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](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
  o registrars by name; and
  o entities (such as contacts) by identifier.

• NEW
  o 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.*