

A Reference Implementation of Blockchain Interoperability Architecture Framework

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Abstract—In this paper we describe interoperability architecture between blockchain networks. A blockchain network can serve multiple organizations that form as a consortium for dealing with transactions among themselves. However, when multiple blockchain networks are deployed how do we support interoperability and what are the major concerns in this direction have to be studied. Towards this direction, we developed a reference architecture for smooth transmission of transactions between the blockchain networks using custom designed transaction flow mechanism on top of Cactus framework from Linux Foundation.

Keyword— *Blockchain, Interoperability, Hyperledger Fabric, Hyperledger Sawtooth*



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