IPv6 SPRING Use Cases
draft-ietf-spring-ipv6-use-cases-01

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Motivations

- MPLS may not be present everywhere:
  - lack of support in some network segments
  - operator's design choice
- MPLS may not be ready for IPv6 only:
  - gaps identified in *draft-ietf-mpls-ipv6-only-gap*

Use Cases

- Spring in the Home Network:
  - Address the problem of multiple egress points
- Spring in the Access Network:
  - Associate traffic flows to different capacity pipes
- Spring in the Data Center:
  - Build Service chaining
- Spring in the Content Delivery Network:
  - Handle Hierarchical caches
- Spring in the Core network:
  - Create Traffic Engineering paths (disjoint, latency, bandwidth, other constraints)

Changes in -01

- Incorporated Wes George's comments about the challenges of running MPLS in IPv6 only networks

- Added reference to *draft-ietf-mpls-ipv6-only-gap*

Next Steps

- Review the document and send comments
- Join us at the **Bits-N-Bites for a live demo!**

Questions?

Thanks!