LISP Map Server Reliable Transport
draft-ietf-lisp-map-server-reliable-transport-03

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Quick Recap

- Avoids periodic UDP communication between xTR and Map-Server to maintain soft state
- The LISP Map-Server Reliable (TCP) transport is extensively used in multiple deployments
- Current production deployments show rapid benefits to scale deployments, and it's been key to support operation at scale.
  - Deployment with large number of EIDs
  - Mobility at scale
  - Redistribution of database-mappings to interact with other systems
  - Helps to scale scenarios where 1000s of EIDs per XTR and thousands of XTRs

Updates since –Version 01 (presented at IETF 114)

- Removed QUIC/SCTP as transport
  - Based on received feedback
  - There is TCP implementation in production at multiple deployments
  - There are no known implementations based on QUIC or SCTP
  - QUIC as transport can be separate draft in the future, if there is interest
- Focus now is only on TCP as the transport

Ports allocations

- Document includes IANA Considerations section with port allocation request

Reliable Transport	Port allocation (intended)	Comments
TCP	4342	LISP CONS expired. Port no longer reserved

Comments, Questions?

- Request for WG last-call
- Should we move this to standard track?
  - Years of experience running this in production
  - ICAO requires Standards Track