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## Designing a Hybrid Attribute-Based Encryption Scheme Supporting Dynamic Attributes

Stefan G. Weber

**Abstract:** This article presents the design of a novel hybrid attribute-based encryption scheme. The scheme is attribute-based, as it allows encrypting under logical combinations of attributes, i.e. properties that users satisfy. It is hybrid, as it combines ciphertext-policy attribute-based encryption (CP-ABE) with location-based encryption (LBE) on the level of symmetric keys. It can efficiently handle dynamic attributes with continuous values, like location, even in resource-constrained settings.

Category / Keywords: public-key cryptography /

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Contact author: stefangeorgweber at gmail com

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