

2-4 August, 2000**Oslo, Norway**3GPP TSG-SA5 (Telecom Management) Meeting #12
Rome, Italy, 5-9 June 2000***Tdoc S5-000320***

Category: Liaison
From: SA5
To: CN4, SA2 and SA3
Title: Response to LS on Protocol Choice for Layer I of MAP Security¹

TSG-SA WG5 thanks TSG-CN WG4 and TSG-SA WG3 for their respective Liaison Statements N4-000366 and S3-000359.

TSG-SA WG5 appreciates TSG-CN WG4's work in considering the CR N4-000210 (regarding the Introduction of Key Exchange and Key Distribution (Layer I and Layer II)). TSG-SA WG5 noted the question for a general decision on the mechanism to be used for Key Exchange and Key Distribution. TSG-SA WG3 asked a similar question (and some additional questions) in their liaison.

TSG-SA WG5 does not have the necessary security expertise to choose between the proposed protocols. Hence TSG-SA WG5 asks TSG-SA WG3 to promptly decide upon the appropriate protocol(s) to be used on Layer I and Layer II.

TSG-SA WG5 understands that the functions of key distribution and key administration for MAP security are needed urgently, and request the work to make this decision be given a high priority. In that respect we are glad to see the S3/CN adhoc planned for 13-14 June. From the information that TSG-SA WG5 has received, it seems that the solution based on the MAP protocol is further advanced, but we do not want to prejudge the outcome of that meeting as of now. TSG-SA WG5 would like to be informed about the results.

From a management point of view, TSG-SA WG5 has no decisive preference for either of the candidates. Also TSG-SA WG5 is unable to offer assistance in answering the open questions regarding the IKE approach.

Outside the scope of the layers I and II mentioned in this liaison, we expect there to be operational requirements for a management interface to carry out functions like retirement of keys, audit checks to support investigations for security breaches, and changes to security key policy,... We believe a management protocol will need to be defined between us jointly to support these management features.

Specification(s) involved: 32.101, 32.102

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