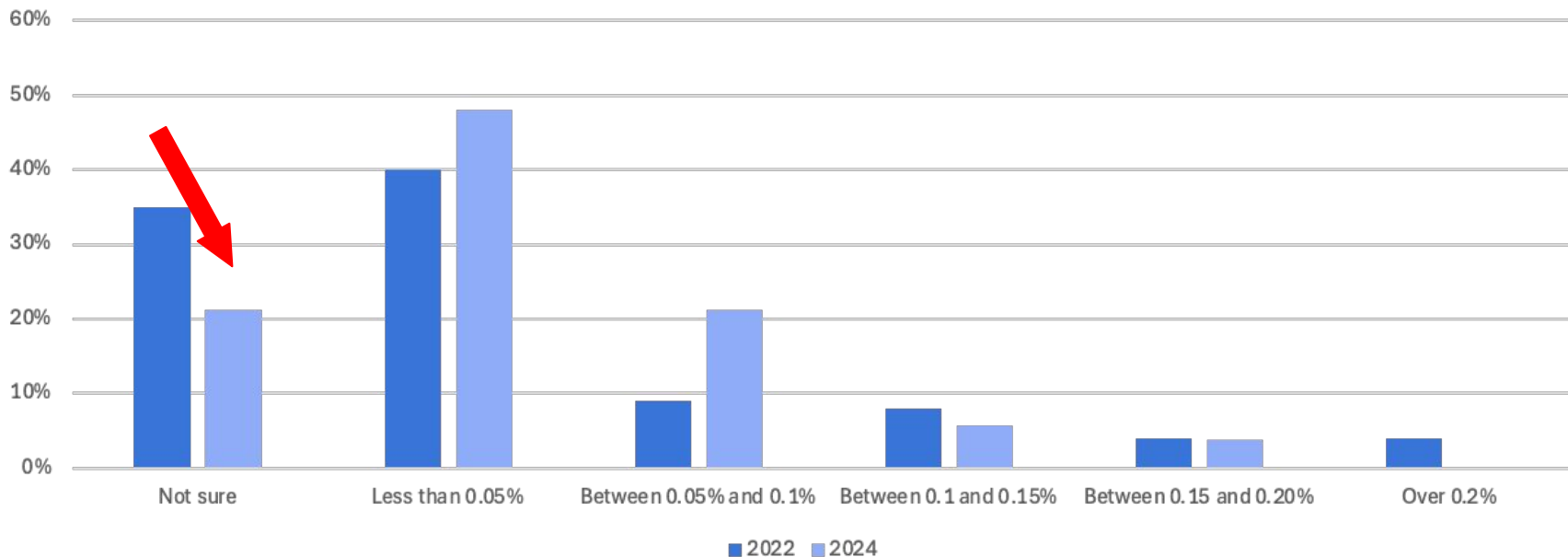
2024 (56 responses)



# #2

## ccTLDs have better awareness of abuse levels

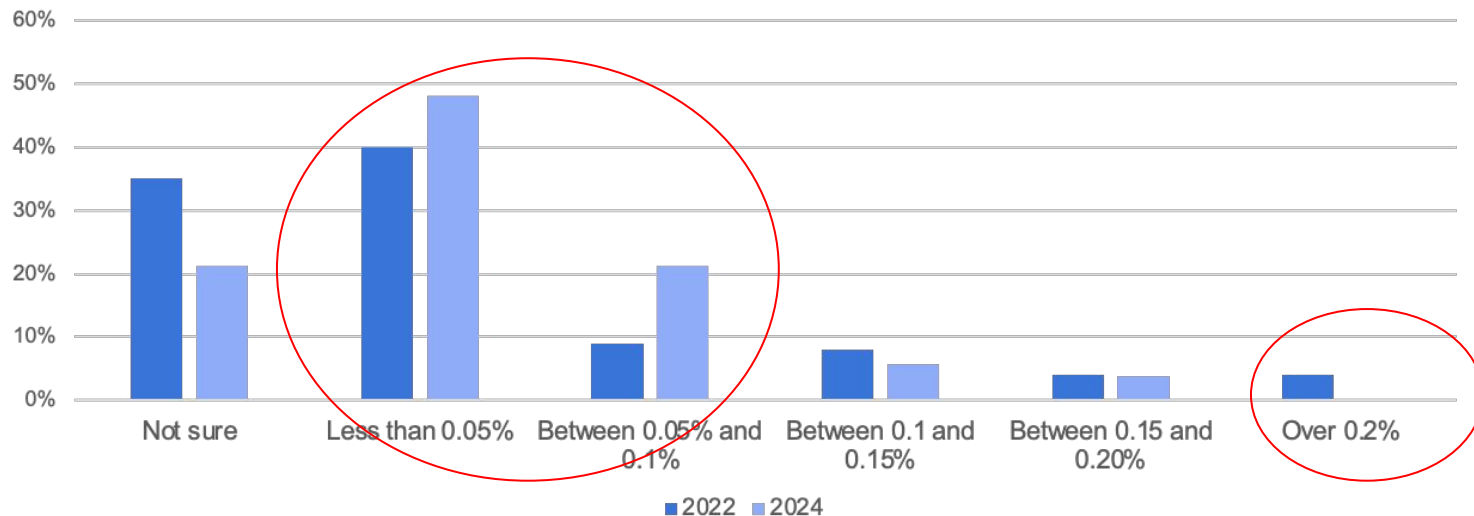
- Significant decrease in the number of respondents 'Not sure' – 35% down to 21%



