# SPRING

Wednesday, November 15

IETF-100

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# Minutes

- May be collaborative:
- http://etherpad.tools.ietf.org:9000/p/notes-ietf-100-spring?useMonospaceFont=true
- Need 1 minute taker & jabber scribbe

o Administrativia
Chairs
- 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

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

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

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

o Interconnection of Segment Routing Domains - Problem Stateme
draft-farrel-spring-sr-domain-interconnect-01
Adrian Farrel
⟶ ⟶10 minutes · · ·15:55

o Segment Routing for Service Chaining
draft-clad-spring-segment-routing-service-chaining · · ·/ · d
Gaurav Dawra
⟶ ⟶10 minutes · · ·16:05

o Path Segment in MPLS Based Sement Routing Network
draft-cheng-spring-mpls-path-segment-00
Liang Geng, Mach Chen
⟶ ⟶10 minutes · · ·16:25

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

o 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

 o 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](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](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](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](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