3GPP TSG SA WG3 Security

S3z000020

Ad-hoc meeting S3#15bis

Munich, 8-9 November, 2000

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Source: Siemens AG

Title: Modification of MAP security header

Document for: Discussion

Work item: Core Network Security

Agenda item: tbd

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Abstract

CN4 postponed the decision on a proposed CR to CR 29.002 on MAP security header modification until official communication from S3 on this modification is received. Consequently, an LS to N4 needs to be sent by S3#16. The specification of the MAP security header should be stabilised at the S3 ad-hoc meeting S3#15bis.

1. Introduction

The following is an excerpt from the minutes of the CN4#4 meeting:

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Enhanced Security
Document: N4-00602
Title: CR 29.002-168 on Security Header modification
Source: Siemens
Presented: Ulrich Wiehe
Discussion:
-   Postponed since SA3 did not yet drafted their stage 2 requirements on this.
-   Siemens is asked to volunteer to bring the message to S3 that a proper communication is required to handle this requirement in our specifications.
Decision: Postponed
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Ulrich Wiehe confirmed to the author of this contribution that CN4 will not change the MAP-Security-Header as long as there is no official confirmation by S3.

2. Proposal

S3 are asked to consider the above statement by CN4 and discuss an appropriate response. An LS should be agreed at the next S3 plenary, S3#16, Sophia, 28-30 Nov. However, according to the latest S3 documents on MAP security available, the specification of the MAP security header cannot be considered stable, cf. TD S3-000556 (Ericsson) which states:

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"7.3.3 Structure of Security Header
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NOTE:   The content of the security header has yet to be finalised. Probably it
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will just contain the sending PLMN identity and an SPI identifying the MAP-SA used and per message related information like and Initialization Vector."

It is therefore proposed to discuss the technical issues involved and stabilise the specification of the MAP security header, together with the rest of the specification of the Zc-interface for MAP security.