

3GPP TSG-SA WG2 meeting #28
Bangkok, Thailand, 11th – 15th November 2002

Tdoc S2-023675

Title: Response to Liaison on HTTP Security investigation within IMS
Response to: LS S2-023614 (S3-020587) on Liaison on Security Issues with use of HTTP within IMS
Source: SA2
To: SA3
Cc: SA1, SA5

Contact Person:

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Attachments: None

1. Overall Description:

SA2 would like to thank SA3 for its Liaison Statement on Security Issues with use of HTTP within IMS.

SA2 would like to inform SA3 that during SA2#28 it has reviewed some contributions around the functionalities and overall architectural aspects of the usage of HTTP within IMS. However, SA2 needs to perform further stage-2 level analysis before deciding whether to incorporate relevant concepts in its specifications. At this point SA2's understanding is the following:

- There are several services that would benefit from an HTTP interface between the UE and Application Servers.
As defined by TS 23.141, Presence requires the capability for presentities to manage presence lists, access rules, etc.
In fact, the general notion of managing address-lists and authorization and service-related policies with respect to these lists used by particular services (e.g. for group chat, conferencing, etc...) is a beneficial capability.
- At this stage the level of standardization needed for the functions provided by such an interface is not clear to SA2. Further investigation is needed to understand the relevant level of detail for specifying stage-2 functional aspects.
- An HTTP interface may require security solutions that are comparable to the level of security provided by IMS access security. This would imply a UMTS AKA -based security solution, however, security mechanisms that don't require USIMs should also be studied. In SA2's understanding further details of these matters are under SA3's responsibility.
- It should be further investigated how the work being performed around this topic in 3GPP relates to relevant work being performed in OMA. SA2 would like to avoid duplication of effort if possible.

2. Actions:

To SA3 group:

None.

3. Date of Next SA2 Meetings:

Meeting	Date	Location	Host
SA2#29	20-24 January 2003	San Francisco, USA	AWS
SA2#30	24-28 February 2003	Milan, Italy	EF3