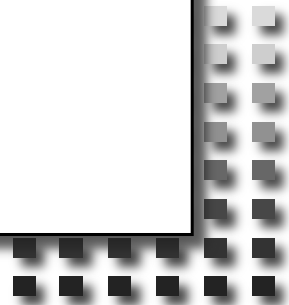




RESTful Provisioning Protocol (RPP)

**IETF 121
2–3 November 2024
Dublin, Ireland**



RESTful Provisioning Protocol

- RPP is a new proposed standard for domain name provisioning using a RESTful API.
 - Based on HTTP using the REST architectural style
 - Compatible (where possible) with existing EPP standards (STD69)
 - Using JSON data format and schema validation

Hackathon Plan

- Requirements for the protocol framework
- Requirements for object representations
- Modeling of object representations into JSON

What got done

- Updated requirements document:
 - Authentication
 - EPP Compatibility level
 - Extensibility

<https://github.com/SIDN/ietf-wg-rpp-charter/blob/main/requirements.md>

- Prototype data model representation for domain

<https://github.com/pawel-kow/RPP-current-work>

- Create TypeSpec API design prototype

<https://github.com/SIDN/ietf-rpp-api/tree/main/typespec>

What we learned

- We can learn from experience from EPP design to carry over the relevant parts to RPP and to drop not used legacy parts
- RPP can build in commonly used EPP extensions
- Still lot of open questions:
 - Use of jsContact

Wrap Up

Team members:

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Maarten Wullink

Darell Miller

Andrew Newton

Stefan Ubbink

Martin Casanova

**Join our RPP BoF
on 09:30
Wednesday**