

Segment Routing for Redundancy Protection

draft-geng-spring-sr-redundancy-protection-00

Xuesong Geng (gengxuesong@huawei.com)

Mach Chen (mach.chen@huawei.com)

Fan Yang (shirley.yangfan@huawei.com)

History

- IETF 104, [DetNet WG](#), DetNet SRv6 Data Plane Encapsulation, [*draft-geng-dp-sol-srv6-00*](#)
- IETF 105, [DetNet & 6man WG](#), DetNet SRv6 Data Plane Encapsulation, [*draft-geng-dp-sol-srv6-01*](#)
- IETF 106, [DetNet WG](#), SRv6 for Deterministic Networking (DetNet) [*draft-geng-spring-srv6-for-detnet-00*](#) ,
DetNet SRv6 Data Plane Encapsulation, [*draft-geng-dp-sol-srv6-01*](#)

Ongoing and Plan

- Take service protection function from three DetNet techniques
- Propose redundancy protection solution ([draft-geng-spring-sr-redundancy-protection-00](#)) in SPRING
 - as a generalized service protection solution
 - two Segments (Redundancy Segment and Merging Segment) are defined
 - meta data to carry Flow Identification and Sequence Number
 - redundancy policy as a variant SR policy
- other extension works in SPRING and 6MAN WGs
- collect feedback from Chairs & WG

Thanks