LOWPAN-MIB

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draft-schoenw-6lowpan-mib-03
Purpose / Background

- The counters defined in the LOWPAN-MIB module provide statistics about the 6LoWPAN datagrams received and transmitted and how they are processed in the 6LoWPAN layer.
- Counters allow to identify problems related to fragmentation, compression or mesh forwarding.
- Version -03 is believed to be reasonably complete (regarding the published 6LoWPAN RFCs).
Implementation

• The counters have been instrumented in the Contiki operating system (as far as possible, there is no mesh forwarding support)
• The counters have been exported as MIB objects via our Contiki SNMP implementation
• Code is available, remote testing as well
Discussion

• Are the counters accurate and complete?
• Any changes needed to support related links layers such as BTLE or DECT ULE?
• Any changes needed to support fragment forwarding (should this work move forward)?
• Adopt as WG document?