

CHANGE REQUEST

33.234 **CR 041** rev - 6.2.1

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

Title:	 Completion of definition and abbreviations		
Source:	 Ericsson		
Work item code:	 WLAN	Date:	 22/10/2004
Category:	 D 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 TR 21.900 .	Release:	 Rel-6 Use <u>one</u> of the following releases: Ph2 (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) Rel-7 (Release 7)

Reason for change:	 Some features and new chapters have been in different SA3 meetings to TS 33.234, but the definitions and abbreviations chapters have not been modified accordingly. This CR updates these chapters
Summary of change:	 New abbreviations and definitions are added.
Consequences if not approved:	 Lack of content consistency in TS 33.234

Clauses affected:	 3.1, 3.2								
Other specs affected:	<table style="display: inline-table; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">Y</td> <td style="border: 1px solid black; padding: 2px;">N</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;"> </td> <td style="border: 1px solid black; padding: 2px;">X</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;"> </td> <td style="border: 1px solid black; padding: 2px;">X</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;"> </td> <td style="border: 1px solid black; padding: 2px;">X</td> </tr> </table> Other core specifications Test specifications O&M Specifications 	Y	N		X		X		X
Y	N								
	X								
	X								
	X								
Other comments:	 								

*** BEGIN SET OF CHANGES ***

3.1 Definitions

For the purposes of the present document, the following terms and definitions apply.

3GPP - WLAN Interworking: Used generically to refer to interworking between the 3GPP system and the WLAN family of standards.

Data origin authentication: The corroboration that the source of data received is as claimed.

Entity authentication: The provision of assurance of the claimed identity of an entity.

Key freshness: A key is fresh if it can be guaranteed to be new, as opposed to an old key being reused through actions of either an adversary or authorised party.

Local interface: an interface between the devices that may conform to the WLAN UE, normally one device with WLAN capabilities and one UICC or SIM card holding device.

Temporary identity: an identity given by the home network to the WLAN UE, used to identify the user temporarily, normally in one authentication process lifetime. In this TS it refers to a pseudonym or a re-authentication identity.

Tunnel: it refers to an IPsec security association used in WLAN 3GPP IP access to protect the communications from the WLAN UE to the 3GPP network. It is preceded by an IKE negotiation.

WLAN 3GPP IP Access: access to an IP network via the 3GPP system.

WLAN coverage: an area where wireless local area network access services are provided for interworking by an entity in accordance with WLAN standards.

WLAN Direct IP Access: access to an IP network is direct from the WLAN AN.

WLAN-UE: user equipment to access a WLAN interworking with the 3GPP system, including all required security functions.

Editors note: This WLAN-UE definition needs to be reflected in related specifications.

3.2 Abbreviations

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

AAA	Authentication Authorisation Accounting
<u>APN</u>	<u>Access Point Name</u>
AKA	Authentication and Key Agreement
EAP	Extensible Authentication Protocol
<u>HLR</u>	<u>Home Location Register</u>
<u>HPLMN</u>	<u>Home PLMN</u>
<u>HSS</u>	<u>Home Subscriber Server</u>
<u>IKE</u>	<u>Internet Key Exchange</u>
<u>IP</u>	<u>Internet Protocol</u>
<u>NAI</u>	<u>Network Access Identifier</u>
<u>NAT</u>	<u>Network Address Translation</u>
<u>PDG</u>	<u>Packet Data Gateway</u>
<u>PLMN</u>	<u>Public Land Mobile Network</u>
<u>SIM</u>	<u>Subscriber Identity Module</u>
<u>UE</u>	<u>User Equipment</u>
<u>USIM</u>	<u>Universal Subscriber Identity Module</u>
<u>WAG</u>	<u>WLAN Access Gateway</u>
WLAN	Wireless Local Area Network
<u>WLAN AN</u>	<u>WLAN Access Network</u>

W-APN WLAN APN
WLAN UE WLAN User Equipment

*** END SET OF CHANGES ***