

Resource Management in Hybrid Wireless Networks using Intelligent Mobile Agents

Ramona Maria TRESTIAN, Alex Luigi RICOBON

Abstract

Wireless networks are no more used only for data transfer and Internet access, but now also support voice and multimedia services. The tremendous demands from the users are pushing the development of mobile communications faster than ever before, leading to plenty of new advanced techniques emerging. Future wireless Internet will consist of different wireless technologies operating together. The key issue is to provide new services and maintain quality of service (QoS) in hybrid wireless networks. This can be done in many ways, one of those using mobile agents to travel across the network and configure the route or the application demands.