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.PT BACKGROUND

FRAMEWORK TO ADDRESS DNS ABUSE AT .PT

CHALLENGES

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.PT in numbers

- Team of 23 people
- 105 registrars
- +1.400.000 domain names
- 25% growth

Which categories of DNS Abuse does your ccTLD identify?

Our definition:

"Domain name that supports, intentionally or unintentionally, activities of malware dissemination, phishing, pharming, botnets and spam"
(line i) of the Glossary of the .pt Terms & Conditions).

Five broad categories:

malware, botnets, phishing, pharming and spam.

DNS Abuse as technical abuse.

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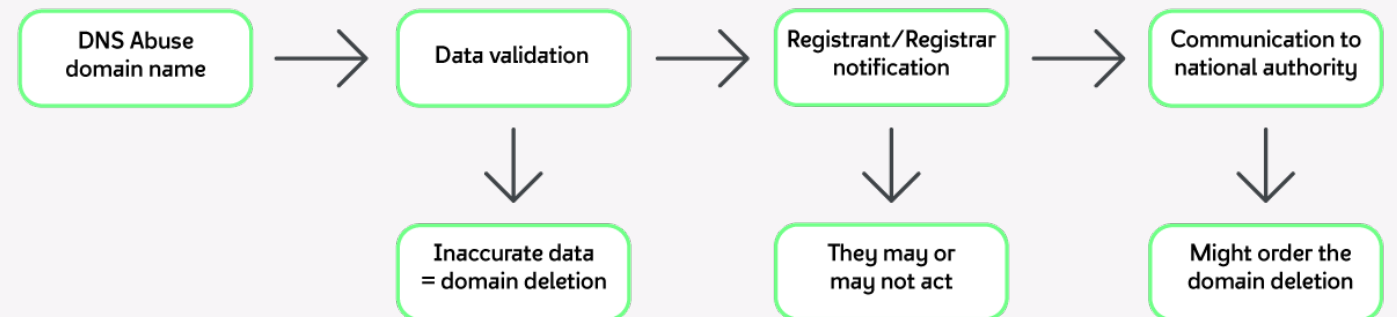# Which detection methods does your ccTLD use?

Preventive measures:

Data validation: periodic checks of the domain registration data.

Proactive measures

- 🛡️ Security Operations Center (SOC)
- 🛡️ Registry Office Abuse Manager
- 🛡️ Abuse@dns.pt

Lifecycle of an abusive domain at .PT

What type of enforcement does your ccTLD adopt?

What are we subject to?

🛡 pt Terms & Conditions:
procedure to deal with domains
used for DNS Abuse purposes

🛡 .PT bylaws

🛡 Law

🛡 Operator of essential services under
the NIS Directive and Law 46/2018

a domain name is immediately deleted/suspended when .PT is notified to do so by a court or an entity with legal powers for this purpose.

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Challenges

- An uniform definition of DNS Abuse and its scope;

- An uniform action plan to deal with DNS Abuse;

- In light of the NIS 2 proposal:

  - a clear purpose limitation to the data accuracy obligation;
  - a clear definition of "relevant information" to identify domain holders(administrative contacts);
  - identification of "legitimate access seekers"

- Reinforce collaboration between law enforcement and other competent authorities and interested parties in order to create a wide level of cybersecurity at the DNS level;

- Raise effective awareness within our communities to the issue of DNS Abuse.

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Thank You!

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