

16 - 19 October, 2001

Sydney, Australia

Source: SA3
To: SA2, CN1
Cc: CN4
Title: Response to LS S2-012311, LS CN1-011332 on the use of Network Domain Security for protection of SIP signalling messages.

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Attachments: None

SA3 thanks SA2 and CN1 for their liaisons on the use of Network Domain Security for protecting SIP signalling messages (S2-012311 S3-01433, N1-011332 S3-010442).

These liaisons have helped SA3 to make decisions on the role of Network Domain Security for protecting SIP signalling messages. Following further investigation from SA3, we have revised our working assumptions as follows:

- It is not a requirement to protect SIP signalling messages in the UMTS core network.
- Confidentiality will be optionally provided between the UE and P-CSCF using mechanisms at the SIP or upper IP layer.
- Network Domain Security may be used to protect SIP signalling in the IMS core network.

Further, SA3 have separated the goals of confidentiality of initial registration messages from confidentiality of signalling messages. Under the revised working assumptions, the security architecture does not protect the initial registration message between the UE and P-CSCF. S3 will undertake to investigate what confidentiality requirements (e.g. user identity confidentiality) there are on the initial register message and find a separate mechanism to satisfy these requirements.

Actions:

None

Date of Next SA3 Meetings:

SA3#21 27th – 30th November 2001 Sophia Antipolis, France.