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In SA1's stage-1 specification 22.234, section 5.1.2 USIM and UICC, it is stage-1 specification 22.234, section 5.1.2 USIM and UICC, it is stage-1 specification 23.234, section 5.1.2 USIM and UICC, it is stage-1 specification 23.234, section 5.1 Access Control, it stage the requirement on the smart card as: In SA2's architecture specification 23.234, section 5.1 Access Control, it stage the requirement on the smart card as: Existing SIM and USIM shall be supported. Authentication shall rely on (U)SIM based authentication mechanisms. R6 USIM may include new functionality if necessary e.g. in order to imprivacy." With such requirements, the WLAN specific parameters such as CK and IK USIM access) and Kc (for SIM access) cannot be stored in the UICC/SIM (they should not overwrite the corresponding parameters for 2G/3G RAN access)								state M (cle	ent a es ove or early								
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*** START CHANGE***

6 Security mechanisms

6.1 Authentication and key agreement

The WLAN UE and AAA server shall support both EAP AKA and EAP SIM methods. The procedure to select the method is:

- 1) The WLAN UE shall send an identity (whatever it is: permanent, pseudonym, etc.) to the AAA server. If this identity is an IMSI, it shall contain an indication of the EAP method to be used.
- 2) If the AAA server recognizes the EAP method but not the user identity (for example an obsolete pseudonym), it shall request a new identity using the EAP method indicated by the WLAN UE.
- 3) If the AAA server recognizes the user identity (and hence the EAP method), it shall fetch AVs from HSS. If they don't match the EAP method received (e.g. the EAP method received is EAP AKA and triplets are received from HSS), the user's subscription shall prevail (in the previous example EAP SIM shall be used).
- 4) If the user identity is not recognized, the AAA server shall decide which method to use (there may exist a default method ONLY in this situation). If this default method does not match user's subscription (e.g. EAP AKA for a SIM user), the WLAN UE shall respond a NACK to the AAA server and then the AAA shall try with the other EAP method until a recognised identity is received.

The authentication and key agreement shall be dedicated for WLAN access only, thus the keys provided by the SIM (Kc) or USIM (CK, IK) during authentication shall be stored in the ME's volatile memory.

*** END OF CHANGE***