

DNSOP

DNS Operations

Session I IETF 123

21 July 2025

Welcome to DNSOP

Chairs

- Benno Overeinder
- Ondrej Sury

Secretary

- Shumon Huque
- Peter Thomassen

Technical Advisor

- Jim Reid

- [Zulip/Meetecho](#)

- [MeetEcho](#)

- [OnSite Tool](#)

Minutes

- <https://notes.ietf.org/notes-ietf-123-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.

If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.

As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.

Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.

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](#) (Anti-Harassment Procedures)

[BCP 78](#) (Copyright)

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

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

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

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

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 take this very seriously. If you feel the Code has been violated, please reach out to the chairs or the IETF ombuds team.

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

IETF Meeting Tips

- In-person participants
 - Make sure to sign into the session using the Meetecho OnSite Tool 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

Many thanks to Suzanne and Tim

Thank you for guiding
DNSOP WG over the
past years!

And for the stickers as
well!



Agenda

- Agenda Bashing, etc
- Updates of Current Work, Chairs
- Hackathon Updates
- Current Working Group Business

Document Updates/Chairs' Vibes

Document Status: RFCs published

Since our last meeting:

none

Document Status: RFC Editor Queue

draft-ietf-dnsop-compact-denial-of-existence
Compact Denial of Existence in DNSSEC

draft-ietf-dnsop-rfc8624-bis
DNSSEC Cryptographic Algorithm Recommendation Update Process

draft-ietf-dnsop-must-not-ecc-gost
Deprecate usage of ECC-GOST within DNSSEC

draft-ietf-dnsop-must-not-sha1
Deprecating the use of SHA-1 in DNSSEC signature algorithms

draft-ietf-dnsop-generalized-notify
Generalized DNS Notifications

Document Status: Waiting for WG Chair Go-Ahead

- draft-ietf-dnsop-dnssec-automation
 - DNSSEC automation
 - New revision before new WGLC
- draft-ietf-dnsop-domain-verification-techniques
 - Domain Control Validation using DNS
 - On agenda, ready for WGLC?
- draft-ietf-dnsop-ns-revalidation (*)
 - Delegation Revalidation by DNS Resolvers
 - New revision posted, schedule new WGLC

Document Status: In WG Last Call

- draft-ietf-dnsop-cds-consistency
 - Clarifications on CDS/CDNSKEY and CSYNC Consistency
 - After WGLC closes this week, new revision and new WGLC

Document Status: WG document after IETF LC

- draft-ietf-dnsop-structured-dns-error
 - Structured Error Data for Filtered DNS
 - After IETF LC sent back to WG
 - Full-text explanation vs. security
 - merge/include/... with draft-nottingham-public-resolver-errors?
 - On WG agenda

Document Status: On Today's Agenda

- Structured Error Data for Filtered DNS / draft-nottingham-public-resolver-errors
 - Tirumal Reddy / Mark Nottingham
- draft-ietf-dnsop-3901bis
 - DNS IPv6 Transport Operational Guidelines
- draft-ietf-dnsop-domain-verification-techniques
 - Domain Control Validation using DNS

Document Status: Waiting Their Turn

- draft-ietf-dnsop-svcb-dane
 - Using DNSSEC Authentication of Named Entities (DANE) with DNS Service Bindings (SVCB) and QUIC
- draft-ietf-dnsop-grease
 - Greasing Protocol Extension Points in the DNS

Document Status: Just Adopted

- draft-ietf-dnsop-integration
 - Integration of DNS Domain Names into Application Environments: Motivations and Considerations

Other Documents

What Else are we working on?

[Datatracker](#)

[Github](#)

@ietf_wg_dnsop@hachyderm.io

[@ietf-wg-dnsop.bsky.social](#)

Other Meetings of Note

- ADoT/ADoQ Deployment Initiative - Connecting Interested Parties
 - El Escorial, Thursday 10:30–11:30
 - Remote participation: <https://ietf.webex.com/meet/ietfsidemeeting2>
 - <https://trello.com/c/4cSMhHhk/74-1030-1130-adot-adoq-deployment-initiative-connecting-interested-parties>
- PQ DNSSEC Research
 - El Escorial, Thursday 8:30–9:30
 - Remote participation: <https://ietf.webex.com/meet/ietfsidemeeting2>
 - Additional Resources: <https://wiki.ietf.org/en/group/pq-dnssec>

IETF 123 Hackathon DNS projects

- DNS Table projects:
<https://datatracker.ietf.org/meeting/123/materials/slides-123-hackathon-sesd-dns-00>
 - Resolver cache synchronization, Generalized NOTIFY, BIND9: Private algorithms and key tag ranges, DELEG, Opportunistic Transport Signaling
- PQC in DNSSEC:
<https://datatracker.ietf.org/meeting/123/materials/slides-123-hackathon-sesd-ietf-123-pqc-dnssec-implementation-00>