A Proxy to Proxy Blind Multi-Signature Scheme based on DLP

Abstract

Proxy blind multi-signature, it combines the properties of proxy-signature, blind signature and multi-signature, which has been applied in different applications. In this paper, we showed a new proxy to proxy blind multi-signature based on difficulty of solving the discrete logarithm problem (DLP) which fulfill the absence of single proxy signer in Dongre's scheme by delegating his signing capabilities to a designated proxy signer. Moreover, we are taking this...
existing scheme into a new level or in next grade in order to sign the document on behalf of group of original signers.

References

- Sangeet Dongre and Sujata Mohanty. 2010. A Secure and efficient Proxy Blind Multi-signature Scheme based on DLP. In Fifth International Conference on Industrial and information Systems, NIT Suratkal, Karnataka, India.

Index Terms

Computer Science Security

Keywords

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