
Title: LS on requirements on security for the Mt reference point

Work Items: Presence, IMS

Source: 3GPP SA3

To: 3GPP SA1, SA2

Cc: none

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Attachments: S3-030223

1. Problem Statement:

The use of HTTP over the Mt reference point is a means for a mobile user to manage his or her data on an application server. It is obvious that the communication over the Mt reference point needs to be adequately secured. In SA3#28, several contributions (S3-030223, 224, 245, 256) proposed solutions for this issue. These proposed solutions differ, among other things, in assumptions about service and architectural requirements. In particular, the key management solution proposed in S3-030223 is based on IMS registration. It was felt at SA3#28 that guidance on these service and architectural requirements was needed before a decision could be taken by SA3. SA1 and SA2 are therefore kindly asked to provide such guidance as specified in the actions below.

SA3 acknowledges that the response LS (S3-030210= S2-031583) addressed a similar issue. SA3 would, however, much appreciate further clarification to help SA3 with their decisions.

2. Action on SA1 and SA2:

SA1 and SA2 are kindly asked to inform SA3 whether they see serious problems with basing a solution for the secure of HTTP over the Mt reference point on the following assumptions:

- 1) The solution is restricted to IMS users.
- 2) An IMS registration some time prior to secure communication over Mt is required (for each user profile).
- 3) It is not required that the user is registered in the IMS while securely communicating over Mt.

Date of Next SA3 Meetings:

SA3#29	15 – 18 July 2003	San Francisco
SA3#30	7 – 10 October 2003	tbd