



Step-Auto 2015: Speaker Proposal

Title	“WebRTC-A Game Changer in Real Time Communication or Just a Hype”
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Abstract (Provide Details of the Topic and limit to 150 words)	<p>WebRTC technology enables or rather simplifies the way people collaborate. The technology makes it possible to have a plugin-free, inexpensive, reliable and secured multimedia communication between or among peers. Unlike the Room Based video conferencing solution, WebRTC facilitates mobility and challenges the very concept of conference room itself. All that a user needs is a webcam, an internet connection and the right browser, and the user can connect over audio/video with colleagues, partners, vendors and customer at a touch of a button. The application of WebRTC is plenty if not limitless. Since the browser engine already does all the heavy lifting, the user could simply write their own javascripts, to make use of the APIs provided by the browser, for establishing and terminating a multimedia session. WebRTC mandates the usage of the ICE technology that helps resolve the reachability problem for the users who are behind NAT/Firewall. This particular problem had been a nemesis for VOIP protocols like SIP and H323 and WebRTC addresses the problem rather seamlessly.</p> <p>WebRTC does sounds like a perfect solution but it is not. The impact of WebRTC is synonymous to that of VOIP. The VOIP technology had revolutionized telecommunication but despite all its glory and advantages it could never out do the traditional telecommunication system. A similar pattern can be seen with WebRTC. In spite of its simple and seamless solutions to major hindrances of video communication, WebRTC has its own fair share of lacunas and one could only hope these gaps be addressed as WebRTC matures as a technology.</p>

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