Update on 6830bis/6833bis documents

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IETF 106 – Singapore

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Since IETF - 105

• Posted draft-ietf-lisp-rfc6830bis-28 (November 2019)
• Posted draft-ietf-lisp-rfc6833bis-26 (November 2019)
• Addressed roughly 160 discuss and comments
Fixed the behavior of Locator-Status-Bits

- When a locator is added/removed from the locator set xTR can no longer use LSB (L=0)
- Then the source xTR will send an SMR to the destination xTR and setup a 5 minute timer (recommended)
- Upon reception of the SMR, the destination xTR will refresh the EID-to-RLOC mappings
- After the timer expires, the source xTR can use LSB
Map-Version requires that ETRs within the LISP site are synchronized with respect to the Map-Version Number, EID-prefix and the set and status (up/down) of the RLOCs. The use of Map-Versioning without proper synchronization may cause traffic disruption. The synchronization protocol is out-of-the-scope of this document, but MUST keep ETRs synchronized within a 1 minute window.
• Removed reference to TE at the ITR definition
• Removed definition for Negative cache entry
• Removed definitions for TE-ETR and TE-ITR
• State that “Participants within a LISP deployment must agree on the meaning of Instance ID values.”
• Clarify when information MAY be gleaned
• Other minor edits
• Clarify when the A-bit can be set in Map-Reply
• Clarify that we do not specify a strict meaning for the Site-ID field. Informally it provides an indication that a group of xTRs have some relation, either administratively, topologically or otherwise.
• Clarify that the Authentication Data is recomputed and verified in Map-Notify and Map-Notify-Ack
• Removed the section describing “Locator Set compacting”
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• Removed references to BGP since it is not consistent with the new scope of applicability
• Removed reference to LISP+ALT
• Clarified Security Considerations
• Fixed some errors in Section “Changes since RFC 6833”
• Other minor edits
Current IESG Evaluation Record

draft-ietf-lisp-rfc6830bis-28  draft-ietf-lisp-rfc6833bis-26