VoIP on WLAN, QoS issues and VOIP specifics

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Abstract
Tremendous growth of 802.11 networks, and its great expected growth make VoIP even more ubiquitous. However, it brings certain issues
associated with its deployment.

This paper discusses the problems of QoS support in 802.11 environments (particularly in so-called coexistence scenarios, when overlapping
802.11e stations used).

Due to mentioned problems, resulting in high aggregated delay and packet loss, 802.11 environment becomes even more difficult for VoIP deployment
then the so far seen scenarios. Thus, requirements on VoIP applications running over 802.1 become even stringer and few of applied techniques that are addressing those issues are being discussed in this paper.