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[RFC 3436](#)

Title: Transport Layer Security over Stream Control  
Transmission Protocol  
Author(s): A. Jungmaier, E. Rescorla, M. Tuexen  
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Mailbox: [ajung@exp-math.uni-essen.de](mailto:ajung@exp-math.uni-essen.de), [ekr@rtfm.com](mailto:ekr@rtfm.com),  
[Michael.Tuexen@icn.siemens.de](mailto:Michael.Tuexen@icn.siemens.de)  
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This document describes the usage of the Transport Layer Security (TLS) protocol, as defined in [RFC 2246](#), over the Stream Control Transmission Protocol (SCTP), as defined in [RFC 2960](#) and [RFC 3309](#).

The user of TLS can take advantage of the features provided by SCTP, namely the support of multiple streams to avoid head of line blocking and the support of multi-homing to provide network level fault tolerance.

Additionally, discussions of extensions of SCTP are also supported, meaning especially the support of dynamic reconfiguration of IP-addresses.

This document is a product of the Transport Area Working Group Working Group of the IETF.

This is now a Proposed Standard Protocol.

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

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