

DNSOP

DNS Operations

IETF 117 San Francisco
24 July 2023

Welcome to DNSOP

Chairs

- Benno Overeinder <benno@NLnetLabs.nl>
- Tim Wicinski <tjw.ietf@gmail.com>
- Suzanne Woolf <suzworldwide@gmail.com>

IESG Overlord

- Warren Kumari <warren@kumari.net>

[Zulip/Jabber](#)

[MeetEcho](#)

[OnSite Tool](#)

Minutes

<https://notes.ietf.org/notes-ietf-117-dnsop>

Minutes: Paul Hoffman!

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

By participating in the IETF, you agree to follow IETF processes and policies.

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As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

[BCP 9](#) (Internet Standards Process)

[BCP 25](#) (Working Group processes)

[BCP 25](#) (Anti-Harassment Procedures)

[BCP 54](#) (Code of Conduct)

[BCP 78](#) (Copyright)

[BCP 79](#) (Patents, Participation)

[IETF/IRTF/IAB Privacy Statement](#) (Privacy Policy)

IETF Meeting Tips

- In-person participants
 - Make sure to sign into the session using the Meetecho (usually the “Meetecho Lite” client) from the Datatracker agenda
 - Use Meetecho 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 unless you are chairing or presenting during a session
 - Use of a headset is strongly recommended

IETF Code Of Conduct Guidelines RFC7154

1. Treat colleagues with respect
2. Speak slowly and limit the use of slang
3. Dispute ideas by using reasoned argument
4. Use best engineering judgment
5. Find the best solution for the whole Internet
6. Contribute to the ongoing work of the group and the IETF

"We work as Individuals, let's remember to be nice to each other"

Agenda

Agenda

- Agenda, Bashing, etc
- Updates of Current Work, Chairs
- ~~— Hackathon Updates~~
- Current Working Group Business
- For Consideration

Agenda: Current Working Group Business

- draft-ietf-dnsop-cds-consistency
 - <https://datatracker.ietf.org/doc/draft-ietf-dnsop-cds-consistency/>
 - Peter Thomassen <peter@desec.io>, 15 min
- draft-ietf-dnsop-compact-denial-of-existence
 - <https://datatracker.ietf.org/doc/draft-ietf-dnsop-compact-denial-of-existence/>
 - Shumon Huque <shuque@gmail.com>, 15 min

Agenda: For Consideration

- draft-bash-rfc7958bis
 - <https://datatracker.ietf.org/doc/draft-bash-rfc7958bis/>
 - Paul Hoffman <paul.hoffman@icann.org>, 15 min
- draft-bellis-dnsop-qdcount-is-one
 - <https://datatracker.ietf.org/doc/draft-bellis-dnsop-qdcount-is-one/>
 - Ray Bellis <ray@bellis.me.uk>, 15 min
- draft-grubto-dnsop-dns-out-of-protocol-signalling
 - <https://datatracker.ietf.org/doc/draft-grubto-dnsop-dns-out-of-protocol-signalling/>
 - Willem Toorop, 15 min

Agenda: For Consideration

- draft-johani-tld-zone-pipeline
 - <https://datatracker.ietf.org/doc/draft-johani-tld-zone-pipeline/>
 - Johan Stenstam <johan.stenstam@internetstiftelsen.se> jakob <jakob@kirei.se>, 15 min
- draft-thomassen-dnsop-generalized-dns-notify
 - <https://datatracker.ietf.org/doc/draft-thomassen-dnsop-generalized-dns-notify/>
 - Peter Thomassen <peter@desec.io> Johan Stenstam <johan.stenstam@internetstiftelsen.se>, 10 min
- draft-dnsop-multi-alg-rules
 - <https://datatracker.ietf.org/doc/draft-huque-dnsop-multi-alg-rules/>
 - Peter Thomassen <peter@desec.io> and Shumon Huque <shuque@gmail.com>, 10 min

Document Updates/Chairs Vibes

Document Status

Since our last meeting:

~~draft-ietf-dnsep-dns-catalog-zones~~ **RFC9432**

Document Status: RFC Editor Queue

- draft-ietf-dnsop-svcb-https
 - Thanks Eric V/Warren for unclustering the cluster
- draft-ietf-dnsop-alt-tld
- draft-ietf-dnsop-glue-is-not-optional

Document Status: Parked

draft-ietf-dnsop-dnssec-validator-requirements

- Useful work when first started
- DNSSEC support now widespread and simplified.

