

## Pseudo CHANGE REQUEST

# **33.919 CR CRNum** # 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

<b>Title:</b>	#	Relationships of GAA specifications figure.	
<b>Source:</b>	#	Nokia	
<b>Work item code:</b>	#	SEC1-SC	<b>Date:</b> # 30/1/2004
<b>Category:</b>	#		<b>Release:</b> # Rel-6
		Use <u>one</u> of the following categories:	Use <u>one</u> of the following releases:
		<b>F</b> (correction)	2 (GSM Phase 2)
		<b>A</b> (corresponds to a correction in an earlier release)	R96 (Release 1996)
		<b>B</b> (addition of feature),	R97 (Release 1997)
		<b>C</b> (functional modification of feature)	R98 (Release 1998)
		<b>D</b> (editorial modification)	R99 (Release 1999)
		Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .	Rel-4 (Release 4)
			Rel-5 (Release 5)
			Rel-6 (Release 6)

<b>Reason for change:</b>	#	The diagram figure depicts relationships between different 3GPP technical specifications.	
<b>Summary of change:</b>	#	Addition of a new figure to the scope chapter in the TS and corresponding update to the reference list.	
<b>Consequences if not approved:</b>	#		

<b>Clauses affected:</b>	#	1, 2									
<b>Other specs affected:</b>	#	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;">#</td> <td style="text-align: center;">X</td> </tr> </table> Other core specifications # Test specifications # O&M Specifications #	Y	N	#	X	#	X	#	X	
Y	N										
#	X										
#	X										
#	X										
<b>Other comments:</b>	#										

\*\*\*\*\* BEGIN CHANGE \*\*\*\*\*

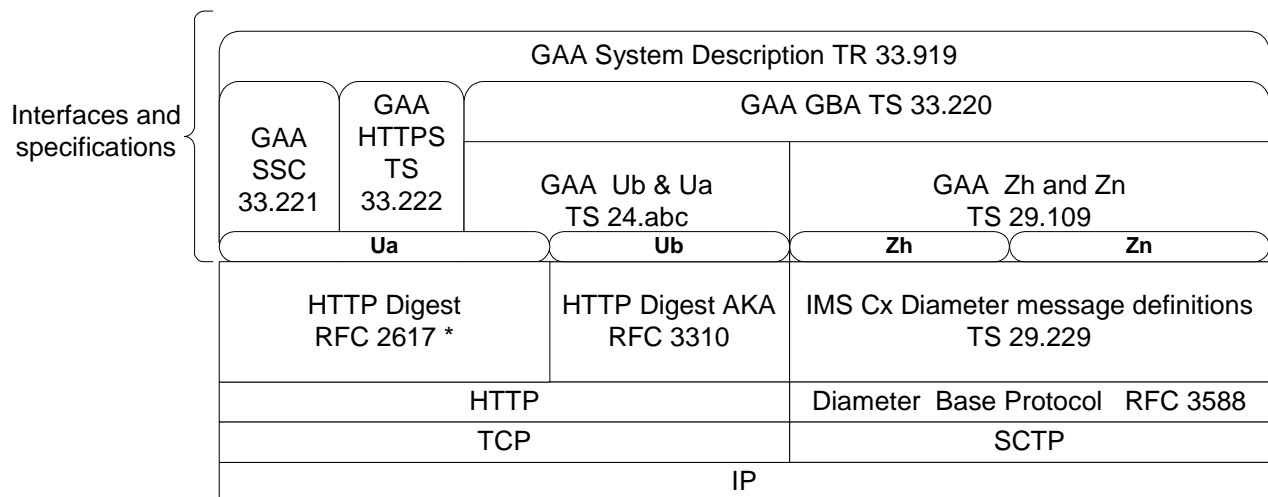
## 1 Scope

This 3GPP Technical Report aims to give an overview of the different mechanisms that mobile applications can rely upon for authentication between server and client (i.e. the UE). Additionally it provides guidelines related to the use of GAA and to the choice of authentication mechanism in a given situation and for a given application.

To this end the TR puts the different GAA specifications, which are related to peer authentication, into perspective. It clarifies the logic for having three technical specifications, sketches their content and explains the inter-relation between these three TSs and their relation with this TR.

[Figure 1 depicts protocols used in GAA interfaces and the relationships between different GAA specifications. New GAA specifications will be added to the figure as they become available. Also other protocols may be added in the future. In particular, new kinds of Ua interfaces could be added in the future and then other protocols may be added below the Ua interface.](#)

[Editor's note: The figure below is not final and should be updated when the corresponding information is available.](#)



\* The GAA supports potentially many protocols on Ua interface. One example is HTTP digest

[Figure 1: Relationships between GAA specifications and the protocols used by GAA interfaces.](#)

\*\*\*\*\* END CHANGE \*\*\*\*\*

\*\*\*\*\* BEGIN CHANGE \*\*\*\*\*

## 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

- [1] 3GPP TS 33.102: "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 3G Security; Security architecture".
- [2] 3GPP TS 33.220: "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 3G Security; Generic Authentication Architecture (GAA); Generic bootstrapping architecture".
- [3] 3GPP TS 33.221: "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 3G Security; Generic Authentication Architecture (GAA); Support for subscriber certificates".
- [4] 3GPP TS 33.222: "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; 3G Security; Generic Authentication Architecture (GAA); Access to network application functions using secure hypertext transfer protocol (HTTPS)".
- [5] [3GPP TS 29.109: "Generic Authentication Architecture \(GAA\); Zh and Zn interfaces based on the Diameter protocol; Protocol details"](#).
- [6] [3GPP TS 24.abc: "Bootstrapping interface \(Ub\); Protocol details"](#).

**\*\*\*\*\* END CHANGE \*\*\*\*\***