

draft-ietf-regext-rdap-rir-search-03



Tom Harrison (tomh@apnic.net)
Jasdip Singh (jasdips@arin.net)
IETF 118 REGEXT Working Group

What is this about?

- New functionality:
 - Define searches by handle and by name for both IP ranges and ASNs
 - Define new link relations and searches that can be used to get less- and more-specific objects for a given IP range, ASN range, or domain
 - Document how reverse search can be used for IP addresses and ASNs
- By implementing this functionality, an RIR RDAP service operator will reach feature parity with existing RIR Whois services
 - RDAP becomes a complete alternative to Whois

Changes since 02 (IETF 117)

- Expand examples to cover searches based on arbitrary resource ranges, in addition to searches based on objects
 - Helped to clarify behaviour
- Clarify 'status' parameter behaviour
- Miscellaneous editorial changes
- Links remain optional
 - Per question raised at previous IETF
 - Less chance of implementation problems leading to incorrect inferences on the part of clients

Questions/issues

- Extension identifier is not used in path segments
 - Feedback from James Gould on list in favour of a more standards-compliant approach (gave various options)
 - Current text is based on RIR consensus
 - See also section 6 of draft-newton-regex-rdap-extensions-01
 - Need more input from WG
 - If WG consensus is in favour of a more standards-compliant approach, will register additional 'ips' and 'autnums' identifiers per second suggestion from James

Next steps

- Finalise approach to extension identifier
- WGLC