

# Linux Kernel SCTP

This is the current BETA release of the Linux Kernel SCTP reference implementation.

SCTP (Stream Control Transmission Protocol) is a IP based, message oriented, reliable transport protocol, with congestion control, support for transparent multi-homing, and multiple ordered streams of messages. RFC2960 defines the core protocol. The IETF SIGTRAN working group originally developed the SCTP protocol and later handed the protocol over to the Transport Area (TSVWG) working group for the continued evolution of SCTP as a general purpose transport.

See the IETF website (<http://www.ietf.org>) for further documents on SCTP. See <http://www.ietf.org/rfc/rfc2960.txt>

The initial project goal is to create an Linux kernel reference implementation of SCTP that is RFC 2960 compliant and provides an programming interface referred to as the UDP-style API of the Sockets Extensions for SCTP, as proposed in IETF Internet-Drafts.

## Caveats

- lkctp can be built as statically or as a module. However, be aware that module removal of lkctp is not yet a safe activity.
- There is tentative support for IPv6, but most work has gone towards implementation and testing lkctp on IPv4.

For more information, please visit the lkctp project website:

<http://www.sf.net/projects/lkctp>

Or contact the lkctp developers through the mailing list:

<[linux-sctp@vger.kernel.org](mailto:linux-sctp@vger.kernel.org)>