Abstract
Communication between people has evolved into many forms. From pigeons to internet, there has been drastic advancement in the means of communication. Over few centuries, with enhancement in internet, people can now communicate among themselves with an ease. Web-RTC is an open source application targeting towards accrediting the web with Real-time Communication competencies. It provides services like video-conferencing, audio-conferencing, web chatting etc. It is an API that can be used for the communication from browser to browser. It is also flexible as compared to existing systems, that's why it is getting a considerable attention worldwide. So, one of the consequential dispute in Web-RTC is Security. Various security goals like authentication, confidentiality are obtained through the protocols like HTTPS, DTLS-SRTP. Untrusted users which can interrupt the system are not restricted. This interruption can be avoided by providing the restriction to the user who desires to interact in the system. The user registered in the system will only be getting the rights to connect; else user's request will be discarded.

References


Index Terms

Computer Science

Information Sciences
Secure Communication in Web-RTC using Browser's Identification Process

**Keywords**
Identity Provider (idp)  Peer-to-peer (p2p)