06 November 2025

IETF 124 DNSSD

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For advice, please talk to Working Group chairs or Area Directors.

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IETF 124 Meeting Tips

In-person participants

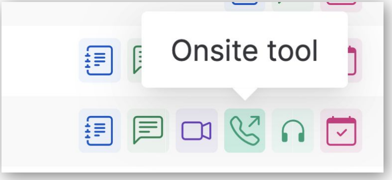
- Make sure to sign into the session via Datatracker or the QR Code in this session.
- Use Meetecho (usually the “Meetecho lite”) client to join the queue, show hands
- *Keep audio and video off if not using the onsite version.*

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.

All participants

- State your name each time you begin speaking in the queue



Resources for IETF 124 Montreal

- Agenda
  https://datatracker.ietf.org/meeting/agenda
- Meetecho and other information:
  https://www.ietf.org/meeting/preparation/
- If you need technical assistance, see the Reporting Issues page:
  https://www.ietf.org/meeting/issues/

Extensions for Scalable DNS Service Discovery

Chairs:

Chris Box — chris.box.ietf@gmail.com

Florian Obser — fobser@ripe.net

Minutes

- We require a volunteer to record notes of major points in HedgeDoc. Can you help?

- Minutes / Note taking tool

  https://notes.ietf.org/notes-ietf-124-dnssd

Useful Links

- Charter
  https://datatracker.ietf.org/wg/dnssd/charter/
- Draft Status Pages
  https://datatracker.ietf.org/wg/dnssd/documents/
- Mailing List dnssd@ietf.org
  - To join: https://mailman3.ietf.org/mailman3/lists/dnssd@ietf.org/
  - Archive: https://mailarchive.ietf.org/arch/browse/dnssd/

GitHub

- Working Group GitHub Organization

  https://github.com/dnssd-wg

- Open for WG documents

  https://github.com/dnssd-wg/draft-ietf-dnssd-advertising-proxy
  https://github.com/dnssd-wg/draft-ietf-dnssd-srp-replication
  https://github.com/dnssd-wg/draft-ietf-dnssd-tsr

Draft authors can contact WG chairs to get set up.

Working group document status

Document	Status	Last update
SRP	Published as RFC9665	11th June 2025
Update Lease	Published as RFC9664	11th June 2025
Multiple QTYPEs	In shepherd writeup	22nd Sept 2025
TSR	Current	20th Oct 2025 *
Advertising Proxy	Expired	March 2024 *
SRP Replication	Expired	March 2024

* = to be discussed today

Relevant individual documents

Document	Status	Last update
Infrastructure	Current	25th July 2025 *
Remove all services	Current	20th Oct 2025 *
SIG(0)	Current	24th July 2025 *

* = to be discussed today

Agenda

1. **Charter refresh** (discussion)
2. **Time Since Received** (discuss resolutions for open issues)
3. **Advertising Proxy** (discuss resolutions for open issues)
4. **Providing DNSSD service on infrastructure**
5. **SRP Remove All Services**
6. **SIG(0) bis**

Existing DNSSD charter from 2019

The primary goals of the dnssd WG are as follows:

1. To document a set of requirements for scalable, autonomous DNS-based service discovery in routed, multi-link networks in the following five scenarios ...

2. To develop an improved, scalable solution for service discovery that can operate in multi-link networks, where devices may be in neighboring or non-neighboring links, applicable to the scenarios above. The solution will consider tradeoffs between reusing/extending existing protocols and developing entirely new protocols.

3. To document challenges and problems encountered in the coexistence of zero configuration and global DNS name services in such multi-link networks, including consideration of both the name resolution mechanism and the namespace.

What should be in the new DNSSD charter?
A prompt for discussion.

The goals of the dnssd WG are as follows:

* Define how to publish SRP-registered names in Multicast DNS, so the services can be discovered by mDNS clients

* Define mechanisms that improve the efficiency, availability or effectiveness of DNSSD

* Define how to resolve conflicts between competing updates for the same name

* Document how the different protocol components can be combined to make a complete DNSSD service that is equally accessible by both mDNS and SRP clients

The working group may also adopt work that improves the underlying technology on which it relies, if the responsible area director agrees this is the most suitable venue for the work.

“DNS work structure consultation”

Ops Area Open Meeting

Today - Place du Canada 14:30 - 16:30

DNS Consulation Task (Wes Hardaker)

dns-at-ietf@ietf.org