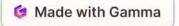


Blockchain Platforms: Tezos, Stellar, Klaytn, EOSIO, Ripple

Discover the strengths and weaknesses of blockchain platforms and choose the right one for your project.

by Aaditya Khetwani



Tezos Platform - Architecture and History

Self-Amending Protocol

Tezos was designed to have a flexible protocol that can evolve over time without the need for a hard fork.

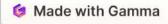
Energy Efficiency

Tezos uses a Proof of Stake consensus mechanism which is more energy-efficient than Proof of Work.

XTZ Token

The native

cryptocurrency, XTZ, is used for transaction fees and as a reward for block validators.



Stellar Platform - Use Cases and Advantages

Stellar Consensus Protocol

SCP is a fast and secure consensus mechanism that doesn't require mining.

Low Transaction Fees

Stellar's transaction fees are a fraction of a cent, making it more affordable for users.

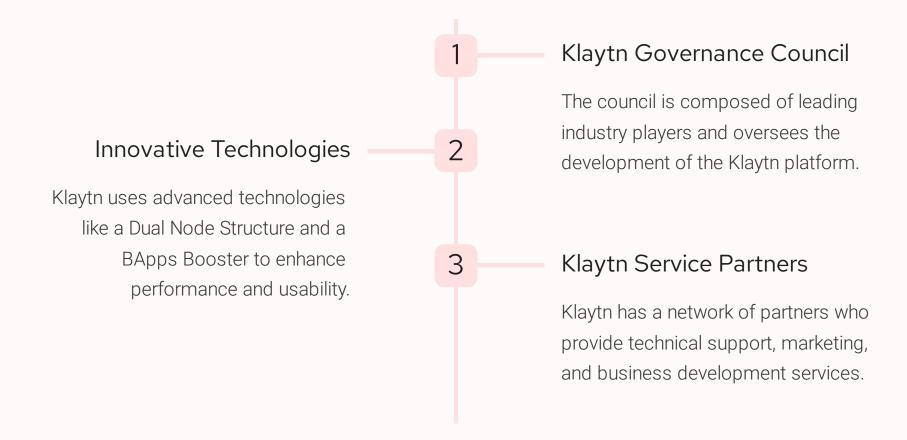
Decentralized Exchange

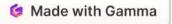
Stellar has a built-in DEX that can be used to trade various assets, including fiat and crypto.

Anchor System

Stellar has an anchor system that allows users to exchange assets between networks.

Klaytn Platform - Features and Benefits





EOSIO Platform - Consensus and Governance



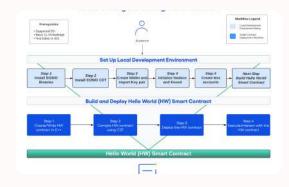
EOSIO Software

EOSIO is a decentralised software platform that facilitates the development of dApps.



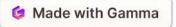
Delegated Proof of Stake

EOSIO uses a variation of the PoS mechanism called Delegated Proof of Stake.



EOSIO Constitution

EOSIO has a constitution that outlines the rights and responsibilities of network participants.



Ripple Platform - Cross-Border Payments and Partnerships

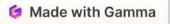
1 XRP Ledger

Ripple uses the XRP Ledger, a decentralised open-source blockchain technology, to enable cross-border payments. 2 Partnerships

Ripple has formed partnerships with over 350 financial institutions, including Santander and American Express.

3 RippleNet

RippleNet is a global network that connects banks, payment providers, and digital asset exchanges.



Comparison of Each Platform's Strengths and Weaknesses

Tezos

- Flexible protocol
- Energy-efficient consensus mechanism
- High transaction fees
- Steeper learning curve

Stellar

- Fast and secure consensus mechanism
- Low transaction fees
- Limited smart contract functionality
- Still a relatively new platform

Klaytn

- Centralized governance structure
- Innovative technologies
- Less developed ecosystem
- Restricted access for developers

EOSIO

- Advanced smart contract functionality
- Fast and scalable performance
- Centralized governance
- Less community participation

