

RFC 6951bis: SCTP/UDP

draft-tuexen-tsvwg-rfc6951-bis-03

Michael Tüxen (tuexen@fh-muenster.de)

Randall Stewart (randall@lakerest.net)

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 usersctp 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.