

ICANN's Efforts in Response to Domain Name System (DNS) Abuse



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Baseline for DNS Abuse

Within ICANN, DNS abuse refers to these broad 5 categories of harmful activity:



ICANN neither regulates online content nor has the capabilities to remove content. These limitations, however, do not prohibit ICANN from studying or aiding in the mitigation of DNS abuse.

Multifaceted Response to DNS Abuse

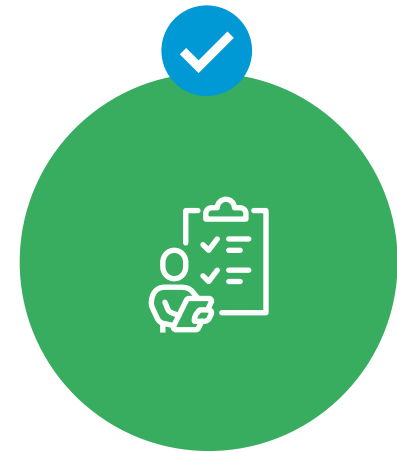
The ICANN org-wide program is built upon these three pillars:



Contributing data
and expertise to
fact-based
discussions



Providing tools to
the ICANN
community



Enforcing contractual
obligations with
registries and
registrars

Measurement

ICANN Org Projects: DAAR

ICANN org supports technical programs to study and help combat DNS abuse.

- The [Domain Abuse Activity Reporting System](#) (DAAR) provides verifiable and reproducible data to facilitate analyses that could be useful in making informed consensus policy decisions.
- DAAR assembles a composite of the domain name reputation data that the operational security community observes, reports, and uses.
- How to join DAAR: Interested country code top-level domain (ccTLD) registries can make a request by sending an email to globalsupport@icann.org.



ICANN Org Projects: **INFERMAL**

A new research project called Inferential analysis of maliciously registered domains (INFERMAL).

The study aims to systematically analyze the preferences of attackers and possible measures to mitigate malicious activities across top-level domains (TLDs) in a proactive way.



ICANN Org Projects: **DNSTICR**

The [Domain Name Security Threat Information Collection and Reporting \(DNSTICR\)](#) project identifies domain names that appear to have been used for malicious purposes and are related to the COVID-19 pandemic or the Russia-Ukraine war.

ICANN sends well evidenced reports of abuse to Sponsoring Registrar.



Capacity Building



ICANN offers **capacity development and training on mitigating DNS abuse**



ICANN also provides subject-matter expertise to, and participates in, various external cybersecurity groups

Visit icann.org/octo to access the course catalogue



Increasing Accountability

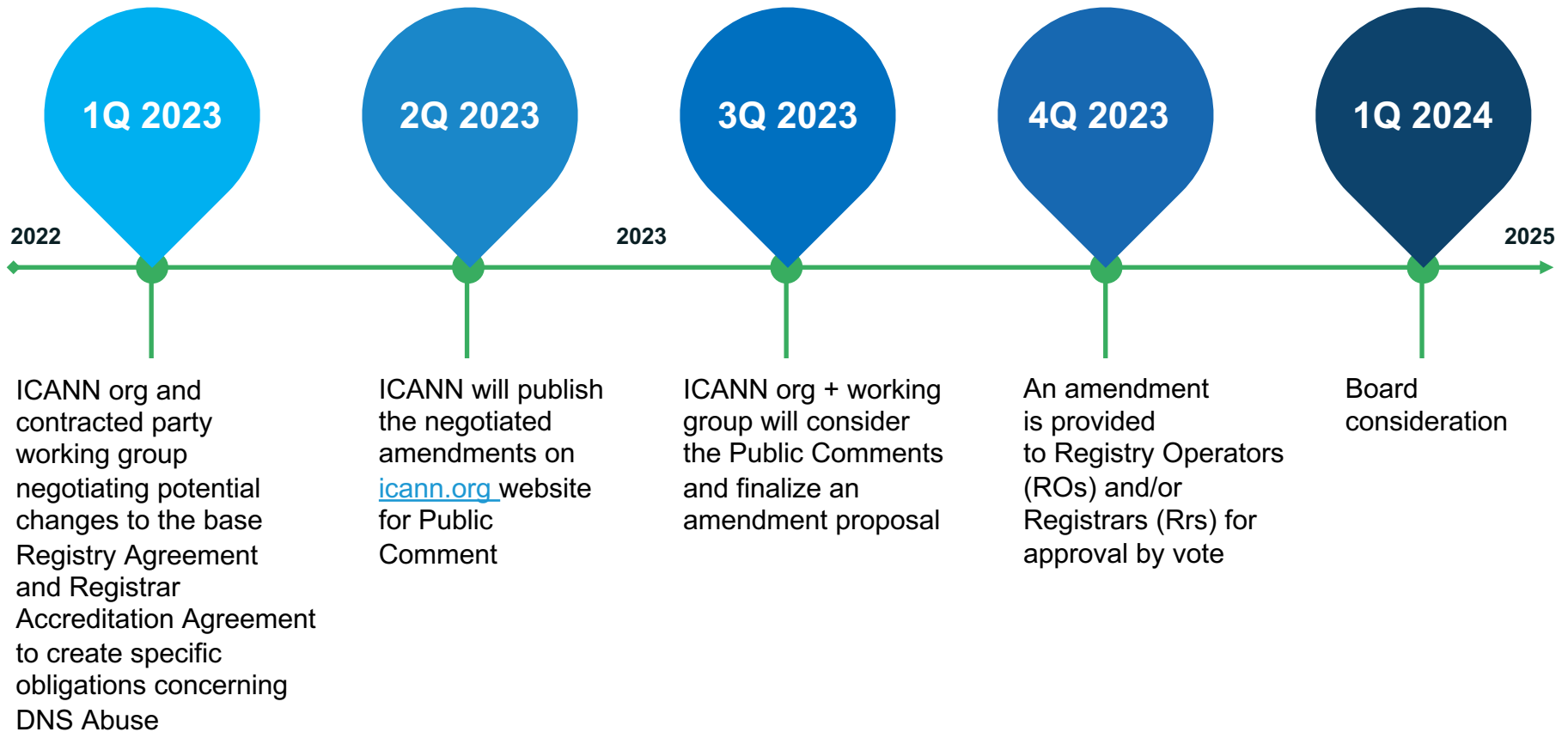
Collaboration with gTLD Registries and Registrars

Important collaboration between the gTLD Registries and Registrars Stakeholder Groups (RySG and RrSG) and ICANN to help address DNS abuse in a tangible way.

By creating clear contractual obligations for registries and registrars to mitigate and or disrupt DNS Abuse.



Increasing Accountability: Target Timeline



Enforcement



Complaints can be filed at <https://www.icann.org/compliance/complaint>



What Do I Do if I Encounter DNS Abuse?

Registrars Best Practices for DNS Abuse Reporting

Before notifying the registrar please determine:



**Where the
issue occurred?**



**What
happened?**



**Who the
reporter is?**

Call to Action: ICANN Community Efforts

The ICANN community is best positioned to determine what policy recommendations, if any, may be needed to mitigate DNS abuse



Engage with ICANN – Thank You and Questions



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