

Datagram Transport Layer Security (DTLS)

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Datagram Transport Layer Security (DTLS) is a communications [protocol](#) designed to protect data privacy and preventing eavesdropping and tampering. It is based on the [Transport layer security \(TLS\)](#) protocol, which is a protocol that provides security to computer-based communications networks. The main difference between DTSL and TLS is that DTLS uses [User Datagram Protocol \(UDP\)](#) and [Transport layer security \(TLS\)](#) uses [Transmission Control Protocol \(TCP\)](#). It is used across web browsing, mail, instant messaging and VoIP. DTSL is one of the security protocols used for WebRTC technology along with SRTP.

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