Management of Multiple Mobile Routers for Continuous Multimedia in Mobile WLANs[1]

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Abstract. Network mobility architecture was designed with mobile routers enabling continuous connection to the Internet. This paper proposes the mobile WLAN architecture that provides wide bandwidth for the users in the moving hot spot while the whole WLAN changes its point of attachment to the Internet. To serve mobile WLANs with continuous wideband, this paper focuses on the multiple mobile routers and their management in the manner of attaining larger wireless access area and seamless mobility. With the proposed architecture, WLAN users are able to enjoy multimedia applications while moving.