# #3

## ccTLDs have very low and reducing levels of abuse

- Further reduction in amount of abuse (NB self-reporting)
- 69% of respondents now less than 0.1% vs 49% in 2022



# ccTLDs vs gTLDs

- ccTLDs appear to have an order of magnitude less abuse than corresponding gTLDs (NetBeacon Institute)
- We are trending downwards ... even though we frequently have the same ICANN accredited registrars

## WHY IS THIS

- Smaller addressable market for bad actors?
- Linguistic bias?
- Stronger cooperation with national CERT?
- Governance model?
- More proactive compliance?

WE DO NOT KNOW ... MORE RESEARCH REQUIRED!

# Questions or comments?

# #4

## Still no link between pricing and the level of abuse

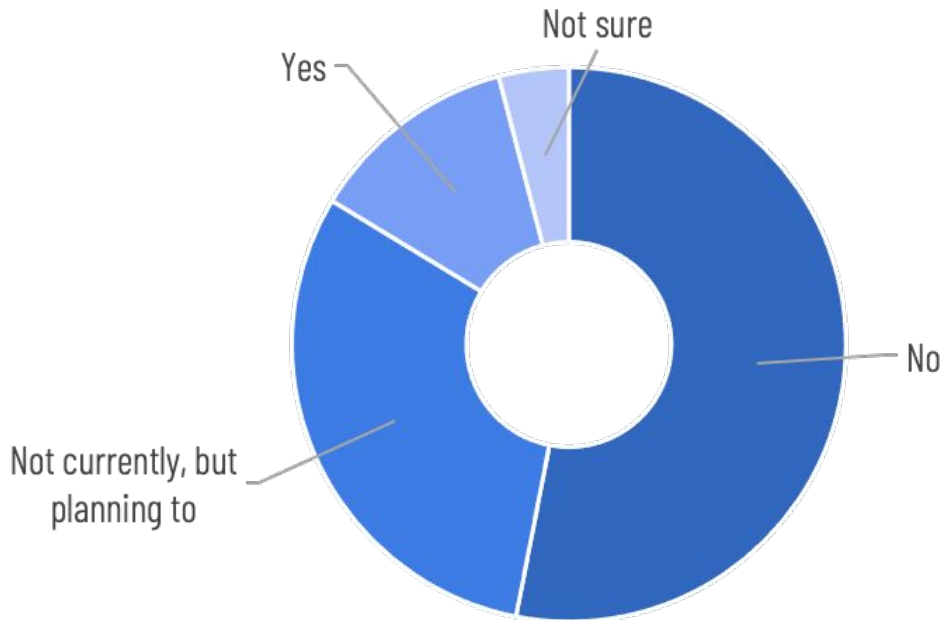
|                       | Less than 0.05% | Between 0.05% and 0.1% | Between 0.1 and 0.15% | Between 0.15 and 0.20% |
|-----------------------|-----------------|------------------------|-----------------------|------------------------|
| Not applicable        | 3               | 1                      | 0                     | 0                      |
| Less than 5 USD       | 2               | 4                      | 1                     | 0                      |
| Between 5 and 10 USD  | 9               | 4                      | 1                     | 2                      |
| Between 10 and 20 USD | 6               | 2                      | 1                     | 0                      |
| Between 20 and 99 USD | 5               | 0                      | 0                     | 0                      |

# Questions or comments?

# #5

## ccTLDs are moving towards use of AI

- My ccTLD uses Artificial Intelligence and/or machine learning for DNS Abuse detection and/or Intelligence:

