

# REPORT MIB

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# Updates

- Added Notifications, which forced:
  - Changing the structure of the Sampled and the History reporting to align with the structure of the Statistics reports for the purpose of allowing for efficient notification and collection of data reports.
- Ran through smilint to clean up all errors and most warning.
- Updated the Conformance Group.

# Issue 1

Current notification model requires notification of 'report-complete' sent to manager and then manager retrieve 'data' via snmp-getbulk.

- Need to verify this method is correct in context of the MIB object and snmp-getbulk definitions.
- However, is this the desired model?
- Instead should we prefer a notification which contains the 'report-complete' and 'data'. Not sure how to do this currently.

## Issue 2

Current REPORT-MIB is hideously complex; just look at the Conformance Group.

- Contains three report types with options for statistics, high-capacity operations, etc.
- Should we table the bulk of this work and down scope to a simple, lightweight REPORT-MIB focusing on statistical reports with preset statistics and no options?
- Concentrate on getting something simpler out quick and gain experience to determine if interest merits developing additional capabilities.

# References

- 1 Cole, R.G., Macker, J. and A. Morton, *Definition of Managed Objects for Performance Reporting*, IETF Draft, <draft-ietf-manet-report-mib-01.txt>, February 2011.