MANET
WG Progress

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Miscellaneous

• IPR reminder - RFC 3979
  – https://datatracker.ietf.org/public/ipr_disclosure.cgi
  – If you know about IPR relevant to the technology and you are contributing .. speak up

• Jabber
  – manet@jabber.ietf.org

• Audiocast
  – http://videolab.uoregon.edu/events/ietf/
  – Please state your name clearly
MANET WG Document Status

• Generalized MANET Packet/Message Format
  – draft-ietf-manet-packetb-02.txt
• MANET Neighborhood Discovery Protocol
  – draft-ietf-manet-nhdp-01.txt
• Simplified Multicast Forwarding
  – draft-ietf-manet-smf-03.txt
• Dynamic MANET On-demand Routing
  – draft-ietf-manet-dymo-06.txt
• Optimized Link-State Routing Protocol version 2
  – draft-ietf-manet-olsrv2-03.txt

• All working group items are progressing
Various Other Topics

- DSR – In Final Stage of RFC Editor Queue

- IANA consideration discussion
  - draft-chakeres-manet-iana-02.txt

- InterWG Items
  - Autoconf Arch and Problem Definition
  - MANET Router Prefix Assignments
  - MANET-OSPF Design Team Perspective

- Milestone updates
Proposed Standard Maturation

- See Last Meeting
- Latest Guidelines Check
- Need Authors to prepare for STD Track submission
  - Begin to address relevant issues
  - Suggest soliciting early expert review where needed
Security Reminder

- There may be some existing routing protocol security specifications with similar threats and solutions
- RFC 4552 approach
  “This document describes means and mechanisms to provide authentication/confidentiality to OSPFv3 using an IPv6 Authentication Header/Encapsulating Security Payload (AH/ESP) extension header.”
  - Simplified IPSec
  - Fixed keys
  - Rollover
MANET Architecture

• Architectural Document
  – Joint document (intended for autoconf pub)
  – MANET flavor at this point
  – Chakeres ID Lead editor

• Needs more work and MANET interface definition
  – See this tonight’s autoconf for refinement proposals
Short Term Goals

• Review the IDs
• Reviewers and/or implementers
  – Send comments to list and/or author(s)
• Mature packetBB for submission
  – Others will follow like NHDP
• Mailing list discussion