22nd July 2025

SRv6OPS WG @ IETF 123

This session is being recorded

Internet Engineering Task Force

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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.
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- 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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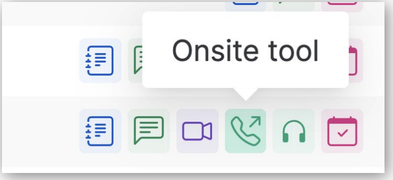
IETF 123 Meeting Tips

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 mic queue
  - participate in shows of 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.

Administrivia

- Minute taker(s)
  - Collaborative minutes
    - https://notes.ietf.org/notes-ietf-123-srv6ops
- Meetecho Etiquette
  - Join the common queue (onsite/remote) via meetecho
    - Do not send audio directly
  - Please state your name before speaking
  - Be mindful of the agenda time
    - Longer discussion on mailing list (or zulip chat)
- Please use the mailing list actively!
- Use the WG wiki & GitHub

Liaison

- To ITU-T-SG-11: LS on new work item QSTR.MVC “Method for Verifying Conformance to SRv6"
  - https://datatracker.ietf.org/liaison/1990/
  - From 6man, bmwg, INT, OPS, opsawg, RTG, spring, srv6ops
  - For action
  - Clarification on IETF position and identified issues
  - Directed them to BMWG
- From ITU-T-SG-11: LS on new work item QSTR.SRv6_conf “Method for Verifying Conformance to SRv6
  - https://datatracker.ietf.org/liaison/2016/
  - For information
  - Mainly an Ack
  - OPS ADS directed them to BMWG - https://datatracker.ietf.org/liaison/2017/

WG Adoption

- Issue adoption call for
  - draft-liu-srv6ops-problem-summary
    - SRv6 Deployment and Operation Problem Summary
    - Awaiting authors to handle comments received so far
    - Post an update to I-D handling them

WG Website - ietf-wg-srv6ops.github.io

- Directed at operators not active in IETF
- List past operator presentations
- Useful pointers
- Source maintained at WG Github
  - submit PR or issues on how to enhance it further
- https://ietf-wg-srv6ops.github.io/

Welcome to IETF SRv6OPS Working Group

The SRv6OPS Working Group at the IETF addresses the operational and deployment aspects of Segment Routing over IPv6 (SRv6). It serves as a platform for network operators to share practical experiences and tackle real-world challenges. Some of it is documented through Internet drafts aimed at publication as informational RFCs.

🏛 Next Meeting

The next hybrid SRv6OPS WG session will be at IETF 123 in Madrid. We have operator presentations from DT, IX.br, and MTS Web services. See Agenda.

Are you an operator deploying SRv6? We'd love to hear from you!
Reach out to the chairs if you're interested in sharing your operational experience at a SRv6OPS Working Group session.

Operator Presentations

Operator	Speaker	Video	Slide
Rakuten Mobile	Akash Agrawal	Watch	PDF
Bell Canada	Daniel Bernier	Watch	PDF
Swisscom	Thomas Graf	Watch	PDF
		Watch	PDF
Turkcell	Mehmet Durmus	Watch	PDF
Verizon	Luay Jalil	Watch	PDF
China Telecom	Yongqing Zhu	Watch	PDF
Verizon	Gyan Mishra	Watch	PDF
China Unicom	Xinxin Yi	Watch	PDF
China Southern Power Grid	Jiangang Lu	Watch	PDF
MTN SA	Zoltan Miklos	Watch	PDF
Bell Canada	Daniel Voyer	Watch	PDF
Alibaba Cloud	Linjian Song	Watch	PDF
China Mobile	Tianji Jiang	Watch	PDF

📌 Tips for the Presenter

- The IETF WG meetings are hybrid and have good remote participation capabilities, allowing you to easily present remotely if needed.
- You need to have an IETF data tracker account, easy to set up via Link
- For remote participation, there are fee waivers available
- Then register for the IETF meeting
- Meetecho is the IETF meeting participation tool. Learn about it here

🔗 Useful Links

- SRv6OPS @ Datatracker
- Subscribe to the Mailing List
- Mailing List Archives
- I-Ds in Progress
- Past Meeting Materials
- Wiki
- GitHub
- Draft Copy of Whitepaper on Compressed SRv6 Deployment and Operations

Agenda Bashing

Introduction

1.1. Administrivia, Agenda Bashing (Chairs, 5 min)

Operator Presentations

2.1 Advancing Deutsche Telekom’s Traffic Engineering for SRv6 (Nils Warnke, 15 min)
2.2 SRv6 @ IX.br (Fabio Pessoa Nunes, 15 mins)
2.3 SRv6 @ MTS Web Services (MWS) (Boris Hassanov, 15 mins)

Whitepaper

3.1 Compressed SRv6 Deployment and Operations White Paper (Yisong Liu, 15 mins)

Internet-Draft Presentations

4.1 Deployment Options (Michael McBride, 10 mins)
draft-mcbride-srv6ops-srv6-deployment

4.2 SRv6 End-to-End DC Frontend & WAN (Pablo Camarillo Garvia, 5 mins)
draft-filsfils-srv6ops-srv6-e2e-dc-frontend-wan

4.3 SRv6 for Deterministic Path Placement in the AI Backend (Pablo Camarillo Garvia, 5 mins)
draft-filsfils-srv6ops-srv6-ai-backend

For Information

5.1 SRv6-SID-Related Information Validation (Yao Liu, 5 mins)
draft-liu-6man-icmp-verification

Thanks!

SRV6 OPS

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