

draft-ietf-regext-rdap-rir-search-02



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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 that can be used to get the 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 01 (IETF 116)

- “INR registries” → “RIRs”
 - Other way around in the previous version
 - Reverted to “RIRs” for consistency with other RDAP documents
 - Noted in document that it can be used by any number registry
- Add ‘top’/‘bottom’ searches
 - Previously only ‘up’/‘down’
- Add ‘status’ query parameter to searches
- Define specific search path segments
 - In addition to the link relations
- No longer marked as updating 7480, 9082, 9083

Questions/issues

- ‘Bottom’ search includes argument object, if nothing more specific covers it
 - Is this a good idea?
- Should the links be mandatory, if the relevant object(s) are present?
 - Absence of link used to infer absence of object(s)

Next steps

- Still pending input from subregional registries
- Add more example queries/responses
 - In particular, for searches that don't map to objects
- Clarify that the 'status' parameter applies to all objects in the result set