

Stream Control Transmission Protocol (SCTP)

[Return to Glossary](#)

The **Stream Control Transmission Protocol (SCTP)** is a computer networking communications [protocol](#) in the [Transport Layer](#) of the [Internet Protocol Suite](#). Originally intended for Signaling System 7 (SS7) message transport in telecommunication, the [protocol](#) provides the message-oriented feature of the [User Datagram Protocol \(UDP\)](#), while ensuring reliable, in-sequence transport of messages with congestion control like the [Transmission Control Protocol \(TCP\)](#). Unlike UDP and TCP, the protocol provides multi-homing and redundant paths to increase resilience and reliability. SCTP is standardized by the [Internet Engineering Task Force \(IETF\)](#) in [RFC4960 - Stream Control Transmission Protocol](#). The SCTP reference implementation was released as part of FreeBSD version 7, and has since been widely ported to other platforms.

Source: https://en.wikipedia.org/wiki/Stream_Control_Transmission_Protocol

From:

<https://www.omgwiki.org/dido/> - **DIDO Wiki**

Permanent link:

https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.a_glossary:s:sctp&rev=1629296861

Last update: **2021/08/18 10:27**

