

6 November 2024

# RPP BoF

## Charter Discussion

# RPP Working Group Charter

Proposed charter in GitHub

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

Shorter: <https://links.novalug.org/rpp>

Small, single issue PRs are best.

# Background and Problem Space

- Same/similar problem space as Extensible Provisioning Protocol (EPP).
- EPP is 20 years old, widely used for domain registrations.
  - Most common, but not used everywhere.
- Desire for REST / HTTPS / JSON provisioning protocol.
  - Already in use by some ccTLDs.
  - Their experience has shown easy integration with registrars.
  - Lots of tooling and infrastructure for this type of architecture.

# Objective and Scope

- NOT a replacement for EPP.
  - Changes to EPP off limits.
  - May use lessons learned from EPP (e.g. extensibility).
  - Liaise with REGEXT (home of EPP) as required.
- Desire for protocol high on the Richardson Maturity Model for REST.
  - L0: Single verb, single URI use of HTTP
  - L1: Resources as URIs
  - L2: Multiple HTTP verbs
  - L3: Hypermedia (e.g. links)

# Mapping, Not Migration

- Out of scope:
  - How to migrate from EPP to RPP.
- In scope:
  - Mapping of status values.
  - Mapping of data model.
  - Mapping of operations.
  - Ex. RFC 8056 mapping of EPP ↔ RDAP status values.

# First Deliverables

- Working Group operational practices to be published on WG wiki.
  - usage of tools beyond the datatracker (e.g. GitHub).
  - implementation requirements.
  - etc...
- Establish Protocol Requirements via written, documented WG Consensus.
  - To be published on the WG wiki.
  - Revisions to be tracked.
  - See IESG statement on support documents (2023-08-24)

# Milestones

- List of potential documents:
  - Core architecture for provisioning of domain names.
  - Specifications of core architecture.
  - Mappings.
- All WG documents must have a written record (in the wiki?) of how they map to WG charter.
  - Approved by the chairs.

# Charter Questions

- Who has read the charter?
- Is this a problem that needs solving?
- Is the IETF the place to solve it?
- Does the charter describe the motivation as presented in this session?
- Does the charter reasonably scope the work? If not, why not?
- Does the charter describe the deliverables to be produced by the working group?
- Do we have enough people and the right people to work on this problem in the IETF?



# Mic Queue

## In-person participants

- Use Meetecho (usually the “Meetecho lite”) client to:
  - join the mic queue
- *Keep audio and video off if not using the onsite version.*

## Remote participants

- Make sure your audio and video are off until it is your turn.
- Use of a headset is strongly recommended.

