Note Well

• Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

  • The IETF plenary session
  • The IESG, or any member thereof on behalf of the IESG
  • Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
  • Any IETF working group or portion thereof
  • Any Birds of a Feather (BOF) session
  • The IAB or any member thereof on behalf of the IAB
  • The RFC Editor or the Internet-Drafts function

• All IETF Contributions are subject to the rules of RFC 5378 and RFC 8179.

• Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult RFC 5378 and RFC 8179 for details.

• A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

• A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.
Minutes

• May be collaborative:


• Need 1 minute taker & jabber scribbe
Agenda

- Note Well
- Scribe
- Blue Sheets
- Document Status including drafts in IESG's hands:
  draft-ietf-spring-segment-routing-central-epe
  draft-ietf-spring-segment-routing-msdc
  draft-ietf-spring-segment-routing
  draft-ietf-spring-segment-routing-mpls
  → 15 minutes... 15:20

- MPLS Segment Routing in IP Networks
  draft-bryant-mpls-unified-ip-sr-03
  Jeff Tantsura
  → 5 minutes... 15:35

- Unified Source Routing Instructions using MPLS Label Stack
  draft-xu-mpls-unified-source-routing-instruction-04
  Xiaohu Xu
  → 5 minutes... 15:40

- Interconnecting SR-MPLS nodes with IP Tunnel
  Discussion on both drafts
  → 10 minutes... 15:45

- Interconnection of Segment Routing Domains – Problem Statement
  draft-farrel-spring-sr-domain-interconnect-01
  Adrian Farrel
  → 10 minutes... 15:55

- Segment Routing for Service Chaining
  draft-clad-spring-segment-routing-service-chaining.../
  Gaurav Dawra
  → 10 minutes... 16:05

- Path Segment in MPLS Based Segment Routing Network
  draft-cheng-spring-mps-path-segment-00
  Liang Geng, Mach Chen
  → 10 minutes... 16:25

- Traffic Accounting for MPLS Segment Routing Paths
  draft-hegde-spring-traffic-accounting-for-sr-paths-01
  Shraddha Hegde
  → 10 minutes... 16:35

- SR For SDWAN: VPN with Underlay SLA
  draft-dukes-sr-for-sdwan-00
  Darren Dukes
  → 10 minutes... 16:15

  Speaker Shuffling Time
  → 5 minutes... 16:45

  Total → 90 minutes... 16:50

  ---------------------- if time permits

- YANG Data Model for Segment Routing
  draft-ietf-spring-sr-yang-06
  Yingzhen Qu
  → 0 minutes
WG Documents Status

• SR uses cases:
  – draft-ietf-spring-ipv6-use-cases-11
  – draft-ietf-spring-oam-usecase-09
  – draft-ietf-spring-resiliency-use-cases-11

• IESG telechat: 2017-12-14
• Waiting for AD Go-Ahead
WG Documents Status

• Segment Routing Architecture
  – draft-ietf-spring-segment-routing-13
  – Substantial updates, please review changes

• Segment Routing EPE
  – draft-ietf-spring-segment-routing-central-epe-07
  – -07 intended to address AD’s comments

• In IETF Last Call until 2017-11-30
• IESG telechat: 2017-12-14
WG Documents Status

• BGP-Prefix Segment in large-scale data centers
  – draft-ietf-spring-segment-routing-msdc-06
  – -06 intended to address AD’ comments

• Segment Routing interworking with LDP
  – draft-ietf-spring-segment-routing-ldp-interop-09

• Submitted to IESG for Publication
  – Publication Requested / AD Evaluation::AD Followup
WG Documents Status

• Segment Routing with MPLS data plane
  – draft-ietf-spring-segment-routing-mpls-11

• AD reviewed
  – 11 changed lots of text.
  – Will be returned to the WG for review.
WG Documents Status

• Segment Routing MPLS Conflict Resolution
  – draft-ietf-spring-conflict-resolution-05

• WG LC initiated
  – Has support but 1 significant point raised: conflict between multiple routing instances/LSDB

• Need to be resolved before progressing
draft-ietf-spring-segment-routing overview of changes

• Introduction rewritten
• Terminology (Some clarifications, SR Policy added)
• IGP encoding details removed
• Algorithm definition revised
• SRGB index use clarified
• Binding SID clarified
• Reduce duplication w ietf-spring-segment-routing-mpls (work in progress)
draft-ietf-spring-segment-mpls
overview of changes

• Focused on forwarding plane related behaviors
• Multiple forwarding “behaviors” for a given destination
• SRGB/SRLB definitions more complete (*)
• More detailed examples

(*) Still some overlap with architecture document – this will be resolved