SPRING

IETF 110
March 2021

Note Well

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- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
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- https://www.ietf.org/privacy-policy/ (Privacy Policy)

Session I
Monday, 13:00-15:00, March 8, 2021 (UTC+1)

o SPRING Status   [10 minutes]
   Chairs

o Compressed SRv6 SID List Requirements [15 minutes]
   draft-srcompdt-spring-compression-requirement-04
   Weiqiang Cheng

o Compressed SRv6 SID List Analysis [15 minutes]
   draft-srcompdt-spring-compression-analysis-00
   Weiqiang Cheng

o Segment Routing Header encapsulation for Alternate Marking Method [
10 minutes]
   draft-fz-spring-srv6-alt-mark-00
   Giuseppe Fioccola

o OAM for Service Programming with Segment Routing [10 minutes]
   draft-ali-spring-sr-service-programming-oam-03
   Zafar Ali

o SRv6 In-situ Active Measurement   [10 minutes]
   draft-song-spring-siam-00
   Haoyu Song

o Performance Measurement Using Simple TWAMP (STAMP) for Segment
Routing Networks   [5 minutes]
   draft-gandhi-spring-stamp-srpm-05
   Rakesh Gandhi

o Enhanced Performance and Liveness Monitoring in Segment Routing
Networks   [5 minutes]
   draft-gandhi-spring-sr-enhanced-plm-04
   Rakesh Gandhi

o Segment Routed Time Sensitive Networking   [10 minutes]
   draft-stein-srtsn-00
   Yaakov (J) Stein

o YANG data model for BGP Segment Routing TE Extensions   [10 minutes]
   draft-deevi-idr-bgp-srte-yang-01
   Krishna Deevi

Speaker Shuffling Time/Buffer: 10 minutes
Total Presentation Time: 120 minutes

Meeting

- Minutes are collaborative:
  - https://codimd.ietf.org/notes-ietf-110-spring#
  - Please check and correct. e.g. , your name, your comments.

- Queue management
  - Enter the queue by pressing the"raise hand" icon.
  - **Need to separately send audio to speak** once recognized in the queue.

- Please mute yourself when not speaking

- Sessions are recorded

New WG documents

- draft-ietf-spring-sr-for-enhanced-vpn-00
  - Segment Routing based Virtual Transport Network (VTN) for Enhanced VPN

- draft-ietf-spring-srv6-path-segment-00
  - Path Segment for SRv6

Recent WG Adoption Calls

- draft-gandhi-spring-twamp-srpm
  draft-gandhi-spring-stamp-srpm

- Enough support but not adopted at this time as the corresponding IPPM extensions were not adopted by IPPM WG.

  ○ draft-gandhi-ippm-stamp-srpm-00 - Simple TWAMP (STAMP) Extensions for Segment Routing Networks

  ○ draft-gandhi-ippm-twamp-srpm-00 - TWAMP Light Extensions for Segment Routing Networks

  ○ https://mailarchive.ietf.org/arch/msg/ippm/mACgnxbYy64FK9RCoq_8GhxdfPw/

Next WG Last Calls

- Draft-ietf-spring-nsh-sr
  - WGLC under way
  - Very limited review and support so far.
  - Please review if you have some interest in this doc.

RFC (editor)

- New RFC

  Segment Routing over IPv6 (SRv6) Network Programming

  [RFC 8986](#) *(was draft-ietf-spring-srv6-network-programming)*

- IESG approved, in RFC editor queue

  YANG Data Model for Segment Routing

  draft-ietf-spring-sr-yang-30

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Session II
Thursday, 13:00-15:00, March 11, 2021 (UTC+1)


o SPRING Status    [ 5 minutes ]             o SRv6 and MPLS interworking    [ 10 minutes ]
    Chairs                                        draft-agrawal-spring-srv6-mpls-interworking-05
                                                  Swadesh Agrawal

o SR Replication Segment for Multi-point Service Delivery
      [ 10 minutes ]                          o The SRv6 END.DTM Endpoint Behavior [ 10 minutes ]
    draft-ietf-spring-sr-replication-segment-04   draft-bonica-spring-srv6-end-dtm-04
    Daniel Voyer                                  Ron Bonica

o SR-TE Path Midpoint Protection     [ 10 minutes ]   o Building blocks for Slicing in Segment Routing Network
    draft-hu-spring-segment-routing-proxy-forwarding-13   [ 10 minutes ]
    Huaimo Chen                                   draft-ali-spring-network-slicing-building-blocks-04
                                                  Zafar Ali

o Segment Routing for Redundancy Protection [ 10 minutes ]
    draft-geng-spring-sr-redundancy-protection-02   o Scalable Network Slicing over SR Networks
    Fan Yang/Xuesong Geng                         draft-bestbar-spring-scalable-ns-01
                                                  Tarek Saad [ 10 minutes ]

o Seamless SR Problem Statement      [ 10 minutes ]
    draft-hegde-spring-mpls-seamless-sr-05    If time allows:
    Shraddha Hegde                            (If time does not allow, those two presentations can be
                                              attended respectively in the TEAS and RTGWG WGs)

o BGP Color-Aware Routing Problem Statement [ 10 minutes ]
    draft-dskc-bess-bgp-car-problem-statement-01   o Scalability Considerations for Enhanced VPN (VPN+)
    Dhananjaya Rao                                draft-dong-teas-enhanced-vpn-vtn-scalability-02
                                                  Jie Dong [ 10 minutes ]


                                              o Associated Channel over IPv6       [ 10 minutes ]
                                                  draft-yang-rtgwg-ipv6-associated-channel-00
                                                  Fan Yang


                                              Speaker Shuffling Time/Buffer:     5 minutes
                                               Total Presentation Time:          120 minutes
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