Abstract

People all over the world want to stay connected by audio as well as video services. 3G provide this facility. WLAN provides better data speeds at lower rates. In a wireless network various multiple access technologies such as wireless LAN and UMTS are used because cellular networks like UMTS provide various voice and data services and WLAN provides high speed. Integration of these two allows operators to deploy low cost and high speed WLAN to cover hotspot. Furthermore the architecture of WLAN and UMTS integration allows mobile nodes to continue data connection (ps) through WLAN and voice connection (cs) in parallel. In this paper WLAN and UMTS architecture along with its advantages and handover scheme is being proposed.

References

Renewed Approach of Integration WLAN & UMTS and Handover

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Index Terms

Computer Science  Wireless Communications

Keywords

Umts  Wlan. ip  Mn  Rnc  Utran