The DNS Abuse Institute

Introduction

Why?

- Topic of concern within DNS/ICANN community
- No organization with a mandate to address the issue
- Structural impediments for community members to DNS Abuse individually
- PIR has a mission to serve the public interest
- Build on the work of the Framework to Address Abuse

Organizational Pillars

- **Education** - Resources for abuse reporters (IP, LEA Sec), Registrars, Registries

- **Collaboration** - Contribute to discussions, bring interested parties together

- **Innovation** - fund research, provide tools to Registrars and Registries

pir DNS ABUSE INSTITUTE

Definition

- Malware, Pharming, Phishing, Botnets, & Spam (where it's a vehicle for the others).

- Technical harms that use domain names and are exploiting the service provided by Registries and Registrars. Drawn from the Framework to Address Abuse - excludes the voluntary commitments on the egregious content issues.

- Is not intended to encompass the whole range of abuses that Rrs & Rys could or should respond to.

pir DNS ABUSE INSTITUTE

How is DNS Abuse Reduced?

- Educate & Collaboration
- Proactive Measures at Registrars and Registries
  - Registration detection
  - Registration friction
- Reactive Measures
  - Improved reporting: faster, evidenced, de-duped
  - Improved action: faster, thorough, responsive

Initial Focus

Maximum Impact with least implementation

- Resources and tools that don't require integration
- Abuse reporting and abuse mitigation
- Build expertise in key tools
- Standard abuse reporting

pir DNS ABUSE INSTITUTE

Attributes of Harm Mitigation

Where we choose to mitigate harms has consequences

Mitigation requires more sophistication in our approach

- Fast
- Effective
- Simple
- Precise
- Proportional
- Cost effective
- Other Tools

DNS ABUSE INSTITUTE

Get in Touch

✉ graeme@dnsabuseinstitute.org

🐦 @graemebunton

🐦 @dns_abuse

pir DNS ABUSE INSTITUTE