Document Status: Parked

draft-ietf-dnsop-rfc5933-bis

- Worked with Warren and Authors
- Submitted draft-makarenko-gost2012-dnssec to ISE
- Will take some time

Document Status: IESG Queue...Hang On

- draft-ietf-dnsop-caching-resolution-failures
 - Submitted to IESG
 - Thanks to New Shepherd Andrew McConachie
 - BUT A question was raised today about the caching of resolution failures.
 - Operational Experience showed a shorter timeout (1sec) was more effective than current suggestion (5sec).
 - Suggested text sent to DNSOP, would like to hear feedback.

Document Status: In WGLC

draft-ietf-dnsop-rfc8499bis

- WGLC closes today on “lame delegation”
- incorporate interim into shepherd writeup

draft-ietf-dnsop-zoneversion

- write up wrap up this week

draft-ietf-dnsop-dns-error-reporting

- WGLC closed last week, shepherd write up after IETF

Document Status: In WGLC

- draft-ietf-dnsop-avoid-fragmentation
 - Section 3.1 #2 says 'UDP responders are RECOMMENDED to set IP "Don't Fragment flag (DF) bit" [RFC0791] on IPv4.'
 - All implementations in the Appendix do not implement this.
 - Suggestions from the WG?
 - Tim suggested numbering the recommendations for easier reference, if this feels foolish, please speak up.

Document Status: In WGLC

- draft-ietf-dnsop-domain-verification-techniques
 - DNS Operator test: how one views this document
 - Addressed all comments...
 - Except for two involved items from Erik Nygren
 - Multi-CDN case
 - Binding Tokens to Requests
 - DNSDIR review from Mr Reid....

Document Status: Ready for WGLC...?

- draft-ietf-dnsop-dnssec-bootstrapping
- draft-ietf-dnsop-svc-b-dane

Document Status

- draft-ietf-dnsop-ns-revalidation
 - All outstanding issues resolved
 - Chairs feel the draft is ready, as Standards Track
 - Others in the WG may feel differently
 - Please speak up!

- draft-ietf-dnsop-dnssec-automation
 - Johan Stenstam as new co-author
 - Bonus - has implemented the draft!
 - few tweaks

Document Status

- draft-ietf-dnsop-structured-dns-error
 - Authors feel ready for WGLC, but....
 - Experiments are still ongoing
 - Updates 8914 (!) which is now just appearing
 - Google DNS announced this week
 - Two new registries
 - Work needs more operational experience/feedback
 - WG can tell us differently

Document Status

- draft-ietf-dnsop-cds-consistency
- draft-ietf-dnsop-rfc8109bis
 - Chairs would like WGLC in the fall
- draft-ietf-dnsop-compact-denial-of-existence

Document Status: Candidates for Adoption

- draft-bash-rfc7958bis
- draft-bellis-dnsop-qdcount-is-one
- draft-grubto-dnsop-dns-out-of-protocol-signalling
- draft-dnsop-multi-alg-rules
- dnsop-generalized-dns-notify

All on Today's Agenda!

Other Documents

draft-momoka-v6ops-ipv6-only-resolver

- Call for Adoption in v6ops
- DNSOP Chairs recommendation:
 - draft is adoptable and issues can be addressed
 - happy to let v6ops adopt
 - very willing to host an interim with v6ops on this draft
 - Momoka presenting in v6ops (Tuesday First Session)
- Tim/Mark A discussed updating RFC3901/BCP91
 - Asked Momoka if interested in helping

Other Sessions

ACM/IRTF Applied Networking Research Workshop
Session 1530-1700 Today has DNS "stuff"

15:45 - Call for Collaboration: DNS Integrations

16:00 - Gotta Query 'Em All, Again! Repeatable Name Resolution with Full
Dependency Provenance

As well as ADD, DNSSD, etc.

DNS Directorate

Chairs have been pleased with the depth and breadth of reviews.

We hope authors and working group find them useful

Directorate reviews aren't special – WG and authors/editors should treat them as any other input.

We have also found early Security Reviews to be helpful during the IESG process.

What Else are we working on?

[Datatracker](#)

[Github](#)

[@ietf_wg_dnsop](#)

[@ietf_wg_dnsop@hachyderm.io](#)

"Busy Working Groups should over share" - mnot