

LOWPAN-MIB

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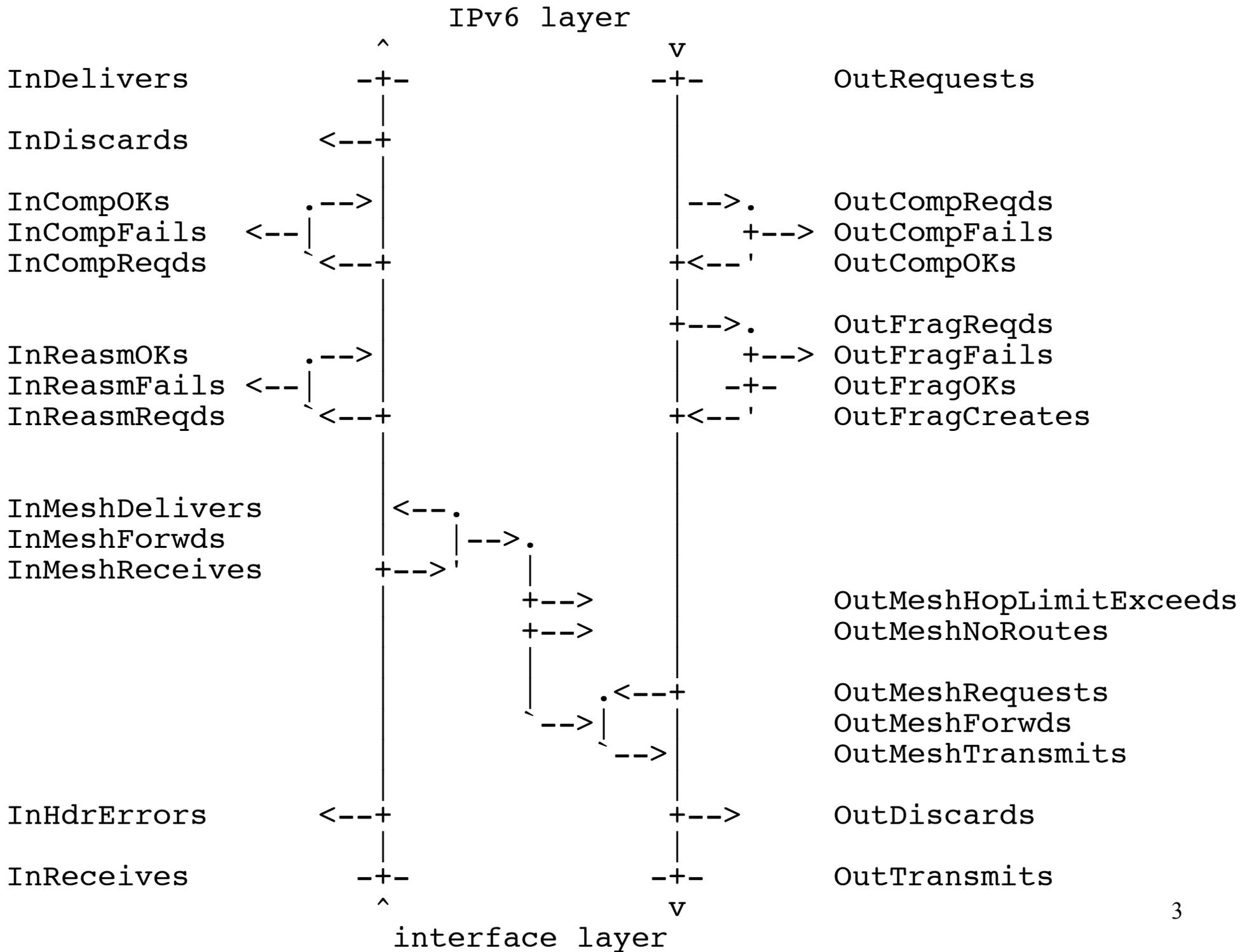
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Purpose / Background

- The counters defined in the LOWPAN-MIB module
 - provide statistics about the 6LoWPAN datagrams received and transmitted and
 - Information how they are processed in the 6LoWPAN layer
- Counters allow to troubleshoot problems related to fragmentation, compression or mesh forwarding
- Version -00 is believed to be reasonably complete (regarding the published 6LoWPAN RFCs)



Discussion

- Should the MIB module provide per interface statistics?
 - I believe this is not needed, can be added later in case this becomes necessary
 - It took a decade before the IP-MIB added per interface statistics
 - Prefer to keep things simple unless there is evidence the added complexity is needed
- Are the counters accurate and complete?
 - Find out via WG last call?