

draft-smirnov-ospf-xaf-te-06:

“OSPF Routing with Cross-Address Family MPLS Traffic Engineering Tunnels”

- Status:
 - Was presented to OSPF WG at IETF 89
 - Was briefly discussed in a few meetings after
 - Several requests for comments were made on the list (both from the authors and WG chairs)
 - No comments from the WG – neither positive nor negative
 - Has been reviewed by two Routing Directorate reviewers with favorable comments: “use-case is very clear and useful to solve”

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- Recap of the problem being solved:
 - In dual-stack IPv4/IPv6 network using MPLS TE, network operations could be simplified.
 - Only advertise TE links in one protocol (OSPFv2 or OSPFv3)
 - Share LSPs for traffic from both IPv4 and IPv6

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- Solution:
 - Reuse Node Attribute TLV defined in RFC 5786 to advertise TE endpoints for either IPv4 or IPv6 in either OSPFv2 or OSPFv3