Next-Generation gTLD Registration Directory Service (RDS) to replace WHOIS PDP WG

Handout for Working Group Call
Tuesday 27 February 2018 at 17:00 UTC

ICANN

Proposed Agenda

1. Roll Call/SOI Updates

2. Briefly recap WG's iterative approach to discussion of charter questions

3. Introduce Drafting Team assignment
    a. Provide questions to be answered by drafting teams
    b. Review due dates and process to complete answers as input to ICANN61
    c. Illustrate how to answer questions by examining one purpose:
       Technical Issue Resolution

4. Confirm action items & next steps

5. Confirm next meetings:
    o   Next WG Call: Tuesday 6 March at 17:00 UTC
    o   ICANN 61 F2F: Saturday 10 March from 8.30 - 12.00 Local Time
    o   ICANN 61 F2F: Wednesday 14 March from 15.15 - 18.30 Local Time

Meeting Materials:
https://community.icann.org/x/oAu8B

3a) Introduce Drafting Team Assignment

- Recall that Drafting Teams were used to flesh out possible purpose definitions

  - Drafting Team Outputs on Purposes: https://community.icann.org/x/p4xlAw

  - Current Drafting Team Coordinators, Members, and Mailing Lists: https://community.icann.org/pages/viewpage.action?pageId=71602347

- To address concerns and prepare for effective F2F deliberation on purpose and associated data at ICANN61, the leadership team suggests that purpose drafting teams re-examine their outputs to answer the following questions:

  1. *Who associated with the domain name registration needs to be identified and/or contacted for each purpose?*
  2. *What is the objective achieved by identifying and/or contacting each of those entities?*
  3. *What might be expected of that entity with regard to the domain name?*

3b) Due dates and process to complete ICANN61 input

- ⊙ To accomplish this before ICANN61, we will use our existing small, diverse DTs

    - ○ If you are already a drafting team member, please continue to work on this task within your assigned team

    - ○ If you did not join a drafting team last fall but can commit time to working within a drafting team <u>prior to ICANN61</u>, please email staff no later than 1 March

- ⊙ To kick-start drafting team discussions, the coordinator of each existing drafting team has been asked to email a **first draft** to his/her team

    - ○ All drafting team members are asked to exchange feedback and ideas on the team's **email list over the coming week** to help refine answers to questions

    - ○ Drafting teams to provide a status update during the **6 March WG call**

    - ○ A final draft should be provided to the full WG mailing list **ideally by 5 March (and no later than 7 March)**

3c) Example: Technical Issue Resolution

⊙ To illustrate approach, let's develop answers to these questions for the purpose of Technical Issue Resolution (WG Agreements 46 & 47):

Name	Single-Sentence Definition
Technical Issue Resolution for issues associated with Domain Name Resolution	Information collected to enable contact of the relevant contacts to facilitate tracing, identification and resolution of incidents related to issues associated with domain name resolution by persons who are affected by such issues, or persons tasked (directly or indirectly) with the resolution of such issues on their behalf.

The following information is to be collected for the purpose of Technical Issue Resolution associated with Domain Name Resolution:

- *Technical Contact(s) or*
  (if no Technical Contact is provided) Registrant Contact(s),
- *Nameservers,*
- *Domain Status,*
- *Expiry Date and Time, and*
- *Sponsoring Registrar*

Further text from DT1 output…

User	Purpose	Example Use Cases	Rationale for registration data access
Internet users affected by technical issues or those tasked with technical issue resolution on their behalf	Technical Issue Resolution	Contact to resolve problems with website, hosting, email service, etc.	Facilitate contact with domain contact (individual, role or entity) who can help resolve technical or operational issues with Domain Name (e.g., DNS resolution failures, email delivery issues, website functional issues, compromised hosting)

Tasks:.

- Compromised hosting

- Email not working / Issue with mail servers

- Identifying the hosting provider / registrar

- Problem with DNS hosting - e.g. you can't access a website (name doesn't resolve) - nameservers not responding.

