DNS Charter

"You are in a maze of twisty little working groups, all alike"

A Brief History of DNSOP

- First Chartered in 1999
    - No changes to charter since
- Organized around Root Server Operators
- Initial Focus on IPv6 and DNSSEC
    - Wide-Scale Deployment "imminent"
- There was still ongoing protocol work

Duplication of Energy

- Over time, lines between DNSEXT and DNSOP blurred
- Even small protocol changes have operational impact
- More large scale DNS deployments outside of the root zones
  - Focus on automation, tooling, performance

"DNS is Done", O. Gudmundsson

- IETF89 has 8 WGs or BoFs with a strong DNS focus
  - (If we trust the math of [Dan York](#))
- There is still ~~innovation~~ work in this space
  - Privacy (DNSE)
  - Security (DANE)
  - gTLDs (EPPEXT)
- Other groups look to DNSOP for direction
  - IESG and the "special names" discussion
  - DNS Privacy/Confidentiality discussion

Where does DNSOP fit in?

- It's OK for Ops WGs to have somewhat open-ended charters
- We have the largest collection of DNS knowledge, are we using it effectively?
    - Long-lived groups can get insular, which is unhelpful to IETF
    - We must use our powers for good, not evil
- Some people view DNSOP as the 'garbage collector' of DNS-related drafts
    - Cons: Chance for a lot of garbage
    - Pros: May find a nugget in there

Chair's Suggestions

- In the spirit of the IETF, "Be liberal in what you accept", we should be willing to accept a variety of DNS-related topics.
  - But be conservative on what we pass along
  - ADs want to avoid drafts that aren't useful
- However, be willing to reach consensus in a "timely manner"
  - Avoid festering drafts
  - Sane (and updated) milestones

DNSOP Maintenance and Extensions

- Help drive the discussions for DNS 'problems'
  - Work to define the problem space
  - Decide if it can be done here or spun out
  - Guidance to the AD's for new WG Direction

- Minor protocol ("protocol maintenance") work should be OK

- Our Wonderful AD's are open to these idea.
  - Want to hear from the group

Do's and Don'ts

- What we should cover
  - EDNS0 Extensions
  - Minor Protocol Changes
    - cookies
    - start-tls
- What we won't cover
  - Protocol rewrites
  - But we should not be afraid to address the issues

Final Thoughts

Your Chairs serve at the pleasure of our Exalted ADs and at the direction of the WG.

Thank you for the feedback, and look for a draft charter to the list soon.