GCA'S MISSION.
FOUNDING MEMBERS
Enabling a Secure and Trustworthy Internet

At GCA we build programs, partnerships, and tools to make the connected world safer and more secure for all.
PROBLEM STATEMENT

DOMAIN TRUST.
COMPONENTS

DATA SHARING
Provides intelligence sharing and data replication.

TRUST
Maintains the source and asserted certainty of the data and data submitter.

COMMUNITY
Scales multiple data sources to multiple users who are able to take action.

SCALE
Identifies common data sets, which allows for wider scale effectiveness.

TRANSPARENCY
Ranks data according to provider and confidence.

ACTION
Facilitates data to other platforms that can block criminal sites.
Quad9 as a proving ground (millions of users, 18+ threat feeds, average of 60M daily blocks)

Granular taxonomy, both in terms of providers and certainty

GCA’s independence as a neutral, convening party

GCA’s proven capacity to deliver in similar, large-scale efforts

Ability to be global, taking data across country borders and GTLDs

Capacity to scan the TLD universe for multi-TLD registration checks or infrastructures
DETECTING PATTERNS

DOMAIN TRUST.

- 0097e6a589e36.blackfriday
- 0097e6a589e36.feedback
- 0097e6a589e36.hosting
- 0097e6a589e36.org
- 0097e6a589e36.tickets
- 01303881096b6.blackfriday
- 01303881096b6.feedback
- 01303881096b6.hosting
- 01303881096b6.org
- 01303881096b6.tickets
- 01a15efd7395e.blackfriday
- 01a15efd7395e.feedback
- 01a15efd7395e.hosting
- 01a15efd7395e.org
- 01a15efd7395e.tickets
- 01d424abb7129.blackfriday
- 01d424abb7129.feedback
- 01d424abb7129.hosting
A Law Enforcement or equivalent

B Telco, registry, brand protection agency, social media platform, consumer protection authority

C Consumer review, unchecked police report, social media complaint
Suspicious data is corroborated

Low confidence multi-TLD domains are found

High confidence data is sent to responders

Suspicious data is corroborated

DOMAIN TRUST.
A VIRTUOUS CYCLE
Organization
Clients & Suppliers
Malicious domains impersonating the organization, its clients, suppliers...
Participants take direct action against malicious domains (take-down, block...)
Direct feed of malicious domains to block
Component of the toolkit
Report on malicious domains
Improved protection thanks to Domain Trust
Positive marketing Supply chain security
Facilitation
Organization
GCA Cybersecurity Toolkit
Direct feed of malicious domains to block
Quad9
Domain Trust
WWW
KEY PARTNERS TO DATE

DOMAIN TRUST.
KEY PARTNERS TO DATE

DOMAIN TRUST.
THANK YOU.

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