

NHDP, OLSRv2, DYMO and SMF MIBs

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general changes since Beijing

- All updated to comply with (nearly) latest protocol drafts.
- All drafts nearly complete, i.e.,
 - Completed and aligned Notification Groups, and
 - Compiled against smilint and fixed all error and most warnings
- Open areas:
 - Security sections need completion,
 - Need close reviews by WG, and
 - Lining up expert reviews outside WG.

NHDP-MIB specific changes

- Added FLOAT32 type for link quality objects; now waiting for FLOAT-TC-MIB publication.
- Added window and threshold to notification control to limit number of notification messages.
- Notification objects include 1 and 2 hop neighbor changes and received bad packets.
- Aligned with draft-ietf-manet-nhdp-15.

OLSRv2-MIB specific changes

- Added Notification Group, including objects for router status changes, ID changes, router set recalculations and changes to MPR set.
- Cleaned up numerous errors found by smilint.
- Aligned with draft-ietf-manet-olsrv2-xx.

DYMO-MIB specific changes

- Restructured Notifications Group to align with the NHDP-MIB Notifications Group
- Added DYMO ID support requiring an Instance Table
- Aligned objects with draft-ietf-manet-dymo-21

SMF-MIB specific changes

- Added Notification Group.
- Cleaned up various Description clauses.
- removed routerPriority and added smfRouterID object to align with draft-ietf-manet-smf-10.

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-07.txt>, December 2010.
- 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 Harnedy, S., Cole, R.G. and I.D. Chakeres, *Definition of Managed Objects for the DYMO Manet Routing Protocol*, IETF Draft, <draft-ietf-manet-dymo-mib-04.txt>, January 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-02.txt>, January 2011.