3GPP TS ab.cde Vx.y.z (yyyy-mm)

Technical Specification

3rd Generation Partnership Project; Technical Specification Group Services and System Aspects Generic Authentication Architecture (GAA); Access to Network Application Function using HTTPS (Release 6)



The present document has been developed within the 3rd Generation Partnership Project (3GPP TM) and may be further elaborated for the purposes of 3GPP.

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Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

Version x.y.z

where:

- x the first digit:
 - 1 presented to TSG for information;
 - 2 presented to TSG for approval;
 - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

Introduction

This clause is optional. If it exists, it is always the second unnumbered clause.

(7,7,7,

1 Scope

This clause shall start on a new page.

The present document ...

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 TR 41.001: "GSM Release specifications".

[2] 3GPP TR 21 912 (V3.1.0): "Example 2, using fixed text".

3 Definitions, symbols and abbreviations

Delete from the above heading those words which are not applicable.

Subclause numbering depends on applicability and should be renumbered accordingly.

3.1 Definitions

For the purposes of the present document, the [following] terms and definitions [given in ... and the following] apply.

Definition format

<defined term>: <definition>.

example: text used to clarify abstract rules by applying them literally.

3.2 Symbols

For the purposes of the present document, the following symbols apply:

Symbol format

<symbol> <Explanation>

(7), (7), (7)

3.3 Abbreviations

For the purposes of the present document, the following abbreviations apply:

Abbreviation format

<ACRONYM> <Explanation>

4	Alternatives for authentication
4.1	Requirements and principles
4.2	Shared key-based UE authentication with certificate-based NAF authentication
4.3	Shared key-based mutual authentication between UE and NAF
4.4	Certificate based mutual authentication between UE and NAF
5	Use of authentication proxy
5.1	Requirements and principles
5.2	Authentication proxy architecture
5.3	Interfaces
5.4	Management of UE identity

Annex <X> (informative): Change history

It is usual to include an annex (usually the final annex of the document) for specifications under TSG change control which details the change history of the specification using a table as follows:

Change history								
Date	TSG#	TSG Doc.	CR	Rev	Subject/Comment	Old	New	
2001-07					Copyright date changed to 2001; space character added before TTC in coyright notification; space character before first reference deleted.	1.3.2	1.3.3	
2002-01					Copyright date changed to 2002.	1.3.3	1.3.4	
2002-07					Extra Releases added to title area.	1.3.4	1.3.5	
2002-12					"TM" added to 3GPP logo	1.3.5	1.3.6	
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