

SCTP in SDP

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Multihoming

During the lifetime of an SCTP association, the endpoints can add and remove new addresses from the association at any point [RFC5061].

If an endpoint removes the IP address listed in its 'c' line from the SCTP association, the endpoint **MUST** update the 'c' line (e.g., by sending a re-INVITE with a new offer) so that it contains an IP address that is valid within the SCTP association.

NAT considerations

- Current NATs do not typically support SCTP.
(Possible alternative: I-D.ietf-tsv-sctp-udp-encaps)
- The work on NAT traversal for SCTP is still in progress
- No extension has been defined to integrate ICE with SCTP and its multihoming capabilities either.

Therefore, the draft does not define how to describe SCTP-over-UDP streams in SDP or how to establish and maintain SCTP associations using ICE.