Abstract

The Hybrid Wireless Network (HWN) such as WLAN, Cellular, ad hoc networks is not only used for transferring voice but also to support data, video and multimedia. In addition, the key issues pertaining to the hybrid networks are managing radio resources, increased successful handover rate and routing management. Although researchers have spent enough time to address the above stated issues however, most of them have remained silent towards the application of related technologies in this domain. One of the technology is agent-based frameworks that serve as a suitable candidate to overcome the above said limitations where, agent-based systems are defined as the cooperative systems where a set of agents acts together to solve a given problem. This paper presents analysis of resource management strategies with Quality of Service (QoS) thus forming a comparison which focuses on limitations pertaining to the existing strategies in HWN.

References

- Hongxiang Li; Weiyi Zhang; Vanteru, S, "OFDMA Resource Allocation and QoS Provision in Hybrid Wireless Network," Vehicular Technology Conference (VTC
Resource Management Schemes for QoS in Hybrid Wireless Networks


Index Terms
Keywords

Hybrid Wireless Network (HWN)  Resource Allocation  Quality of Service (QoS)