

Blockchain in Social Network

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Abstract: *Online social networks (OSNs) are widely used today but they have a limitation that is privacy leakage due to the centralized data management mechanism. The emergence of distributed OSNs (DOSNs) solved this privacy issue by providing the main functionalities, such as access control and data availability. To encounter above mentioned challenges faced by OSNs & DOSNs we exploit the emerging blockchain technique to design a new Dosns framework. That includes the advantages of both OSNs & DOSNs by using smart contracts we use blockchain as a trusted server to provide central control services. Meanwhile, we separate the storage services so that users have complete control over their data. Existing DOSNs use cryptographic primitives that hide the data but reveal the access policies. XACML & SAML are advanced methods that are advantageous over DOSNs in preserving private dates.*

Keywords: Block chain

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