A Framework for Computed Multicast applied to MPLS based Segment Routing

draft-allan-spring-mpls-multicast-framework-02

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IETF97

Quick Recap: Approach

- The draft postulates an architecture whereby multicast trees are a hybrid of roots, leaves, and replication points interconnected with unicast tunnels, with the routing of the tree and location of the nodes that need to install state is determined entirely from information in the IGP
  - Which has been augmented to add TLVs for multicast interest
- The draft describes
  - Terminology
  - Overall approach
  - Loose and Specified multicast distribution trees
  - Algorithm
  - FIB installation procedures

Progress since IETF 96

- 02 version simply includes further clarifications
  - Tightens up the specification of order of operations
- Detailed companion tutorial published
  - http://standards.ericsson.com/mpls/SPRING_Multicast_Tutorial_v4.pdf

Next Steps

- Seek WG adoption