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Author: Mr. Rishabh Unnikrishnan
India

AN ANALYSIS FOR COOPETITION AMONG MARKET PARTICIPANTS FOR THE CREATION AND MAINTENANCE OF A CONSORTIUM GOVERNED SATELLITE NETWORK INFRASTRUCTURE.

Abstract

There is a rising trend in providing storage via decentralised networks managed with token based incentive mechanisms by protocols such as IPFS, FileCoin, Estuary and more . This storage space is analogous to the satellite-imagery provided by Constellations such as Maxar . The creation and maintenance of such constellations can cost upto 600 million dollars according to Tony Frazier , a maxar executive . Therefore we require a coopetitive model that reduces costs , development and maintenance of such networks all while market participants attempt to break-even and profit . This paper wishes to analyse and identify the possible incentive mechanisms for the creation and maintenance of such networks, required protocol-consensus among market participants and possible hurdles within such a process. Furthermore, the paper wishes to demonstrate the possible results of such coopetition. It concludes that under these conditions coopetition strategy is necessary and beneficial.