
Title: Concern regarding potential divergence of core network

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Source: AT&T Wireless Services, BT, France Telecom, NTT DoCoMo, TIM, T-Mobil

Related to: Discussion

Problem Statement

The current work with in 3GPP is focused on using an evolved GSM core network over a 3GPP specified RAN. As new features are added to the core network, specific services of the 3GPP RAN are used to support these added features. Unfortunately, all services of the 3GPP RAN are not available from the GSM RAN. Therefore, this difference in available service between the two access networks has the potential of causing a divergence in the core networks or GSM and UMTS.

Specific example

The current activity to support real time services over packet has leveraged the support from the lu interface to allow non-real time handover between the RAN and the core while supporting real time handover within the access network.

Proposed Solution

Expand 3GPP terms of reference to included GSM evolution of core and radio access networks.