

Abstract

Session Initiation Protocol (SIP) is a signaling protocol, used, for example, in multimedia conferences. SIP is expected to be the dominating solution for telecommunication solutions over the Internet in a near future. This report describes a bachelor's project at Ericsson AB. The assignment was to investigate if a connection could be established between a web site user and a SIP user. That is, we were supposed to build a web site, where a web user could log on, and from there establish a connection with a SIP user. The major question that we had to ask ourselves, and to investigate, was how to link the HTTP protocol with the SIP protocol.

Even though we had some problems, we finally managed to establish a connection between the web user and the SIP user in the end. We almost managed to carry out all of the requirements that were set, but not quite since the signaling between the two parties was not fully completed. We came to the conclusion that a connection between HTTP and SIP is indeed possible.