draft-hollenbeck-regext-rfc7482bis Registration Data Access Protocol (RDAP) Query Format

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- Purpose
  - Address known errata and clarifications necessary to advance to Internet Standard status
  - NO PROTOCOL CHANGES!
- Approach
  - Describe change proposal on the mailing list
  - Document accepted changes (these slides)
  - Submit for next steps

Change #1

- https://www.rfc-editor.org/errata/eid5621
- OLD

    IDN: Internationalized Domain Name

    IDNA: Internationalized Domain Names in Applications, a protocol for the handling of IDNs.

- NEW

    IDN: Internationalized Domain Name, a fully-qualified domain name containing one or more labels that are intended to include one or more Unicode code points outside the ASCII range (cf. "domain name", "fully-qualified domain name" and "internationalized domain name" in RFC 8499 [RFC8499]).

    IDNA: Internationalized Domain Names in Applications, a protocol for the handling of IDNs. In this document, "IDNA" refers specifically to the version of those specifications known as "IDNA2008" [RFC5890].

Change #2

- Introduction
- OLD
  - registrars by name; and
  - entities (such as contacts) by identifier.
- NEW
  - entities (such as registrars and contacts) by identifier.

Change #3

- Section 2.1
- OLD
  Domain Name Registry
- NEW
  Domain Name Registry or Domain Name Registrar

Change #4

- Section 3

- OLD

    The bootstrap registry does not contain information for query objects that are not part of a global namespace, including entities and help. A base URL for an associated object is required to construct a complete query.

- NEW

    The bootstrap registry does not contain information for query objects that are not part of a global namespace, including entities and help. A base URL for an associated object is required to construct a complete query. *This limitation can be overcome for entities by using the practice described in RFC 8521 [RFC8521].*

Change #5

- Sections 3.1.1, 3.1.2, 3.1.3

- OLD

  Queries for information about IP networks are of the form /ip/XXX/…

- NEW

  Queries for information about IP networks are of the form /ip/XXX

(Removed extraneous "…" in each description)

Change #6

- Section 3.2

- OLD

  The HTTP query string is formed using a concatenation of the question mark character ('?', US-ASCII value 0x003F), the JSON object value associated with the object being searched for

- NEW

  The HTTP query string is formed using a concatenation of the question mark character ('?', US-ASCII value 0x003F), *a noun representing the JSON object property* associated with the object being searched for

Change #7

- Section 3.2.1
- OLD

  Syntax: domains?nsLdhName=<domain search pattern>

  Syntax: domains?nsIp=<domain search pattern>

  XXXX is a search pattern representing a domain name in "letters, digits, hyphen" (LDH) format [RFC5890] *in a zone administered by the server operator of a DNR*.

  YYYY is a search pattern representing a host name in "letters, digits, hyphen" format [RFC5890] *in a zone administered by the server operator of a DNR*.

- NEW

  Syntax: domains?nsLdhName=<*nameserver* search pattern>

  Syntax: domains?nsIp=<*IP address* search pattern>

  XXXX is a search pattern representing a domain name in "letters, digits, hyphen" (LDH) format [RFC5890].

  YYYY is a search pattern representing a host name in "letters, digits, hyphen" format [RFC5890].

Change #8

- Section 3.2.2
- OLD

    Syntax: nameservers?ip=<nameserver search pattern>

    XXXX is a search pattern representing a host name in "letters, digits, hyphen" format [RFC5890] *in a zone administered by the server operator of a DNR*.

- NEW

    Syntax: nameservers?ip=<*IP address* search pattern>

    XXXX is a search pattern representing a host name in "letters, digits, hyphen" format [RFC5890].

Change #9

- Section 4.1
- OLD

  A character string representing multiple domain name labels MAY be concatenated to the end of the search pattern to limit the scope of the search.

- NEW

  A character string representing *a domain label suffix* MAY be concatenated to the end of the search pattern to limit the scope of the search.

  Only a single asterisk is allowed for a partial string search.