



# DOMAIN TRUST COMMUNITY

A PROJECT OF THE GLOBAL CYBER ALLIANCE

# GLOBAL CYBER ALLIANCE

- The Global Cyber Alliance (GCA) is a nonprofit organization dedicated to making the Internet a safer place by reducing cyber risk.
- We build programs, tools, and partnerships to sustain a trustworthy Internet to enable social and economic progress for all.
- GCA is a 501(c)(3) in the U.S. and a nonprofit in the U.K. and Belgium.
- GCA programs:
  - Capacity & Resilience (GCA Toolkits for end users)
  - Internet Integrity (Focused on infrastructure operators)

# INTERNET INTEGRITY

- GCA's Internet Integrity program aims to bring together key players in Internet infrastructure operations, as well as adjacent industries, to identify top priorities for addressing cybersecurity issues that cannot be solved by any single actor, or subset of actors, independently.
- Internet Integrity projects:
  - AIDE: Automated IoT Defence Ecosystem
  - Domain Trust

# DOMAIN TRUST COMMUNITY

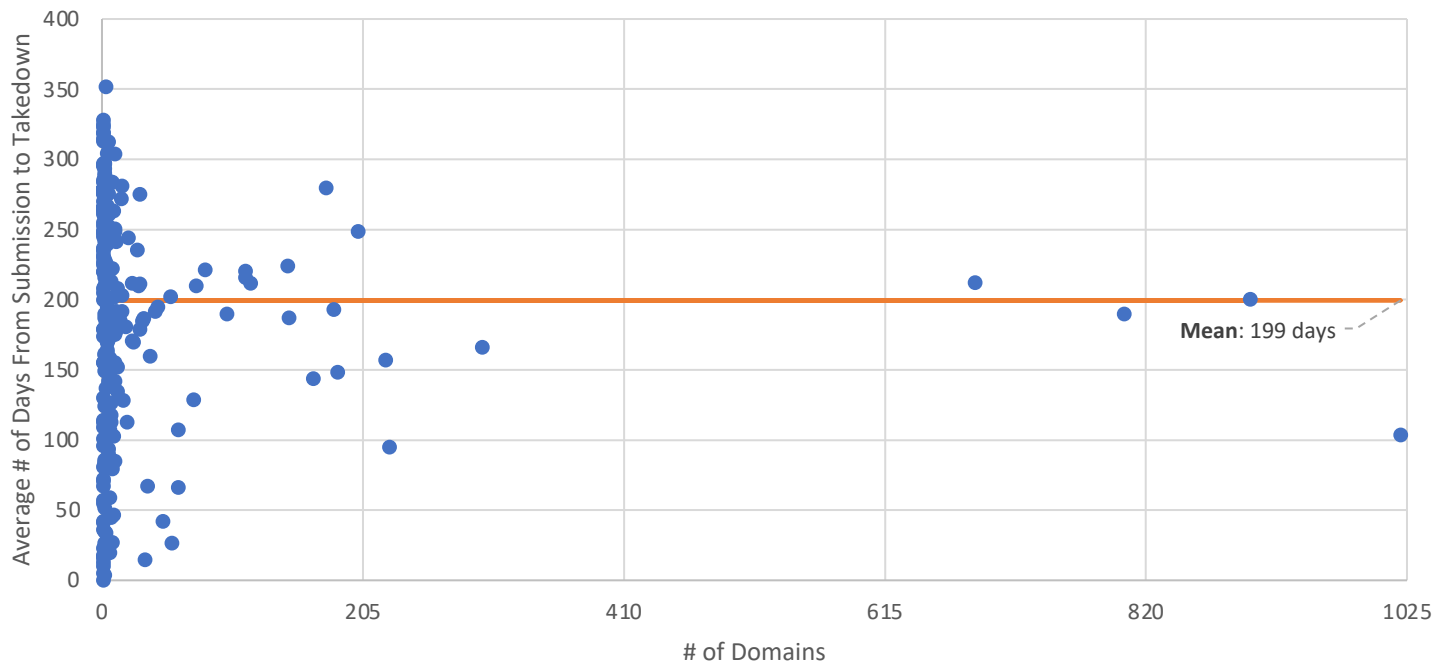
- The Domain Trust Community is:
  - a globally diverse group of infrastructure operators with a shared concern about domain abuse,
  - specifically, domain abuse associated with phishing, malware and command & control activities,
  - neutrally convened by the Global Cyber Alliance, a not-for-profit enabling a secure and trustworthy Internet.
- The goal of Domain Trust is:
  - to increase the integrity of the Internet by decreasing the number and impact of domains registered for cybercrime and other malicious purposes.

# DOMAIN TRUST DATA

- Since 2020, Domain Trust Community members have been contributing data to and consuming data from a shared knowledgebase now numbering over ten million unique malicious domains.
- This globally diverse and rich data set is used to build AI algorithms, perform academic research and determine targets for potential takedown and/or blocking of malicious domains.

# DOMAIN TRUST DATA SAMPLE

Domain Trust - Distribution of Registrars by # Domains & Avg. Takedown Time



- Each dot represents a varying number of domains associated with one individual registrar.
- Graph shows over 9000 domains representing 266 registrars from one week of takedown data.
- Mean time from submission of a malicious domain to Domain Trust to takedown is 199 days.
- "Takedown" could be a preventative action or simply expiration of registration.
- Simply knowing a domain has been reported as malicious is often not sufficient to take action.
- Preventing initial registration of criminal and malicious domains is the goal of this project.

# DOMAIN TRUST PARTICIPANTS\*

- Registrars
  - [Realtime Register](#)
- Registries
  - [EURid](#)
- Hosts
  - [\[YOUR NAME HERE!\]](#)
- CERTs/CSIRTs
  - [NASK/CERT-PL](#)
- Law Enforcement Agencies
  - [EUROPOL EC3](#)
- TELCOs
  - [Saudi Telecom Company](#)
- Industry Associations
  - [Cyber Defence Alliance](#)
- DNS Managers
  - [ICANN](#)
- Resolvers
  - [Quad9](#)
- Financial Institutions
  - [Mastercard](#)
- Anti-Scam Organizations
  - [ScamAdviser/GASA](#)
- Cyber Security Companies
  - [bfore.ai](#)
- Research Organizations
  - [DNS Research Federation](#)
- Government Organizations
  - [Agència de Ciberseguretat de Catalunya](#)
- Technology Conglomerates
  - [meta](#)
- Other Domain Anti-Abuse Organizations
  - [DNS Abuse Institute](#)

\*Representative examples of selected Domain Trust Community Participants...not all participants are listed here

# DOMAIN TRUST MEETINGS

- Community members meet quarterly to discuss best practices and new initiatives in the fight against domain abuse.
- Working groups have been established to:
  - assess and analyze data associated with domain abuse
  - identify and implement best practices for taking action to reduce the number and impact of criminally malicious domains registered for abuse
- New members with shared concern about domain abuse are always welcome!



# CONTACTS

- Dan Owen
  - Product Manager, Domain Trust
  - [dowen@globalcyberalliance.org](mailto:dowen@globalcyberalliance.org)
- Alejandro Fernández-Cernuda Díaz
  - Director of Engagement, Internet Integrity
  - [afcernuda@globalcyberalliance.org](mailto:afcernuda@globalcyberalliance.org)
- <https://www.globalcyberalliance.org/domain-trust/>