RFC 6951bis: SCTP/UDP

draft-tuexen-tsvwg-rfc6951-bis-03

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Motivation

- Incorporate draft-tuexen-tsvwg-sctp-udp-encaps-cons-07 into RFC 6951.
- This adds explicit considerations for the case where checking the verification tag is not possible (reception of OOTB packets and packets containing an INIT chunk).
- Feedback from the former and current Transport AD indicated it is better to write a bis document for SCTP/UDP than to have two documents covering UDP encapsulation.
History

- draft-tuexen-.tsvwg-rfc6951-bis-00
  Submit RFC 6951 as an ID.
- draft-tuexen-.tsvwg-rfc6951-bis-01
  Update to xmlv3.
- draft-tuexen-.tsvwg-rfc6951-bis-02
  Wordsmithing and updating references.
- draft-tuexen-.tsvwg-rfc6951-bis-03
  Integrate draft-tuexen-.tsvwg-sctp-udp-encaps-cons-06.
Implementation Status

• Implemented in the kernel stacks of FreeBSD and Linux. Therefore, there are two independent interoperable open source implementations available.

• Implemented in the usrsctp userland stack, interoperable with the two kernel stacks.

• Supported in:
  – Wireshark
  – packetdrill
Next Steps

• Add a packetdrill test suite.
• Address
  – anything required to be done by the authors before considered for WG adoption.
  – any additional feedback.