Agenda Item: **GAA**

Source: **Ericsson**

Title: **GAA use guideline**

Document for: **Discussion and decision**

1 Pseudo-CRs - motivation and proposal

1.1 Status of TR 33.919 regarding guidelines on the use of GAA

In S3#31 meeting, with the approval of the contribution S3-030XXX, it was agreed to include the following Editor's note:

Editor's note: An AS or an AP may force the UE to run BSF as specified in TS 33.220 or an AS may understand that the user request is already authenticated by an Authentication Proxy. Depending on the policy of the operator, an AS or an AP may also use alternative authentication mechanisms e.g. mechanisms based on subscriber certificates or authentication mechanisms specified outside of 3GPP if such mechanisms are at their disposal. It is therefore assumed that an AS and an AP should be able to take the decision what parts of GAA shall be used if any.

This editor's note permits some flexibility to both AP & AS, in the sense that both can:

- Force the user to run BSF

- Consider that the user has already been authenticated.

- Use other alternatives authentication methods, even if they are specified outside 3GPP

1.2 Proposal for CRs to TR 33.919

This contribution and accompanying pseudo-CR proposes normative text on the usage of GAA based on Editor's note above. In particular, it is proposed here to remove the editor's note in chapter 6.5 and include general guideline under chapter 7 that states in a normative way all the possibilities that and AP or AS have regarding the authentication of the user towards the applications. Said possibilities shall cover both the decision regarding whether authentication is required or not and, in case the authentication is required, the decision regarding the authentication methods to be applied.

<div align="right">*CR-Form-v7*</div>

CHANGE REQUEST

⌘	**33.919 CR**			⌘**rev**	**-**	⌘	Current version:	**1.0.0**	⌘

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: UICC apps⌘ ☐   ME ☐ Radio Access Network ☐ Core Network ☐

Title:	⌘	GAA use guideline		
Source:	⌘	Ericsson		
Work item code:	⌘	GAA	**Date:** ⌘	20/01/2004
Category:	⌘	**B**	**Release:** ⌘	Rel-6

Use <u>one</u> of the following categories:
   F *(correction)*
   A *(corresponds to a correction in an earlier release)*
   B *(addition of feature),*
   C *(functional modification of feature)*
   D *(editorial modification)*
Detailed explanations of the above categories can
be found in 3GPP <u>TR 21.900</u>.

Use <u>one</u> of the following releases:
   2   *(GSM Phase 2)*
   R96   *(Release 1996)*
   R97   *(Release 1997)*
   R98   *(Release 1998)*
   R99   *(Release 1999)*
   Rel-4 *(Release 4)*
   Rel-5 *(Release 5)*
   Rel-6 *(Release 6)*

Reason for change:	⌘	Include a general guideline for the use of GAA
Summary of change:	⌘	Editor´s note in chapter 6.5 is removed and a general guideline (based on removed text) is introduced so that the application takes the final decision regarding the authentication method to be used (based on operator policies) even if that method is outside of 3GPP scope.
Consequences if not approved:	⌘	Uncertainties in the applicability of functions defined under GAA which may lead to incompatibility with other standards.

Clauses affected:	⌘	6.5, 7

		Y	**N**		
Other specs affected:	⌘		**X**	Other core specifications	⌘
			X	Test specifications	
			X	O&M Specifications	

Other comments:	⌘	

*** FIRST CHANGE ***

6.5 Access to Network Application Functions using HTTPS

Editor's note: An AS or an AP may force the UE to run BSF as specified in TS 33.220 or an AS may understand that the user request is already authenticated by an Authentication Proxy. Depending on the policy of the operator, an AS or an AP may also use alternative authentication mechanisms e.g. mechanisms based on subscriber certificates or authentication mechanisms specified outside of 3GPP if such mechanisms are at their disposal. It is therefore assumed that an AS and an AP should be able to take the decision what parts of GAA shall be used if any.

*** NEXT CHANGE ***

7 Application guidelines to use GAA

7.1 General Guideline on Applicability of GAA

GAA provides different alternatives to an AS or an AP to perform user authentication (i.e. force the UE to run BSF as specified in TS 33.220 or use a mechanism based on subscriber certificates using TS 33.221). Also under GAA, an AS may understand that the user request is already authenticated by an Authentication Proxy.

Depending on network configuration and policies of the operator, an AS or an AP will be able to use any of the alternatives provided by GAA or even any other user authentication mechanisms specified outside of 3GPP if such mechanisms are at their disposal.

It is therefore assumed that an AS and an AP should be able to take the decision what parts of GAA shall be used if any.

*** END OF CHANGES ***