- Website offline

NOTE: resolving technical issues often involves data associated with multiple domain names, e,g., domain, mail domain, nameserver domain, specific service used domain.

Consider 3 questions and possible answers

- Taking into consideration the Drafting Team's previous output: https://community.icann.org/download/attachments/74580012/DT1%20-%20TechIssues-Research-final.pdf

- Let's try to answer these questions

  1. Who associated with the domain name registration needs to be identified and/or contacted for each purpose?
  2. What is the objective achieved by identifying and/or contacting each of those entities?
  3. What might be expected of that entity with regard to the domain name?

- *When answering these questions, please think conceptually.*
  - *Avoid relying only on existing data element names such as "technical contact"*
  - *Explicitly define <u>who</u> must be located or reached*
  - *What might someone querying the RDS for data be trying to accomplish?*
  - *What expectations might they have about that entity and its roles and responsibilities for the affected domain name?*

All DTs asked to try this for other purposes, for discussion at ICANN61

Confirm action items and decision points

27 February WG Call Meeting Materials:
https://community.icann.org/x/oAu8B

Next call: Tuesday 6 March, 2018 at **17:00 UTC**
Agenda: Status updates from each DT

DT definitions for each possible purpose

Name	Single-Sentence Definition
Technical Issue Resolution for issues associated with Domain Name Resolution	Information collected to enable contact of the relevant contacts to facilitate tracing, identification and resolution of incidents related to issues associated with domain name resolution by persons who are affected by such issues, or persons tasked (directly or indirectly) with the resolution of such issues on their behalf.
Academic or Public Interest Research	Information collected to enable use of registration data elements by researchers and other similar persons, as a source for academic or other public interest studies or research, relating either solely or in part to the use of the DNS.
Domain Name Management	Information collected to create a domain name registration, enabling management of the domain name registration, and ensuring that the domain registration records are under the control of the authorized party and that no unauthorized changes or transfers are made in the record.
Individual Internet Use	Collecting the required information of the registrant or relevant contact in the record to allow the internet user to contact or determine reputation of the domain name registration.

DT definitions for each possible purpose

Name	Single-Sentence Definition
Domain Name Certification	Information collected by a certificate authority to enable contact between the registrant, or a technical or administrative representative of the registrant, to assist in verifying that the identity of the certificate applicant is the same as the entity that controls the domain name.
Domain Name Purchase/Sale	Information to enable contact between the registrant and third-party buyer to assist registrant in proving and exercising property interest in the domain name and third-party buyer in confirming the registrant's property interest and related merchantability.
ICANN Contractual Enforcement	Information accessed to enable ICANN Compliance to monitor and enforce contracted parties' agreements with ICANN.
Regulatory Enforcement	Information accessed by regulatory entities to enable contact with the registrant to ensure compliance with applicable laws.

DT definitions for each possible purpose

Name	Single-Sentence Definition
Legal Actions	Includes assisting certain parties (or their legal representatives, agents or service providers) to investigate and enforce civil and criminal laws, protect recognized legal rights, address online abuse or contractual compliance matters, or to assist parties defending against these kinds of activities, in each case with respect to all stages associated with such activities, including investigative stages; communications with registrants, registration authorities or hosting providers, or administrative or technical personnel relevant to the domain at issue; arbitrations; administrative proceedings; civil litigations (private or public); and criminal prosecutions.
Criminal Activity/ DNS Abuse – Investigation	Information to be made available to regulatory authorities, law enforcement, cybersecurity professionals, IT administrators, automated protection systems and other incident responders for the purpose of enabling identification of the nature of the registration and operation of a domain name linked to abuse and/or criminal activities to facilitate the eventual mitigation and resolution of the abuse identified: Domain metadata (registrar, registration date, nameservers, etc.), Registrant contact information, Registrar contact Information, DNS contact, etc..

