Incident Response WG – current status

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Purpose

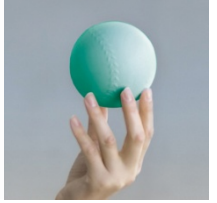
- assist in implementing sustainable **mechanisms for** the **engagement of** and **interaction with ccTLD** registries **during incidents** that may impact the DNS

Scope

- **repository** of ccTLD **contacts and channels of communication** for incident response
- qualification of
  - incidents
  - escalation procedures
  - action paths

Work plan

1.	Define what is considered to be an **incident**	March, 10 th
2.	Define the **use cases** of the contact repository for ccTLDs	April, 30 th
3.	Define **escalation procedures** and **action paths**	May, 30 th
4.	Define the repository **data model** to accomplish the use cases	Brussels meeting
5.	Suggestions to **who will implement, run and maintain the repository** at what level of acceptable **expenditure** covered by whom	Brussels + 1 month



Definition: Incident (to be revised frequently)

Systematic, rigorous preparation of or actual attack on

- the availability of the DNS or registration systems
  - ➔ DDOS, EPP flaw exploit
- the data integrity or privacy of the DNS or registration systems
  - ➔ Zone enumeration, cache poisoning, social engineering
- the stability or security of the internet at large
  - ➔ was: conficker; will be: ???

where a coordinated international response by operators and supporting organisations is advised.

Considered *not* to be an incident for the purpose of this WG is

- the malicious use of the internet itself (e.g. SPAM, …) or
- the unlawful use or misuse of specific domains / content (child pornography, …)
- any routing problems (BGP, …)

1. Contact repository - Sophistication requirements ?
   - Who is entitled to access?
   - Needed security level of access and communication means?
   - Hosted by a professional third party or dedicated ICANN branch or just an IANA database extension?

2. Escalation procedures and action paths
   - Definable in a useful way or “just generic”?

3. Relation / Delineation with respect to existing organisations obliged with related or similar tasks
   - DNS-CERT, DNS-OARC, SSAC, RSIG, CERTs/CSIRTs, FIRST, BTF, ISC SIE, gTLD-initiative?

Questions?

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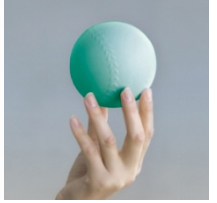
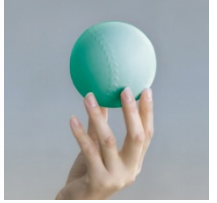
Backup (1)



Contact repository data attributes (first draft)

- ccTLD name
- Name of person representing the team
- Host organization of ccTLD response contact point
- Country the contact is located
- Internet domain
- Regular telephone number (country code, telephone number,time-zone relative to UTC):
- Emergency telephone number (country code, telephone number,time-zone relative to UTC):
- Email address
- Messenger services (service, id)
- Facsimile number (country code, fax number)
- Other telecommunication facilities
- Language

Backup (2)



Use cases (first draft)

- Information exchange
  - Provide a security contact point under any circumstances
  - Generate reports on prevention best practices (technical, process related)
  - Store/compile/give access to migitation lessons learned
- Proactive actions
  - Provide generic action plans
  - Generate reports on potential threats
- Counter action
  - Inform the “participating community” about “an incident”
  - Coordinate responses
  - Facilitate/enable community support for „a community member“