

Segment Routing drafts update

IETF 89, SPRING WG
London, March 2014

Segment Routing Use Cases

- draft-filsfils-rtgwg-segment-routing-use-cases-02
 - Describes use cases for which segment routing brings the solution
 - During IETF88 consensus was reached for WG item adoption (both during the meeting and in mailing list)
 - However, authors have been asked to publish a solution-agnostic document
 - Hence: draft-previdi-spring-problem-statement draft now available
 - Authors accepted to defer draft-filsfils-rtgwg-segment-routing-use-cases adoption after the problem statement draft
 - draft-filsfils-rtgwg-segment-routing-use-cases will be re-submitted with “spring” in the filename

Segment Routing Draft

- draft-filsfils-rtgwg-segment-routing-02
 - Describes segment routing technology
 - Will be resubmitted as draft-filsfils-spring-segment-routing
 - No changes since Vancouver (IETF88)
- As for the use-cases draft, authors will wait for draft-previdi-spring-problem-statement before asking progress on this draft.

SR-IPv6 Segment Routing Drafts

- As we speak, the following two new drafts are going to be submitted:
 - draft-previdi-6man-segment-routing-header-00
 - draft-martin-spring-segment-routing-ipv6-use-cases-00

- **SPRING**
 - draft-filsfils-rtgwg-segment-routing-02
 - draft-filsfils-rtgwg-segment-routing-use-cases-02
 - draft-previdi-spring-problem-statement-00

- **SR Protocol Extensions drafts**
 - draft-previdi-isis-segment-routing-extensions-05
 - draft-psenak-ospf-segment-routing-extensions-04
 - draft-psenak-ospf-segment-routing-ospfv3-extension-01
 - draft-sivabalan-pce-segment-routing-02
 - draft-sivabalan-pce-lsp-setup-type-01

- **SR-MPLS drafts**
 - draft-filsfils-spring-segment-routing-mpls
 - draft-filsfils-spring-segment-routing-ldp-interop

One implementation available
Multiple implementations under way
Interoperability testing and reports soon