

OPENST

A FRAMEWORK FOR BUILDING TOKEN ECONOMIES

Benjamin Bollen
for OpenST Foundation

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Abstract

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We present improvements to the OpenST protocol. OpenST is a framework powered by Ethereum to build token economies. We lay out in detail two contributions, OpenST Mosaic and OpenST Gateway, which work together to scale Ethereum. OpenST Mosaic is a layer-2

4 Paru

1 Introduction

OpenST is a holistic solution powered by Ethereum to scale Ethereum to

2 OpenST

3 OpenST Mosaic

Consider an origin blockchain O which is assumed to have liveness and BFT security properties. The origin blockchain produces blocks e_i at height i .

Lemma 1 - branch referencing Without loss of generality a transaction can al-