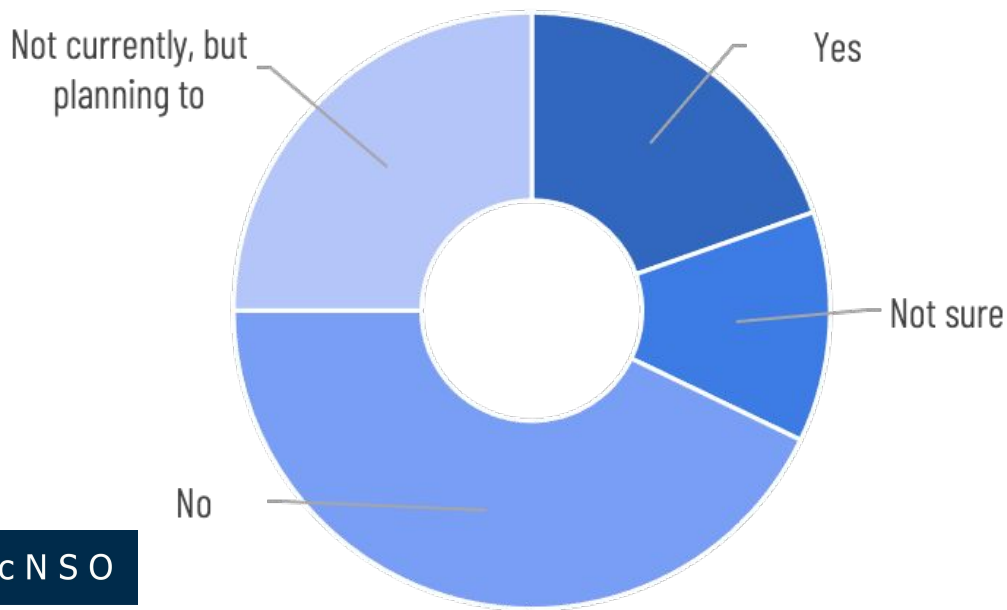


# Questions or comments?

# #6

## Adoption of RRA gTLD DNS Abuse Clauses

There were recent amendments to the base generic top-level domain (gTLD) ICANN Registry Agreement (Base RA) and the 2013 ICANN Registrar Accreditation Agreement (RAA) related to DNS Abuse. Has your ccTLD adopted them?



# Questions or comments?

# Quotes

*"Comprehensive survey"*

*"Opened my eyes on how much we could be doing"*

*"DNS Abuse mitigation has always been key for the ccTLDs operational and security processes"*

*"Abuse moves around between both TLDs and registrars"*

*"Our biggest issue are false positives"*

*"Compromised websites are challenging: often the registration is compliant with registry policies"*

*"Reports of DNS Abuse are often poorly presented or misreported"*

*"It is challenging to explain the legal and regulatory framework our registry operates in"*

# IWF

- PIR is sponsoring two free programs for ccTLDs and gTLDs to help address Child Sexual Abuse Materials in their TLDs:
  - Includes “Domain Alerts” and the “TLD Hopping List”
- Since launching in February of this year:
  - 52 additional TLDs are now enrolled and covered by the programs
  - 20 registry operators (several have multiple TLD portfolios) and 10 ccTLDs
  - Nearly 40M domains now covered that were not previously Includes several many ccTLD registry operators
- These programs are free to registries to use
- To sign up visit:  
<https://www.iwf.org.uk/membership/iwf-domain-services/>

# What is ICANN Domain Metrics and why is it relevant to ccTLDs?

A measurement platform that aims to provide various sets of information about domain names, domain name registration, usage and behavior.

Initially limited to covering domain name abuse, it will evolve and expand to cover any aspect of the domain name ecosystem which might be of interest to the community.

## Questions for ccTLDs

Do we want automatic integration of current DAAR participants?

- Do we need zone file access (like DAAR)?
  - If not, do we still need an MOU?
  - How can we get zone sizes?
- Should ccTLDs be searchable?

# Join the consultation on ccTLD Data Integration in ICANN's Metrica Platform

Join the DASC webinar!

**When?** Wednesday, 4 December 2024 at 14 UTC

**Pre-register here:** <https://bit.ly/4hoXoro>

ICANN's Metrica initial release does not yet include data specific to ccTLDs. However, ccTLDs are invited to join a consultation session, to explore the launch of the next module.

# 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  
<https://community.icann.org/x/Ege7Cg>
- Propose additional content  
<https://community.icann.org/x/DoWZDg>

## 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](mailto:DASC-mailing-contacts@icann.org)

- Read more

<https://community.icann.org/x/BJJME>





82 | COMMUNITY  
FORUM

SEATTLE

# Heads up: ICANN82 and beyond



Join at [menti.com](https://menti.com) | use code 2957 6599

ICANN | ccNSO

ICANN81 DNS Abuse session

# How would you rate this session?



0%

Excellent

0%

Very Good

0%

Neutral

0%

Bad



# Thank you!

[ccnsossecretariat@icann.org](mailto:ccnsossecretariat@icann.org)

Next session: Policy Gap Analysis Working Group Update