

# IETF 116 SPRING WG

29 March 2023

This session is being recorded

IETF 116 Yokohama  
hosted by

**WIDE**  
PROJECT

# 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.

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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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# IETF 116 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*
- **Wear masks unless actively speaking at the microphone.**



## 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 116 Yokohama

- 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-116-spring?both>
  -
- Please help with the notes
  -
- Please check and correct your name and comments...

# Personel

- Jim Guichard
  - Selected as new Routing AD.
    - Congratulation Jim!
  - Will step down as SPRING chair during the IETF 116 week
    - Thanks Jim for your work!
  - Will be the new responsible AD for SPRING
    - Thanks Andrew for your support and contribution.
    - Welcome Jim
- Alvaro Retana
  - Will be appointed as new WG chair
  - Welcome Alvaro

# Meeting time is limited, use mailing list

- Meeting time is limited (2 hours)
  - For IETF 116 we got requests for 4.3 hours
- Priority is given to
  - 1) WG documents discussed on the list
  - 2) WG documents needing discussions with high interaction
  - 3) other documents discussed on the list
- Suggesting to authors to engage with the WG on the list
  - Present your document to the list (e.g., elevator pitch)
  - Ask (specific) questions to the WG
  - Answer all questions/comments
  - Review/comments related/competing documents

# WG Adoption

- Segment Routing Header encapsulation for Alternate Marking Method
  - <https://datatracker.ietf.org/doc/html/draft-fz-spring-srv6-alt-mark-05>
- Chairs evaluating comments
- Also related to the question of the usage of DoH vs SRH TLVs (cf next slide)



# DoH vs SRH TLVs: the question

- Some data could equally be defined in DoH (before the SRH) and/or SRH TLV
- Chairs initiated the discussion on the list
  - [https://mailarchive.ietf.org/arch/msg/spring/SZEpOwEP\\_JQTSwPJTg1WhRrZFVE/](https://mailarchive.ietf.org/arch/msg/spring/SZEpOwEP_JQTSwPJTg1WhRrZFVE/)
  - Some good feedback. Thanks.
- Current summary
  - If SRv6 specific → SRH TLV
    - DoH is for generic IPv6 capabilities. Space is limited
  - Better to avoid duplication in both DoH & SRH
    - leads to issues: interop, implementation complexity, conflict, cf RFC5505 section 2.3...
- Any short comment on the mic?
  - otherwise, we welcome more discussion on the list

# Submitted to IESG for publication

- SR Replication Segment for Multi-point Service Delivery
  - [draft-ietf-spring-sr-replication-segment-10](#)
- Integration of Network Service Header (NSH) and Segment Routing for Service Function Chaining (SFC)
  - [draft-ietf-spring-nsh-sr](#)
- Path Segment in MPLS Based Segment Routing Network
  - [draft-ietf-spring-mpls-path-segment](#)

- SPRING Status - Chairs (10 mins)
- SRv6 Path Egress Protection (10 mins)  
Presenter: Huaimo Chen (huaimo.chen@futurewei.com)  
[draft-ietf-rtgwg-srv6-egress-protection](#)
- SRv6 Midpoint Protection (10 mins)  
Presenter: Huaimo Chen (huaimo.chen@futurewei.com)  
[draft-chen-rtgwg-srv6-midpoint-protection](#)
- SRv6 Underlay tunnel Programming (10 mins)  
Presenter: LiuYan Han/Minxue Wang (hanliuyan@chinamobile.com)  
[draft-han-spring-srv6-underlay-tunnel-programming](#)
- Extending ICMP for IP-related Information Validation (10 mins)  
Presenter: Yao Liu (liu.yao71@zte.com.cn)  
[draft-liu-6man-icmp-verification](#)
- Distribute SRv6 Locator by DHCP (10 mins)  
Presenter: Weiqiang Cheng (chengweiqiang@chinamobile.com)  
[draft-cheng-dhc-distribute-srv6-locator-by-dhcp](#)
- SRv6 Egress Protection in Multi-homed scenario (10 mins)  
Presenter: Weiqiang Cheng (chengweiqiang@chinamobile.com)  
[draft-cheng-rtgwg-srv6-multihome-egress-protection](#)

- Security Considerations for SRv6 Networks (5 mins)  
Presenter: Nan Geng (gengnan@huawei.com)  
[draft-li-spring-srv6-security-consideration](#)
- Problem statement for Inter-domain Intent-aware Routing using Color (5 mins)  
Presenter: Shraddha Hegde (shraddha@juniper.net)  
[draft-hr-spring-intent-aware-routing-using-color](#)
- Auto Edge Protection (10 mins)  
Presenter: Shraddha Hegde (shraddha@juniper.net)  
[draft-hegde-spring-auto-edge-protection](#)
- SID as source address in SRv6 (5 mins)  
Presenter: Feng Yang (yangfeng@chinamobile.com)  
[draft-yang-spring-sid-as-source-address](#)
- SRv6/MPLS Service Interwork Option BC (10 mins)  
Presenter: Zhaohui (Jeffrey) Zhang (zzhang@juniper.net)  
[draft-zzhang-spring-service-interworking](#)  
Speaker Shuffling Time/Buffer: 10 minutes  
Total Presentation Time: 115 minutes