

Security in 3G - UMTS networks

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Abstract: This topic focuses on researching network security issues in 3G and UMTS systems, an important part of modern mobile protocols. The objective is to identify common security challenges and risks in 3G-UMTS mobile networks. The research method includes synthesizing network security theory combined with practical analysis from use cases. The expected outcome is to provide effective security solutions for mobile systems and contribute to knowledge about network security in the mobile field.

Keywords: network security, 3G, UMTS, mobile security, risk management