An RDAP Extension for RPKI Registration Data

REGEXT WG

Jasdip Singh, ARIN
Andy Newton, ICANN

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Changes Since 00

- Rename the `autnum` member as `customerAutnum` in the ASPA RDAP object class
- Include message digests that entirely cover an RPKI object
- RDAP for delegated and hybrid RPKI
- De-conflict lookup path segments
- More useful reverse searches
- Include RPKI-related reverse search links in entity, IP network, and autonomous system number objects
- No need for search by handle when lookup by handle is available

Activities

- ARIN prototyped salient lookup and search paths
- ARIN demo-ed the prototype to other RIRs

Next Steps

- Add Implementation Status section
- Incorporate feedback from the prototype demo
- Request WGLC

References

- Draft: https://datatracker.ietf.org/doc/draft-ietf-regext-rdap-rpki/
- GitHub: https://github.com/jasdips/rdap-rpki