

# DNSSD WG

## Extensions for Scalable DNS Service Discovery Working Group

Chairs:

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# 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, Anti-Harassment Procedures)

BCP 54 (Code of Conduct), BCP 78 (Copyright), BCP 79 (Patents, Participation)

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

# Reminders

- Please state your name at the microphone
- Please review documents and send feedback
- Please sign the blue sheets

# Minutes and Jabber

- Minutes

<https://etherpad.tools.ietf.org/p/notes-ietf-106-dnssd?useMonospaceFont=true>

- Jabber Relay

<xmpp:dnssd@jabber.ietf.org?join>

<https://www.meetecho.com/ietf106/dnssd/>

# Useful Links

- Charter  
<https://datatracker.ietf.org/wg/dnssd/charter/>
- Draft Status Pages  
<https://datatracker.ietf.org/wg/dnssd/documents/>
- Meeting Materials  
<https://datatracker.ietf.org/meeting/106/materials.html/#dnssd>
- Mailing List  
[dnssd@ietf.org](mailto:dnssd@ietf.org)
- To join:  
<https://www.ietf.org/mailman/listinfo/dnssd>

# GitHub

- Working Group GitHub Organization

<https://github.com/orgs/dnssd-wg/>

- Open for WG documents

Draft authors can contact WG chairs to get set up

# Goals For Today's Sessions

- Update on Proxy and Roadmap
- Discuss Service Registration and Discovery Relay
- Plans for the future of this working group and privacy efforts

# Agenda Bashing

First Session (14:30-15:00)

Service Registration and Roadmap (Stuart Cheshire, 15 minutes)

\* draft-ietf-dnssd-srp

Discovery Relay (Stuart Cheshire, 5 minutes)

\* draft-ietf-dnssd-mdns-relay

Rechartering discussions (led by chairs, 5 minutes)

Second Session (18:10-19:10)

Privacy



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# Active Drafts

Discovery Proxy for Multicast DNS-Based Service Discovery  
(draft-ietf-dnssd-hybrid-10) RFC Ed Queue : waiting for DNS push

DNS-SD Privacy and Security Requirements (draft-ietf-dnssd-prireq-02) In WG  
Last Call

DNS Push Notifications (draft-ietf-dnssd-push-25) Approved-announcement to be  
sent:: awaiting IPR declaration

Service Registration Protocol for DNS-Based Service Discovery  
(draft-ietf-dnssd-srp-02) WG Document

# Recharter?

The current charter is at: <https://datatracker.ietf.org/doc/charter-ietf-dnssd/>

Topics to consider (other ideas welcome):

1. Specifically capture and address homenet requirements around DNS-SD.
2. (Re)focus and scope privacy efforts. Emphasize privacy & data integrity. (Future solutions should provide mechanisms to ensure services are not tampered with and queries/responses for services can be encrypted for privacy.)
3. Define behavior of an DNS Update Proxy (does this entail more than what's in <https://tools.ietf.org/html/draft-ietf-dnssd-srp-02>, or does the charter need something to cover the srp draft?).
4. Emphasize Unicast for "MANY Discovery" (Multicast is acceptable for "ANY Discovery" but missed responses can't be detected for "MANY Discovery" so solutions that require "MANY Discovery" should transition to unicast).
5. Finding things near me / finding things associated with me (see <https://datatracker.ietf.org/meeting/102/materials/slides-102-dnssd-recharter-01>; Bluetooth Wi-Fi proximity? credentialed domain? independent of attached network?)