

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

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# draft-hollenbeck-regext-rfc7482bis

- 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.*