

ABSTRACT

Lately this year the development of technology is getting bigger, the Information Technology (IT) industry is implementing and developing these new technologies into their companies, one of which is the Financial Technology Business or commonly referred to as Fintech. Fintech is a financial or financial-based company industry, where they want to make it easier to use and manage money for the community to be more efficient and easy. Many of these Fintechs provide financial services, such as payments, asset management, and also financing [2] boldly. In addition, there is also a financial sector that is starting to rise at this time, namely Blockchain-based, Blockchain itself is a decentralized technology and built as a digital bank data storage system that is connected to cryptography and Blockchain itself has its financial asset called cryptocurrency. Of the many things in the Fintech business, there are more and more hackers on the internet who are targeting finances or destroying the existing systems in the company, for that people in the sector need to improve a very extra security system to ward off attacks that occur. there is. And one of the most effective ways to use it is to block user access to the system for users who are considered dangerous, and the tool that will be used in this research is Crowdsec. Crowdsec is an Intrusion Detection and Prevention System (IDPS) to detect and prevent the system from existing cyber threats, technically it will ban or block user access through IP addresses that it reads as access or fail. After that Crowdsec will automatically block the IP so that the user cannot access to any part of the system because the IP has been blacklisted.

Keywords: fintech, blockchain, cryptocurrency, crowdsec, users, system.