24 July 2025

IETF 123 │ Side meeting

ADoT/ADoQ Deployment Initiative
- Connecting Interested Parties

Organiser: Sara Dickinson

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Side meeting rules

- All public side meetings are subject to the [IETF Note Well](); participants are expected to follow the usual IETF policies on personal conduct, IPR disclosure obligations, etc. All working group business needs to occur during scheduled working group sessions in ways that comply with [RFC 2026]() and [RFC 2418](). Working group business must not happen during side meetings.

- Side meetings do not record formal attendance ("blue sheets"). The organizers of side meetings may ask for participants' contact information; participants are free to withhold it.

We plan to take minutes and publish them on the (public) OARC Mattermost channel. If you do not want comments/info included in the minutes, please state that clearly.

Organizers must seek participants' active consent for any side meeting that is desired to be recorded. We do not plan to make the recording public, just use it to write minutes.

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 (https://www.ietf.org/contact/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)
- https://www.ietf.org/privacy-policy/(Privacy Policy)

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Note Really Well

- IETF meetings, virtual meetings, and mailing lists are intended for professional collaboration and networking, as defined in the IETF Guidelines for Conduct (RFC 7154), the IETF Anti-Harassment Policy, and the IETF Anti-Harassment Procedures (RFC 7776). If you have any concerns about observed behavior, please talk to the Ombudsteam, who are available if you need confidentiality to raise concerns confident about harassment or other conduct in the IETF.

- The IETF strives to create and maintain an environment in which people of many different backgrounds and identities are treated with dignity, decency, and respect. Those who participate in the IETF are expected to behave according to professional standards and demonstrate appropriate workplace behavior.

- IETF participants must not engage in harassment while at IETF meetings, virtual meetings, social events, or on mailing lists. Harassment is unwelcome hostile or intimidating behavior—in particular, speech or behavior that is aggressive or intimidates.

- If you believe you have been harassed, notice that someone else is being harassed, or have any other concerns, you are encouraged to raise your concern in confidence with one of the Ombudspersons.

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Why this meeting now?

- DPRIVE WG spent 2018-2021 trying to standardising a mechanism to securely publish authentication credential IN the DNS failed (12 drafts, ~6 solutions) - **FAIL**

- DPRIVE produced one standard related specifically to Recursive to Auth (2024):
"RFC 9539 Unilateral **Opportunistic** Deployment of Encrypted Recursive-to-Authoritative DNS"

- "Well, DELEG will solve this problem……" (when?)

Why this meeting now?

- Hearing in the last 6-12 months of significant desire to 'Deploy **something** now'
  - But concern around fragmentation of efforts, duplication of effort and lack of interoperability of whatever gets done

- This is a kick-off meeting - not everyone is in the room

- My primary role today is as a facilitator (hats may change…)

Agenda - part 1 (40 mins)

- Participants (in person and remote) detailing their particular interest in deploying ADoT/ADoQ
  - Sharing any experience to-date and/or
  - Sharing future plans and timelines

- Discussion of where interests overlap and give rise to potential opportunities for collaboration
  - Preferred transports
  - Preferred short-term mechanisms
    - Opportunistic - Unilateral probing
    - Other standard-based mechanisms for authenticated connections
    - Other, non-standard mechanisms for authenticated connections
  - Reviewing gaps in current implementations/standards work

Plan is to gather information about current/future activities
- NOT to rehash the merits of previous proposals to DPRIVE

Agenda - part 2 (10 mins)

- Identifying any shared goals for early deployment/experiments with ADoT/ADoQ
  - Generating next steps and concrete actions

- Planning future gatherings and activities for the initiative
  - Outreach to any parties not here
  - Use of OARC Mattermost channel (public/private)