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 ""3.1.1 Organization""""3.1.2 Standardization Process""; ""3.1.3 Evolution: 3GPP Network and Security""; ""3.2 IEEE 802.16 and WiMAX""; ""3.2.1 IEEE 802.16 Standards""; ""3.2.2 WiMAX ForumA®""; ""3.2.3 WiMAX Technology Evolution""; ""3.2.4 Security Overview in WiMAX""; ""References""; ""4 System Architecture and Long-Term Evolution Security""; ""4.1 Chapter Overview""; ""4.2 EPS System Overview""; ""4.2.1 Network Elements and Security Functions""; ""4.2.2 Protocol Layers and Security Functions""; ""4.3 Network Attachment""; ""4.4 Tracking Area""; ""4.5 Mobility""
 ""4.6 Idle State Signaling Reduction""""4.7 EPS Identities""; ""4.8 Security Requirements""; ""4.9 Basic Points""; ""4.9.1 Key Hierarchy and Key Lifetime""; ""4.9.2 Security Contexts""; ""4.9.3 NAS Counts and Handling""; ""4.9.4 Cryptographic Algorithms and Usage Overview""; ""4.10 Authentication and Key Agreement (AKA)""; ""4.10.1 Basic Requirements""; ""4.10.2 Authentication Decision and Context Retrieval""; ""4.10.3 Authentication Procedure""; ""4.11 Algorithm Negotiation and Security Activation""; ""4.11.1 Algorithm Negotiation Requirements""; ""4.11.2 Non-access Stratum""
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 ""5.2.3 PKMv2""

Sommario/riassunto

This book provides a fresh look at those security aspects, with main focus on the latest security developments of 3GPP SAE/LTE and WiMAX. SAE/LTE is also known as Evolved Packet System (EPS).