

MANET Working Group

IETF 90, Toronto, July 2014

Chairs: Joseph Macker, Stan Ratliff

Proxy-chairs: Ulrich Herberg, Justin Dean

Online Agenda:

<https://datatracker.ietf.org/meeting/90/agenda/manet/>

Charter: <http://datatracker.ietf.org/doc/charter-ietf-manet/>

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- Speak/comment/questions using the microphones
- State your name before speaking

Agenda

- Bash the Agenda: Chairs [5]
- WG Status/Overview: Chairs [5]
- draft-ietf-manet-olsrv2-management-snapshot: Herberg [5]
- draft-dearlove-manet-ibs: Herberg [15]
- draft-yi-manet-smf-sec-threats (and other security work): Clausen [10]
- draft-ietf-manet-olsrv2-multitopology: Clausen [5]
- draft-dearlove-manet-nhdp-optimization: Clausen [5]
- draft-yi-manet-olsrv2-multipath: Clausen (proxying Yi) [15]
- draft-gerla-manet-odmrp: Clausen (proxying Colin de Verdiere) [10]
- draft-taylor-manet-l3-dlep: Taylor [10]
- draft-snyder-bfd-proxy-connections-monitored-links: Snyder [10]
- draft-ietf-manet-aodvv2: Perkins [20] (if time remaining)
- Open Microphone [5]


Document Status 1

- Completed:

RFC 7181 <i>(was draft-ietf-manet-olsrv2)</i>	The Optimized Link State Routing Protocol Version 2	2014-04	RFC 7181 (Proposed Standard) Updated by RFC7183 , RFC7187 , RFC7188	Adrian Farrel
RFC 7182 <i>(was draft-ietf-manet-rfc6622-bis)</i>	Integrity Check Value and Timestamp TLV Definitions for Mobile Ad Hoc Networks (MANETs)	2014-04	RFC 7182 (Proposed Standard)	Adrian Farrel Joseph Macker
RFC 7183 <i>(was draft-ietf-manet-nhdp-olsrv2-sec)</i>	Integrity Protection for the Neighborhood Discovery Protocol (NHDP) and Optimized Link State Routing Protocol Version 2 (OLSRv2)	2014-04	RFC 7183 (Proposed Standard)	Adrian Farrel Joseph Macker
RFC 7184 <i>(was draft-ietf-manet-olsrv2-mib)</i>	Definition of Managed Objects for the Optimized Link State Routing Protocol Version 2	2014-04	RFC 7184 (Proposed Standard)	Adrian Farrel
RFC 7185 <i>(was draft-ietf-manet-olsrv2-metrics-rationale)</i>	Link Metrics for the Mobile Ad Hoc Network (MANET) Routing Protocol OLSRV2 - Rationale	2014-04	RFC 7185 (Informational)	Adrian Farrel Stan Ratliff
RFC 7186 <i>(was draft-ietf-manet-nhdp-sec-threats)</i>	Security Threats for the Neighborhood Discovery Protocol (NHDP)	2014-04	RFC 7186 (Informational) Errata	Adrian Farrel Joseph Macker
RFC 7187 <i>(was draft-ietf-manet-olsrv2-mpmr-optimization)</i>	Routing Multipoint Relay Optimization for the Optimized Link State Routing Protocol Version 2 (OLSRv2)	2014-04	RFC 7187 (Proposed Standard)	Adrian Farrel Ulrich Herberg
RFC 7188 <i>(was draft-ietf-manet-nhdp-olsrv2-tlv-extension)</i>	Optimized Link State Routing Protocol Version 2 (OLSRv2) and MANET Neighborhood Discovery Protocol (NHDP) Extension TLVs	2014-04	RFC 7188 (Proposed Standard)	Adrian Farrel Ulrich Herberg

Document Status 2

- **Active:**

Active Internet-Drafts					
draft-ietf-manet-aodvv2-04	Dynamic MANET On-demand (AODVv2) Routing	2014-07-20 new	I-D Exists WG Document		
draft-ietf-manet-dlep-05	Dynamic Link Exchange Protocol (DLEP)	2014-02-10	I-D Exists WG Document		
draft-ietf-manet-ibs-00	Identity-Based Signatures for MANET Routing Protocols	2014-07-22 new	I-D Exists WG Document		
draft-ietf-manet-nhdp-optimization-00	An Optimization for the MANET Neighborhood Discovery Protocol (NHDP)	2014-07-21 new	I-D Exists WG Document		
draft-ietf-manet-olsrv2-dat-metric-01	Packet Sequence Number based directional airtime metric for OLSRV2	2014-07-22 new	I-D Exists WG Document		
draft-ietf-manet-olsrv2-management-snapshot-01	Snapshot of OLSRV2-Routed MANET Management	2014-07-04	I-D Exists WG Document		
draft-ietf-manet-olsrv2-multitopology-04	Multi-Topology Extension for the Optimized Link State Routing Protocol version 2 (OLSRv2)	2014-07-21 new	I-D Exists WG Consensus: Waiting for Write-Up		
draft-ietf-manet-smf-mib-11	Definition of Managed Objects for the Manet Simplified Multicast Framework Relay Set Process	2014-03-23	IESG Evaluation::Revised I-D Needed (for 117 days) Submitted to IESG for Publication		Adrian Farrel Stan Ratliff

