Joint IETF REGEXT And ICANN TechOps

20 October 2021

Agenda

- Use of Internationalized Email Addresses in the Extensible Provisioning Protocol (EPP)
  - https://datatracker.ietf.org/doc/draft-ietf-regext-epp-eai/
- Redacted Fields in the Registration Data Access Protocol (RDAP) Response
  - https://datatracker.ietf.org/doc/draft-ietf-regext-rdap-redacted/
- Using JSContact in Registration Data Access Protocol (RDAP) JSON Responses
  - https://datatracker.ietf.org/doc/draft-ietf-regext-rdap-jscontact/
- Registration Data Access Protocol (RDAP) Reverse search capabilities
  - https://datatracker.ietf.org/doc/draft-ietf-regext-rdap-reverse-search/
- Simple Registration Reporting
  - https://datatracker.ietf.org/doc/draft-ietf-regext-simple-registration-reporting/

Objective

- These documents are technical specifications
  - Propose changes or enhancements to EPP, RDAP, or operations
  - Potential to impact registries and registrars
- These are "how to" specifications. "Whether" and "when" to do what is described here is a policy decision, perhaps ICANN or local
- Question to the group
  - **Are these specifications the best way to achieve the goal?**
- Please join the REGEXT mailing list to continue the technical discussions
  - **https://www.ietf.org/mailman/listinfo/regext**

Use of Internationalized Email Addresses in the Extensible Provisioning Protocol (EPP)

- https://datatracker.ietf.org/doc/draft-ietf-regext-epp-eai/

This document describes an EPP extension that permits usage of Internationalized Email Addresses in the EPP protocol and specifies the terms when it can be used by EPP clients and servers. The Extensible Provisioning Protocol (EPP), being developed before appearing the standards for Internationalized Email Addresses (EAI), does not support such email addresses.

Redacted Fields in the Registration Data Access Protocol (RDAP) Response

- https://datatracker.ietf.org/doc/draft-ietf-regext-rdap-redacted/

This document describes an RDAP extension for explicitly identifying redacted RDAP lookup response fields, using JSONPath as the default expression language.

Using JSContact in Registration Data Access Protocol (RDAP) JSON Responses

- https://datatracker.ietf.org/doc/draft-ietf-regext-rdap-jscontact/

This document describes an RDAP extension which represents entity contact information in JSON responses using JSContact.

Registration Data Access Protocol (RDAP) Reverse search capabilities

- https://datatracker.ietf.org/doc/draft-ietf-regext-rdap-reverse-search/

The Registration Data Access Protocol (RDAP) does not include query capabilities to find the list of domains related to a set of entities matching a given search pattern. In the RDAP context, an entity can be associated to any defined object class. Therefore, a reverse search can be applied to other use cases than the classic domain-entity scenario. This document describes RDAP query extensions that allow servers to provide a reverse search feature based on the relationship between any searchable object and the related entities.

Simple Registration Reporting

- https://datatracker.ietf.org/doc/draft-ietf-regext-simple-registration-reporting/

Domain name registries (the producer) and registrars (the consumer) report to each other by sharing bulk information through files. This document creates two IANA registries to establish a standard reporting mechanism between domain name registries and registrars. The first IANA registry lists standard data elements and their syntax for inclusion in the files. The second IANA registry lists standard reports based on the standard data elements. Each report is a file formatted as a CSV file. The advantage of this reporting mechanism is that a report, each file, can be imported by recipients without any prior knowledge of their contents, although reporting is enhanced with a minimum of knowledge about the files. The mechanism for the distribution of and access of the files is a matter of local policy.

AOB

- Question to the group
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