draft-ietf-manet-smf-07

• Document has been unchanged since March
• A few minor editorials and clarifications are in progress
  – Double checking changes in other revised documents
  – Packet-bb namespaces, TLV extensions, etc
• Contributors are working on clarifying the multiple interface aspects/issues regarding the application of CDS forwarding algorithms
• Expect a revision in a few weeks -08, feel this will ready for LAST CALL WG consideration
“nrlsmf” Implementation Update

• Example user-space implementation available at:
• Supports SMF CDS modes in concert with unicast MANET routing protocols providing neighborhood discovery:
  - NRL-OLSR
    • S-MPR, MPR-CDS, E-CDS
  - Boeing MANET-OSPF Quagga reference code
    • E-CDS
• Real world and ns2/OPNET capable
• Supports CF mode for stand-alone operation
• Capable of forwarding among multiple interfaces
• IPv4/IPv6 are both supported including IPsec
• Present code has no packetbb integration
• Plan to integrate with packetbb library presented in Philadelphia
  - Waiting for packetbb spec to stabilize