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(57) Abstract :

Embodiments of the present disclosure relates to a system (100) and method (300) for service-based security of data network naming in a mobile network. The system (102) comprises a processor (202) coupled to a memory (204). The memory (204) stores processor-executable instructions. The processor (202) is configured to establish a communication channel between a mobile device and a security module. Next, the processor (202) is configured to obtain a network information from a network service provider via the communication channel. Thereafter, the processor (202) is configured to verify an authenticity of the network information using the security module. In the end, the processor (202) is configured to enable the mobile device to access the mobile network based on the verified network information.

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