6 November 2024

IETF 121 SPRING

This session is being recorded

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

I E T F

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.

I E T F

IETF 121 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.

Onsite tool

Minutes are collaborative

https://notes.ietf.org/notes-ietf-121-spring?both

Please help with the notes

Please check and correct your name and comments…

SPRING rechartering

History: on-list and in-meeting discussions.

https://mailarchive.ietf.org/arch/msg/spring/xebGJFcbxpv44q06y81gEpHXH-w/

https://datatracker.ietf.org/doc/minutes-120-spring-202407262000/#1300-spring-status---chairs-15-mins

https://mailarchive.ietf.org/arch/msg/spring/9kPCQnzdaCE8yDk5oLXabBxDXd0/

Current Status: Updated Charter with the IESG

https://datatracker.ietf.org/doc/charter-ietf-spring/

On agenda of 2024-11-21 IESG telechat (Internal Review)

WG Engagement

From the charter:

    The SPRING WG will manage its specific work items based on WG

    engagement and successful adoption.

What is "WG engagement"? The WG should be interested in the content and involved in developing the document. WG engagement implies at least two reviews or a robust technical discussion.

The Chairs will determine whether WG engagement exists.

WG Engagement (2)

<u>Reviews</u>

A review is a set of comments about the overall state of the document or its contents. It is more than "I read the draft and support it", and certainly more than "support" or "+1".

A lack of reviews or volunteers to do them can be interpreted as a lack of interest in the work.

<u>Technical Discussions</u>

A robust technical discussion is related to the contents of a draft, its options, or other related topics. The expectation is that at least one non-author represents other perspectives from what is written in the draft or points out missing considerations. IOW, there should be a conversation or debate -- to reach a decision or exchange ideas.

Ideally, the authors can start a discussion on the list by pointing out items they want feedback on or the main enhancements proposed. An active on-list discussion will help prioritize meeting time.

WG Engagement (3)

<u>WG Adoption Calls</u>

Authors are encouraged to request adoption once they believe WG engagement has been achieved.

When authors request adoption and if the Chairs determine that WG Engagement exists, the document is placed in the "Candidate for WG Adoption" state. When the call for adoption starts, the document will move to the "Call For Adoption By WG Issued" state.

<u>WGLCs</u>

For WG documents, continued WG engagement is required. The authors must engage the WG by starting discussions on the list or giving presentations (of significant updates).

When authors request WGLC, the Chairs appoint a Document Shepherd, who may be a WG Chair or participant, with a preference for participants serving as shepherds, if they consider the WG engagement bar met. The Document Shepherd must provide a technical review of the document and ensure that any open issues have been closed. At that point, the Document Shepherd advises the Chairs to start the WGLC.

WG status

New WG document

- draft-ietf-spring-srv6-mpls-interworking

AD evaluation - revised ID needed

- draft-ietf-spring-srv6-srh-compression

WG Activity Update, as filled by authors

draft-ietf-spring-resource-aware-segments	ready for WGLC	Addressed the review comments from Bruno
draft-ietf-spring-bfd	ready for WGLC	Addressed Shepherd's review
draft-ietf-spring-sr-for-enhanced-vpn	ready for WGLC	* Editorial changes * Updated some references
draft-ietf-spring-stamp-srpm	ready for WGLC	Revised with editorial changes
draft-ietf-spring-cs-sr-policy	ready for WGLC	Addressed comments received from the WG; ready for WGLC
draft-ietf-spring-dhc-distribute-srv6-locator-dhcp	ready for WGLC	Enhance details on vendor implementation (update draft by November 2, including running code),ready for WGLC
draft-ietf-spring-pmtu-sr-policy	update	Addressed the review comments from Alvaro

WG Activity Update, as filled by authors

draft-ietf-spring-srv6-path-segment	ready for WGLC	Raised discussion in ML and received a lot of discussions and supports. Already update several revisions to address the received comments from . Ready for WGLC with enough supports. Details: * Used PSID to replace Path Segment following the practice in RFC9545 * Updated the text of why need PSID in introduction to address Greg's comments. * Updated the text in section 3 to explain the usage of PSID. Avoid the unclear logic between SR path, Candidate Path and SR policy to address Joel's comment. * Updated section 3.1 according to Changwang's comments to simplify the logic, emphasizing using the existing SID structure. * Updated section 4.1 according to Changwang's comments to simplify and correct the description of SRH.P-flag. * Updated the section 6 to correct the rules when SRv6 compression is also implemented * Updated IANA section * Other editorial modifications.

WG Activity Update, as filled by authors [spring-draft-list - Google Sheets](#)

No update:

draft-ietf-spring-mpls-anycast-segments

draft-ietf-spring-sr-service-programming

draft-ietf-spring-sr-policy-yang

draft-ietf-spring-srv6-yang

draft-ietf-spring-segment-protection-sr-te-paths

draft-ietf-spring-sr-redundancy-protection

draft-ietf-spring-srv6-srh-compression

draft-ietf-spring-srv6-security

Agenda

9:30 SPRING Status - Chairs (15 mins)

9:45 Segment Routing IPv6 Security Considerations (15 mins)

draft-ietf-spring-srv6-security
Presenter: Nick Buraglio

10:00 Circuit Style Segment Routing Policies (10 mins)

Presenter: Zafar Ali
draft-ietf-spring-cs-sr-policy

10:10 Distribute SRv6 Locator by DHCP (10 mins)

Presenter: Weiqiang Cheng/Changwang Lin
draft-ietf-spring-dhc-distribute-srv6-locator-dhcp

10:20 SRv6 Context Indicator SIDs for SR-Aware Services (10 mins)

Presenter: Jiaming Ye/Changwang Lin
draft-lin-spring-srv6-aware-context-indicator

10:30 4map6 Segments for IPv4 Service delivery over IPv6-only underlay networks (10 mins)

Presenter: Guozhen Dong
draft-dong-spring-sr-4map6-segments

10:40 Encoding Network Slice Identification for SRv6 (10 mins)

Presenter: Liyan Gong/Weiqiang Cheng
draft-cheng-spring-srv6-encoding-network-sliceid

10:50 Link Discovery Protocol (LLDP) Extensions for Segment Routing over IPv6 (SRv6) (10 mins)

Presenter: Liyan Gong/Changwang Lin
draft-gong-spring-lldp-srv6-extensions

11:00 SRv6 SFC Architecture with SR-aware Functions (10 mins)

Presenter: Yuta Fukagawa/Wataru Mishima
draft-watal-spring-srv6-sfc-sr-aware-functions