Token Economics

Abstract

Token economics is the study, design, and implementation of economic systems based on emerging technologies. Emerging technologies are enabling transparent and immutable exchange of assets with quick confirmation of provenance, linked transactions in a distributed ledger, among parties which may not know or trust each other. In this paper, we discuss the innovation drivers including tokens, game theory, distributed ledger, cryptocurrency, digital signatures, and the feasibility of micropayments. New innovations has led to the development of different payment processing technologies that not only allow convenient transactions, but are also secure. These innovations are shaping the way we shop, pay and get paid globally that have enabled digital strategies, payment performance and security, and digital innovations that are transforming authentication and authorization delivering unique solutions that will help stakeholders including clients, merchants, cardholders, and partners.