3GPP TSG-CN1 Meeting #30   *Tdoc N1-030933*
San Diego, California, USA,   19 – 23 May 2003

Title:	LS on security solutions for the Ut reference point
Response to:	N1-030780 = S3-030302 LS on security solutions for the Mt reference point from SA3
Release:	Rel-6
Work Item:	
Source:	CN1
To:	SA3
Cc:	SA2

Contact Person:
    Name: peter.leis@siemens.com
    Tel. Number: +49 89 636 75208
    E-mail Address: peter.leis@siemens.com

Attachments:

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1. Overall Description:

CN1 thanks SA3 for their liaison statement on security solutions for the Mt reference point (=Ut reference point). CN1 is aware that SA3 is responsible for the security architecture in 3GPP. CN1 has discussed the issue and provides the following answer:

CN1 sees that the solutions described in the liasion are feasible. However from a CN1 point of view the solutions have the following drawbacks:

- This would be the first case where a Release-6 service in an Application Server requires the S-CSCF to be updated to Release-6 which causes backward compatibility problems.
- It is anticipated that the key derivation in the S-CSCF puts additional processing load on the S-CSCF which is multiplied by the number of application servers involved.
- CN1 thinks that registration should be used exclusively for authentication of the UE to the IMS.

During the discussion it was also mentioned that the Sh interface might be used for providing the necessary keying material to an Application Server.

CN1 will closer study the item and try to provide a solution.

2. Actions:

ACTION:
NONE

3. Date of Next TSG-CN1 Meetings:

CN1_31   25th – 29th August 2003   Sophia-Antipolis, France

CN1_32   27th – 31st October 2003   China