IETF 112 MANET WG

12 November 2021

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MANET WG

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Session Agenda

1. Administrivia, chairs, 5 min.

    - Note Well, Agenda bashing, etc.

2. WG draft status, chairs, 5 min.

3. DLEP errata resolution, 5 min.

4. WGLC-ing draft-ietf-manet-dlep-ether-credit-extension, 5 min.

    - Discussion

5. PHY-related DLEP extension drafts, 10 min.

    - Discussion on WG Adoption

6. Future work (revisited), 10 min.

7. DTN Network Management, Ed Birrane, 20 min.

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Document status

- Post-WGLC, under TSV ART early review
  - draft-ietf-manet-dlep-credit-flow-control
  - draft-ietf-manet-dlep-da-credit-extension
  - draft-ietf-manet-dlep-traffic-classification
- Ready for WGLC? (Agenda item 4)
  - draft-ietf-manet-dlep-ether-credit-extension
- Candidates for WG adoption (Agenda item 5)
  - draft-rogge-manet-dlep-radio-band
  - draft-rogge-manet-dlep-channel-utilization
  - draft-rogge-manet-dlep-radio-quality

DLEP errata resolution

- 2 (3?) errata, all about section 12.4 of RFC 8175
  - ➢ 6472, Rick Taylor, status: reported (back from from "held for document update")
  - ➢ 6730, 6731 (identical?), Brian Sipos, status: rejected (by Alvaro) as duplicate of 6472; however this one is about port numbers, whereas 6472 was about src / dst addresses
- Aim should be to come up with replacement text that fixes both issues
  - ➢ Any volunteers?

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- Counterpart of draft-ietf-manet-dlep-da-credit-extension
- 802.1Q header to distinguish flows (as opposed to DSCP in –da-credit)
- Relies on:
  - ➢ draft-ietf-manet-dlep-credit-flow-control
  - ➢ draft-ietf-manet-dlep-traffic-classification
- Ready for WGLC?
  - ➢ Chairs think so
  - ➢ Anyone opposed?

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PHY-related DLEP extension drafts

- **Candidates for WG adoption**
  - draft-rogge-manet-dlep-radio-band
    - Currently expired
    - But perhaps the least contentious
  - draft-rogge-manet-dlep-channel-utilization
    - Updated to -01 after IETF-111 incorporating ML review
    - Rationale for providing 'raw' parameters to router in author's ML post of August 5th
  - draft-rogge-manet-dlep-radio-quality
    - Updated to -01 after IETF-111
    - Probably needs some more discussion on the ML on how a router can exploit radio quality information
- More reviews are needed, before or after WG adoption!

Future Work

- Near future (?)
  - OLSRv2 router restart recommendations
  - DLEP clarifications & Lessons Learned I-D
    - Proponents don't have the cycles currently; looking for volunteers!

- Non-DLEP charter items
  - Multicast
    - No point in trying to beat proprietary (sub-IP layer) solutions?
  - Management
    - (next presentation)

- Non-charter items
  - Federation of heterogeneous MANETs
    - Routing overlay
    - Unicast and multicast

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