

BMP Extension for Path Status TLV

draft-cppy-grow-bmp-path-marking-tlv-07

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Overview

- TLV option to convey path status in a BMP update
- Depends on draft-grow-bmp-tlv and draft-lucente-grow-bmp-tlv-ebit
- There is an (optional) reason field, if needed for extra troubleshooting

Changes from latest versions

- Use of an index to identify the prefix
- Implemented E-bit for enterprise specific TLVs
 - draft-lucente-grow-bmp-tlv-ebit
- Reason code now optional if not supported

Implementation and testing

- Develop code to forge BMP packets with the TLV option:
 - https://github.com/jccardonar/bmp_scapy
 - Works with latest version of the pmacct collector
- Path status draft was also tested in the IETF hackathon project presented by Thomas Graf

WG doc?

Encodings

