draft-ietf-spring-segment-routing-policy-01

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Updates Since IETF 101

• SPRING WG adoption call was started after IETF 101
• draft-filsfils-spring-segment-routing-policy-05 was adopted
• Comments received during presentation at IETF 101 & during WG adoption call incorporated
• Major change was re-organization of draft-filsfils-spring-segment-routing-policy-05 to first focus on progression of core SR Policy framework and other aspects moved into separate documents
• Minor changes to clarify details and improve text based on comments/feedback
Document Re-organization

• draft-ietf-segment-routing-policy
  • Core SR Policy Architecture

• draft-filsfils-spring-sr-policy-considerations
  • Content from Appendix (sec 14 & some other) of draft-filsfils-spring-segment-routing-policy-05
  • Implementation aspects for SR Policy on head-end and controller
  • Deployment aspects and use-cases

• draft-filsfils-spring-sr-traffic-counters
  • Content from sec 13 of draft-filsfils-spring-segment-routing-policy-05
  • Traffic counters for SR
SR Policy Architecture draft Focuses on

• SR Policy Framework & Information Model
• Segment Routing Database used for SR Policy
• Segment Types
• Validation of Candidate Path and Selection of Active CP
• Binding SID Concept & Usage
• Steering Mechanisms for SR Policy
• Protection Mechanisms
Status

• Document has matured with contributions from multiple vendors and operators
  • We have existing implementations
  • We have ongoing deployments/trials

• Document being updated with clarifications and details based on deployment and implementation experience

• Work on-going on various aspects like signalling, YANG model, OAM, etc. in separate documents
Next Steps ...

• Welcome review and inputs/feedback from WG