MANET
Where are we? Where are we going?

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Routing AD

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History Lesson

- WG created in 1997
- RFC 2501 "Issues" published in 1991
- Experimental RFCs published 2003-2007
- Re-chartered August 2009

    Using mature components from previous work on experimental reactive and   proactive protocols, the WG will develop two Standards track routing   protocol specifications:

    - Reactive MANET Protocol (RMP)

    - Proactive MANET Protocol (PMP)

Milestones

- Nov 2013   Submit REPORT MIB to IESG
  - draft-ietf-manet-report-mib Expired May 4, 2013
  - Do we really care?
    - If not, can we end the pain?
- Mar 2014   Submit DLEP to IESG
  - Next slide
- Aug 2014   Submit AODVv2 IESG
  - Another slide

DLEP Status and Plans

- Implementations exist
  - Open source and commercial
- Proposed plan from authors
  - 13 Nov. 14 (Now) - Call for WG opinions on vendor extensions.
  - 19 Dec. 14 - WG consensus on the vendor extensions deadline.
  - Jan. 2015 - Text and readability.
  - 1 Mar. 15 - DLEP-08 and WGLC.
- Assessment
  - DLEP is wanted by part of the community
  - Stable and almost complete
  - Worth spending a little extra time to complete it
- Proposal to WG
  - Hold authors to the proposed plan
  - Adjust milestone to read
    - Apr 2015   Submit DLEP to IESG

AODVv2 Status and Plans

- Charlie already presented…
  - Early and partial implementations
    - Good feedback and good to know
  - Nine separate steps to completion
    - Leads to WG last call in March 2015
    - Would result in publication request in April 2015
- History teaches us that this schedule may be optimistic
  - Perhaps a little more work needed?
  - May need fuller implementations?
  - Rate of work might be slower?

Three Options for AODVv2

2. Re-charter to allow two standards track solutions
   - Competition may encourage progress
   - Not desirable to publish two solutions

1. Reset the milestone and continue
   - Work to the suggested plan
   - Continue to review and update as necessary

0. Remove reactive protocol from the charter
   - Encourage any reactive protocol to be published through the Independent Stream (as Informational or Experimental)

The Charter

- The charter is pretty out of date
- Need to decide what MANET is doing next
  - NHDP maintenance and extensions?
  - OLSR/OLSRv2 maintenance and extensions?
  - DLEP and SMF maintenance and extensions?
  - Management and security considerations?
- This needs more discussion than we have time for today
  - "Take it to the list"

Actions

- Confirm the three choices on the mailing list
  - Report MIB
  - DLEP
  - Reactive protocol
- Discuss detailed re-charter on the list
- Update milestones and re-charter as necessary

Chairs and Secretary

- Joe Macker has announced he wants to step down
  - Thanks for long and hard work
- The ADs have selected Justin Dean
  - bebemaster@gmail.com
- Ulrich Herberg has had a change in job
  - Unable to travel or spend too much time on MANET
  - Unfortunate because he has been a great secretary
  - Willing to continue helping as he can
- It is up to the chairs to decide what works best