

NHDP, SMF, REPORT and OLSRv2 MIBs

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overview since Quebec City

- NHDP-MIB updated (posted), moved to WG Last Call
- SMF-MIB updated (posted), specifically Defaults and Security section
- REPORT-MIB, reduced and redefined based upon AUGMENTS to RMON-2
- OLSRv2-MIB, waiting for completion to NHDP-MIB

NHDP-MIB specific changes

- Posted as <draft-ietf-manet-nhdp-mib-10.txt>
- No comments from the WG during the Last Call
- Waiting till comments come from MIB-Doctors

SMF-MIB specific changes

- Posted as <draft-ietf-manet-smf-mib-03.txt>
- Defined default settings for RSSA algorithms, DPD algorithms, etc.
- Clarified definition of smfRouterID
- Added security section and first pass at security implications of of mis-configuration; needs help
- Future work: review security section and move to Last Call

REPORT-MIB specific changes

- Emailed to WG, will post following meeting
- Removed the statistical and the historical report based upon recommendations to and feedback from the WG
- Proposed as Experimental MIB
- Restructured the sampled reports based upon the use of AUGMENT to the tables within RMON-2
- Much simplified MIB and Conformance

OLSRv2-MIB

- No action since Quebec City meeting
- Once NHDP-MIB finalized and published, then rewrite OLSRv2-MIB tables as AUGMENT to NHDP-MIB tables
- Wait till OLSRv2 metrics defined and protocol published and finalize OLSRv2-MIB

comments/questions

Questions?

References

- 1 Herberg, U., Cole, R.G. and I. Chakeres, *Definition of Managed Objects for the Neighborhood Discovery Protocol*, IETF Draft, <draft-ietf-manet-nhdp-mib-10.txt>, September 2011.
- 2 Herberg, U., Cole, R.G. and T. Clausen, *Definition of Managed Objects for the Optimized Link State Routing Protocol version 2*, IETF Draft, <draft-ietf-manet-olsrv2-mib-03.txt>, January 2011.
- 3 Cole, R.G., Macker, J. and A. Bierman, *Definition of Managed Objects for Performance Reporting*, IETF Draft, <draft-ietf-manet-report-mib-03.txt>, November 2011.
- 4 Cole, R.G. Macker, J., Adamson, B. and S. Harnedy, *Definition of Managed Objects for the Manet Simplified Multicast Framework Relay Set Process*, IETF Draft, <draft-ietf-manet-smf-mib-03.txt>, October 2011.