

3GPP TSG-SAWG2 Meeting #25
Naantali, Finland, August 24-28, 2002.

Tdoc S2-022047

Title: LS on subscriber certificates
Response to: LS (S2-021623/S3-020322) on "LS on subscriber certificates" from SA3
Release: Release 6
Work Item: Support for subscriber certificates

Source: SA2
To: SA3, SA1
Cc: -

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Attachments:

1. Overall Description:

The LS from SA3 was discussed in SA2 Plenary on 24.06.02. Subscriber certificates create a security capability for 3GPP systems that can be used to provide secure mechanisms for various applications and services. It was noted during discussion that usage of subscriber certificates could be also beneficial for alternative accesses. SA2 notes that there are architectural considerations required when identifying the functional entities involved. SA2 indicates that the service and security requirements are needed in order to identify the best means to achieve this functionality.

It was noted in LCS session that S2 is also investigating enhanced support for user privacy in LCS, which may be related to subscriber certificates.

2. ACTIONS:

ACTIONS to SA3

SA2 kindly asks SA3 to provide more information on following issues:

1. Justification of the proposal to request the subscriber certificate via the link specific access (e.g. SGSN) instead of choosing access independent method (e.g. based on IP) for requesting subscriber certificates.
2. How roaming subscribers could be supported?
3. Security requirements related to the issuing and usage of subscriber certificates.

ACTIONS to SA1

SA2 kindly asks SA1 to provide more information on following issues:

1. Service requirements related to the application and the use of the certificates; particularly on the issues of the distribution and control; privacy and charging. E.g., what kind of controls are required when issuing and using certificates for roaming subscribers. Note that the service provider may have relationship only with visited operator.

3. Date of Next TSG-SA2 Meetings:

TSG-SA2 Meeting #26 19th – 23rd August 2002 Toronto, Canada.

TSG-SA2 Meeting #27 14th – 18th October 2002 TBD.