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

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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-regext-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