TLV support for BMP Route Monitoring and Peer Down Messages

draft-lucente-grow-bmp-tlv

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Jul 24th, 2019
IETF, GROW Working Group
Future-proofing BMP

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Background / History

draft-hsmit-bmp-extensible-routemon-msgs
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TLVs

Review message types

draft-<nice string here>

use-cases
Problem statement:
- Not all BMP message types support TLVs

Ideas in the draft:
- Support TLVs in Route Monitoring
- Support TLVs in Peer Down
- Bump version for backwards compatibility
Open questions

- Handling of Peer Down was left under specified:
  - Peer Down allows some (not all) reason codes to have trailing data (not necessarily in TLV format)
  - Feedback appreciated
Working Group Adoption?
Future-proofing BMP

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