RESTful EPP - Status

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IETF 120

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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
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