MANET WG IETF 110

Friday, March 12, 2021, 15:30 – 16:30 CET

Chair: Ronald in 't Velt

Responsible AD: Alvaro Retana

Meeting materials: https://datatracker.ietf.org/meeting/110/session/manet

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- https://www.ietf.org/privacy-policy/(Privacy Policy)

This session is being recorded!

Agenda

1. Opening - 10 min (Chair)
   - Note Well etc.
   - Notetaker
   - Agenda bashing
   - I-D status

2. DLEP Flow control I-Ds - 10 min (Lou Berger)
   - https://datatracker.ietf.org/doc/draft-berger-manet-dlep-ether-credit-extension/
   - https://datatracker.ietf.org/doc/draft-ietf-manet-dlep-credit-flow-control/
   - https://datatracker.ietf.org/doc/draft-ietf-manet-dlep-da-credit-extension/
   - https://datatracker.ietf.org/doc/draft-ietf-manet-dlep-traffic-classification/

3. PHY-related DLEP extension I-Ds - 20 min (Henning Rogge)
   - https://datatracker.ietf.org/doc/draft-rogge-manet-dlep-radio-band/
   - https://datatracker.ietf.org/doc/draft-rogge-manet-dlep-channel-utilization/
   - https://datatracker.ietf.org/doc/draft-rogge-manet-dlep-radio-quality/

4. Proposal for a DLEP Clarifications & Lessons Learned I-D - 10 min (Lou Berger + Rick Taylor)

5. Future work - 10 min (chair, open mic)

Document status

RFC 8703 Dynamic Link Exchange Protocol (DLEP) Link Identifier Extension   (Feb 2020)
RFC 8757 Dynamic Link Exchange Protocol (DLEP) Latency Range Extension (Mar 2020)

WG I-Ds
https://datatracker.ietf.org/doc/draft-ietf-manet-dlep-credit-flow-control/
https://datatracker.ietf.org/doc/draft-ietf-manet-dlep-da-credit-extension/
https://datatracker.ietf.org/doc/draft-ietf-manet-dlep-traffic-classification/

have been in WGLC 'forever', with no replies other than from the authors themselves. I promised to review and comment, but didn't: Mea Culpa, my apologies (again) to the authors.

Personal I-D
https://datatracker.ietf.org/doc/draft-berger-manet-dlep-ether-credit-extension/

has been in WG adoption call 'forever' (same story)

New I-Ds
https://datatracker.ietf.org/doc/draft-rogge-manet-dlep-radio-band/
https://datatracker.ietf.org/doc/draft-rogge-manet-dlep-channel-utilization/
https://datatracker.ietf.org/doc/draft-rogge-manet-dlep-radio-quality/

We need to discuss 'granularity' of these: merge or keep separate

Future Work - Intro

Work Items in current WG Charter:

- Develop a dynamic link exchange protocol (DLEP)
- DLEP extension to provide a credit-windowing scheme for destination-specific flow control
- DLEP extensions for reporting statistics by traffic classification
- Multicast MANET protocol framework based on Simplified Multicast Forwarding [RFC 6621] for scoped forwarding within MANET networks. As part of this framework the WG will produce a well defined MANET multicast forwarding information base (FIB)
- Document outlining challenges and best practices for deploying and managing MANET networks

and:

- The MANET WG is responsible for the maintenance of OLSRv2 [RFC 7181], NHDP [RFC 6130] and the Generalized MANET Packet/Message Format [RFC5444], and their extensions
  - RFC 7779 (Directional Airtime Metric for OLSRv2, Experimental) to Standards Track?
  - RFC 7722 (Multi-topology Extension for OLSRv2, Experimental) to Standards Track?

Not in scope of current charter:

- Inter-MANET Routing (https://datatracker.ietf.org/doc/slides-105-manet-inter-manet-routing/)