

Mobile ATM with IP Mobility

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Abstract

In this paper, a simple scheme is proposed for migrating from wired ATM switching networks to mobile ATM switching networks. No additional signaling message is defined in the control plane so that the proposed scheme conforms to all existing specifications and recommendations. The ATM switches are not necessarily re-designed. The handoff procedure will not cause cell loss. Cell sequence integrity is guaranteed in the proposed scheme. IP mobility may also be carried out on the proposed Mobile ATM switching networks.

Keyword : IP Mobility, Mobile ATM