

BFD Stability Update

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Objective and Solution Recall

- The Objective is to measure the BFD stability by
 - Detecting BFD packet loss
- Loss
 - Compare the sequence number carried in Auth TLVs of successive BFD control packets;
 - When MD5 or SHA authentication is enabled, the sequence number is carried in Authentication TLV.
 - If non-meticulous authentication is used, or no authentication is in use, the sequence number is carried in the NULL-Auth TLV.

Updates in 04-version

- Text polishing
- Remove the “BFD Null-Authentication TLV”, does not define any new TLVs
- Reuse the “NULL Auth TLV” defined draft-ietf-bfd-optimizing-authentication-01
- BFD Packet delay measurement is considered as an implementation, out of the scope of this document.

Next step

- The draft is stable and the open issue is resolved.
- Ready for WG adoption?