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)
IETF 117 Meeting Tips

In-person participants

- Make sure to sign into the session using the Meetecho (usually the “Meetecho lite” client) 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
Resources for IETF 117

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

- [https://notes.ietf.org/notes-ietf-117-spring?both](https://notes.ietf.org/notes-ietf-117-spring?both)
- Please help with the notes
- Please check and correct your name and comments...
DoH vs SRH TLVs

- Some data could equally be defined in DoH (before the SRH) and/or SRH TLV
- Past SPRING discussions:
  - [https://mailarchive.ietf.org/arch/msg/spring/SZEpOwEP_JQTSwPJt1WhRrZFVE/](https://mailarchive.ietf.org/arch/msg/spring/SZEpOwEP_JQTSwPJt1WhRrZFVE/)
- New WG policy:
  - Information which is generally applicable to IPv6 nodes should go into IPv6 destination options, including the use of destination options before routing headers for the case of IPv6 nodes that are destinations of routing header paths.
  - Information that is specific to SRH processing should go in SRH TLVs.
  - We should not define the same information in both places
  - [https://mailarchive.ietf.org/arch/msg/spring/Dpy49rTVtCNFfanHYaVlizMJ7j8/](https://mailarchive.ietf.org/arch/msg/spring/Dpy49rTVtCNFfanHYaVlizMJ7j8/)
SRv6 security analysis draft

- IESG reviews of some SRv6 documents raised questions about SRv6 security consideration.
- Chairs would like to have a document providing a solid security analysis of SRv6.
- There is no such one currently so chairs will select a team of authors to write an SRv6 security analysis draft.
- If you’d like to volunteer for this work, please send an email to the chairs.
WG Adoption call

- Segment Routing Header encapsulation for Alternate Marking Method

- Not adopted
  - No compelling reason to duplicate the effort in two solutions (DoH, SRH TLV)
  - https://mailarchive.ietf.org/arch/msg/spring/6r2GygMj9NP3YHFNsawSn hhc71U/
WG Adoption call

● Circuit Style Segment Routing Policies
  ○ https://mailarchive.ietf.org/arch/msg/spring/bC72m92iVuyGiUUzmpEgD8IoORS/

● Adopted as WG doc
  ○ https://datatracker.ietf.org/doc/draft-ietf-spring/cs-sr-policy/00/
WG Adoption call

● Distribute SRv6 Locator by DHCP
  ○ https://mailarchive.ietf.org/arch/msg/spring/bC72m92iVuyGiUUmPEgD8loORs/

● Pending draft update
RFC editor queue

- Integration of Network Service Header (NSH) and Segment Routing for Service Function Chaining (SFC)
  - draft-ietf-spring-nsh-sr
IESG review

- SR Replication Segment for Multi-point Service Delivery
  - draft-ietf-spring-sr-replication-segment
Submitted for publication

- Path Segment in MPLS Based Segment Routing Network
  - draft-ietf-spring-mpls-path-segment
  - pending revised shepherd writeup
09:30 SPRING Status - Chairs (10 mins)

09:40 Compressed SRv6 Segment List Encoding in SRH (10 mins)
Presenter: Francois Clad
draft-ietf-spring-srv6-srh-compression

09:50 Bidirectional Forwarding Detection (BFD) in Segment Routing Networks Using MPLS Dataplane (10 mins)
Presenter: Greg Mirsky
draft-ietf-spring-bfd

10:00 Enhanced Performance Measurement Using Simple TWAMP in Segment Routing Networks (15 mins)
Presenter: Rakesh Gandhi
draft-gandhi-spring-enhanced-srpm

10:15 S-BFD Path Consistency over SRv6 (10 mins)
Presenter: Changwang Lin
draft-lin-sbfd-path-consistency-over-srv6

10:25 Problem statement for Inter-domain Intent-aware Routing using Color (10 mins)
Presenter: Shraddha Hegde
draft-hr-spring-intentaware-routing-using-color

10:35 SR Policy Group (10 mins)
Presenter: Changwang Lin
draft-cheng-spring-sr-policy-group

10:45 Flexible Candidate Path Selection of SR Policy (10 mins)
Presenter: Yisong Liu
draft-liu-spring-sr-policy-flexible-path-selection

10:55 SRv6 Context Indicator SIDs for SR-Aware Services (10 mins)
Presenter: Mengxiao Chen
draft-lin-spring-srv6-aware-context-indicator

11:05 SR-MPLS FRR Extension (10 mins)
Presenter: Huaimo Chen
draft-chen-spring-srmpls-fr-ex

11:15 A Framework for Constructing Service Function Chaining Systems Based on Segment Routing (10 mins)