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.
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 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?
WGLC-ing draft-ietf-manet-dlep-ether-credit-extension

- 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?
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