

rfc8059-9798-bis draft

Vengada Prasad Govindan

Stig Venaas

Cisco Systems

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Status since last IETF

- Adopted after Montreal meeting (Jan 2026)
- Presented first at IETF-123 (Madrid/ Jul 2025)
- Based on RFC 8059 and 9798 – both informational

Recap on motivation

- Both RFC 8059 and RFC 9798 were Experimental.
 - With enough deployment experience we propose to move to Standards Track
 - Probably one of the last (few) documents undergoing Exp->Std bis process
- Why are they needed?
 - ETRs need to signal underlay transport type (e.g. IPv6 Unicast underlay, IPv4 Multicast Underlay)
 - Receiver RLOCs need to signal the Receiver RLOC or underlay multicast group to be used by the xTR for encapsulation

Details

- Two PIM J/P attributes are defined
 - LISP Transport Attribute
 - Receiver ETR RLOC attributes
- Caters to all 4 types of IP underlays that can be done
- Supports mixed mode where ETRs can signal their transport and encapsulation preferences
- IANA codepoints can be reused?

Next Steps

- Feedback to progress the drafts requested
 - Both LISP and PIM WGs are requested for feedback
 - Original documents were done by the PIM WG, so the bis work continues in PIM WG (as decided in Montreal)