- **Expired:**

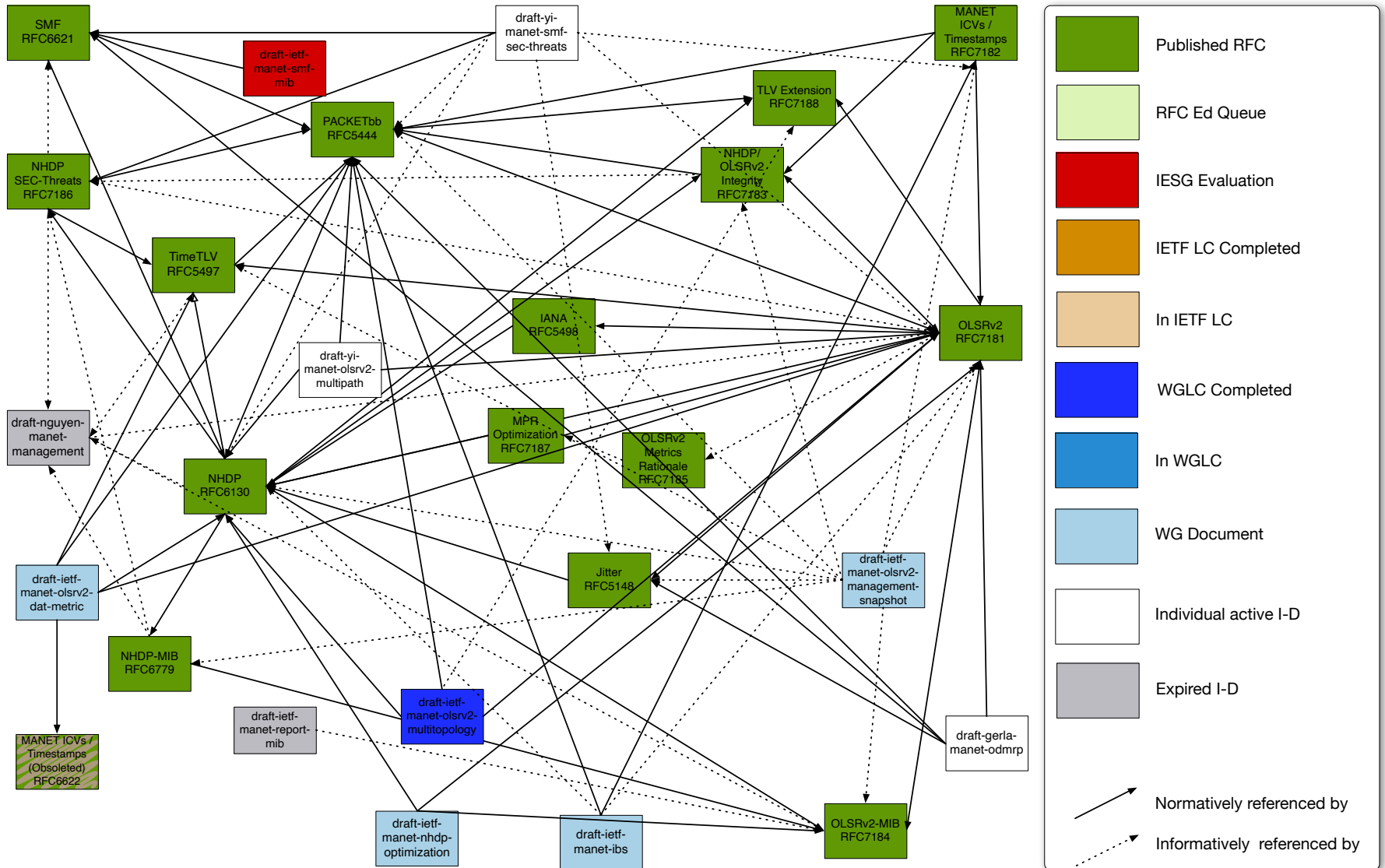
- draft-ietf-manet-report-mib-03 (last revision from 2012-11-5)

Related Individual Drafts

Related Internet-Drafts

draft-baccelli-manet-multihop-communication-03	Multi-hop Ad Hoc Wireless Communication	2014-03-03	I-D Exists (IESG: Dead) IETF		Brian Haberman
draft-clausen-manet-olsrv2-management-snapshot-01	Snapshot of OLSRV2-Routed MANET Management	2014-02-11	I-D Exists		
draft-dearlove-manet-ibs-00	Identity-Based Signatures for MANET Routing Protocols	2014-06-26	I-D Exists		
draft-gerla-manet-odmrp-03	On-Demand Multicast Routing Protocol (ODMRP) for Ad Hoc Networks	2014-07-04	I-D Exists		
draft-gerla-manet-odmrp-asym-00	ODMRP-ASYM	2014-02-14	I-D Exists		
draft-shaio-manet-common-l3-interface-00	A Common Layer 3 Interface for MANET	2014-03-27	I-D Exists		
draft-taylor-manet-l3-dlep-00	Layer-3 Extensions to DLEP	2014-06-30	I-D Exists		
draft-yi-manet-olsrv2-multipath-00	Multi-path Extension for the Optimized Link State Routing Protocol version 2 (OLSRv2)	2014-07-04	I-D Exists		
draft-yi-manet-reactive-jitter-03	Jitter Consideration for Reactive Protocols in Mobile Ad Hoc Networks (MANETs)	2014-02-14	I-D Exists		
draft-yi-manet-smf-sec-threats-00	Security Threats for Simplified Multicast Forwarding (SMF)	2014-07-04	I-D Exists		

Document Cobweb



Source: Thomas Clausen (thanks!)

Our Charter

- The purpose of the MANET working group is to standardize IP routing protocol functionality suitable for wireless routing application within both static and dynamic topologies with increased dynamics due to node motion or other factors.

[...] the WG will develop two Standards track routing protocol specifications:

- Reactive MANET Protocol (RMP)

- Proactive MANET Protocol (PMP)

