RESTful EPP - Status

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RESTful EPP

- Mapping EPP commands to a RESTful API

- Added value:

  - Scalability

  - Performance

  - Usability

  - Security

  - Avoid fragmentation

- XML and JSON format support

- Documents

  - draft-wullink-restful-epp

  - draft-wullink-restful-epp-json

Progress since last meeting

- Working on OpenAPI spec (Hackathon)

  - JSON support including generic conversion of EPP XSDs into JSON schema

  - Client and server code can be generated from spec (multiple language bindings)

  - Working PoC for extensions support

- Working on running code for reference implementation

- Positive CENTR community feedback

Rough consensus so far

- IETF 118 Prague
  - First draft presented
  - The work is useful and important
  - There should be a split between RESTful EPP with XML representation and then evolution to JSON
- IETF 119 Brisbane
  - There is support but also a concern that proposal is not RFC5730 compliant
  - The way forward with regard to charter is not clear
- Mailing list

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What is the best path forward?

How formally fit this work into the IETF process?

1) WG to adopt this work?

- Is it an extension (in a wider sense)?

- Work on WG re-charter in parallel (if required)?

2) Create a new WG (NEXTGEN-EPP)?

- Focus on a next generation RESTful EPP?

- Cleaner and no distractions by work on EPP/RDAP extensions?

Side Meeting

Thursday, Tennyson 1300-14:00