DT definitions for each possible purpose

Name	Single-Sentence Definition
Criminal Activity/ DNS Abuse – Notification	Information collected and made available for the purpose of enabling notification by regulatory authorities, law enforcement, cybersecurity professionals, IT administrators, automated protection systems and other incident responders of the appropriate party (registrant, providers of associated services, registrar, etc), of abuse linked to a certain domain name registration to facilitate the mitigation and resolution of the abuse identified: Registrant contact information, Registrar contact Information, DNS contact, etc..
Criminal Activity/ DNS Abuse – Reputation	Information made available to organizations running automated protection systems for the purpose of enabling the establishment of reputation for a domain name to facilitate the provision of services and acceptance of communications from the domain name examined: Domain metadata (registrar, registration date, nameservers, etc.), Registrant contact information, Registrar contact Information, DNS contact, etc..

Drafting Teams

ⓘ Drafting team **#1: Technical Issue Resolution -and- Academic or Public Interest DNS Research**

Mailing list address: gnso-rds-pdp-1@icann.org

Mailing list archive: http://mm.icann.org/pipermail/gnso-rds-pdp-1/

Coordinated by: Michele Neylon

Members: Greg Aaron, Alan Woods, Greg Shatan, Stephanie Perrin, Jonathan Matkowsky, Nathalie Coupet, James Galvin.

ⓘ Drafting team **#2: Domain Name Control -and- Individual Internet Use**

Mailing list address: gnso-rds-pdp-2@icann.org

Mailing list archive: http://mm.icann.org/pipermail/gnso-rds-pdp-2/

Coordinated by: Alex Deacon

Members: Maxim Alzoba, Volker Greimann, Brian Winterfeldt, Tapani Tarvainen, Alan Greenberg, Daniel Nanghaka, Andrew Sullivan, Susan Kawaguchi

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ⓘ Drafting team **#3: Domain Name Certification**

Mailing list address: gnso-rds-pdp-3@icann.org

Mailing list archive: http://mm.icann.org/pipermail/gnso-rds-pdp-3/

Coordinated by: David Cake

Members: Kal Feher, Carlton Samuels, Jeremy Malcolm, Arsene Tungali

Drafting Teams

ⓘ Drafting team **#4: Business Domain Name Purchase/Sale**

Mailing list address: gnso-rds-pdp-4@icann.org

Mailing list archive: http://mm.icann.org/pipermail/gnso-rds-pdp-4/

Coordinated by: Lisa Phifer

Members:Rob Golding, Fabricio Vayra, Sam Lanfranco, Brian Scarpelli, Benjamin Akinmoyeje, Erica Varlese

ⓘ Drafting team **#5: Regulatory or Contractual Enforcement**

Mailing list address: gnso-rds-pdp-5@icann.org

Mailing list archive: http://mm.icann.org/pipermail/gnso-rds-pdp-5/

Coordinated by: Chuck Gomes

Members: Elizabeth Bacon, Theo Geurts, Steve Metalitz, Krishna Seeburn, Farell Folly, Bastiaan Goslings

ⓘ Drafting team **#6: Legal Actions**

Mailing list address: gnso-rds-pdp-6@icann.org

Mailing list archive: http://mm.icann.org/pipermail/gnso-rds-pdp-6/

Coordinated by: Chuck Gomes

Members: Paul Keating, Roger Carney, Vicky Sheckler, Farzaneh Badii, Griffin Barnett, Juan Manuel Rojas.

Drafting Teams

> (i) Drafting team **#7: Criminal Investigation or DNS Abuse Mitigation**
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> Mailing list address: gnso-rds-pdp-7@icann.org
>
> Mailing list archive: http://mm.icann.org/pipermail/gnso-rds-pdp-7/
>
> Coordinated by: Marika Konings
>
> Members: Richard Leaning, Marc Anderson, Kiran Malancharuvil, Ayden Ferdeline, Rod Rasmussen, Raoul Plommer.

Drafting Team Outputs on Purposes:
https://community.icann.org/x/p4xIAw

Current Drafting Team Coordinators, Members, and Mailing Lists:
https://community.icann.org/pages/viewpage.action?pageId=71602347