

3GPP TSG-SA2 Meeting #39
Shenzhen, China, 19 – 23 April 2004.

Tdoc S2-041674

Title: LS on non-compliance to IMS security
Response to:
Release: Release 6

Source: SA2
To: SA3
Cc: -

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Attachments: None.

1. Overall Description:

Within the Interworking aspects and migration scenarios for IPv4 based IMS implementations work item, it was discussed that, where IPv4 is used for an "early" IMS deployment, there is a possibility that the security mechanisms described in TS 33.203 are not fully supported.

In these "early" implementations, it is likely that terminals do not support both USIM authentication and IMS security. Therefore a simple mechanism needs to be created to prevent some of the more basic security threats e.g. IP address spoofing, IMS public user identity theft. Any resulting mechanism needs to minimise the impacts on existing entities such that it can be quickly implemented.

2. Actions:

To SA3 group.

ACTION: SA2 kindly asks SA3 to consider and if necessary provide feedback on possible security mechanisms that take into account early implementations of IMS that do not fully support TS 33.203. Any mechanism should be such that impacts on existing entities, especially on the UE, are minimised and would be quick to implement.

3. Date of Next TSG-SA2 Meetings:

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|---------------------|-------------------------|---------------------------|
| TSG-SA2 Meeting #40 | 17th – 21st May 2004 | Sophia Antipolis, France. |
| TSG-SA2 Meeting #41 | 16th – 20th August 2004 | Montreal, Canada |