

## USE OF TEZOS BLOCK CHAIN TO REDUCE THE CHEAT IN GAMING

**ABSTRACT-** In today's world there are so many gamers and games all around the world from Fortnite to Minecraft and a lot more the concept of combining the **blockchain** and **gaming** can lead to great outcomes like use of block chain in app-purchases ,in security etc. in this white paper I'm going to tell the uses of **Tezos** block chain in gaming world to reduce the cheating.



## WHATS THE PROBLEMS IN GAMING?

In today's world there is many games that includes Minecraft, Fortnite, Pubg etc no matter how much the developer tries to make the game secure from cheating there is always some issue that gamers find out and use to cheat in the games this is a huge problem in today's gaming community everyone is tired of hackers and cheaters in this white paper im gonna be telling the ways by which **Tezos** blockchain can be used to reduce the cheating.



## => WHAT IS TEZOS BLOCKCHAIN?

“Tezos is an open-source platform for assets and applications that can evolve by upgrading itself. Stakeholders govern upgrades to the core protocol, including upgrades to the amendment process itself”

### SELF AMENDMENT

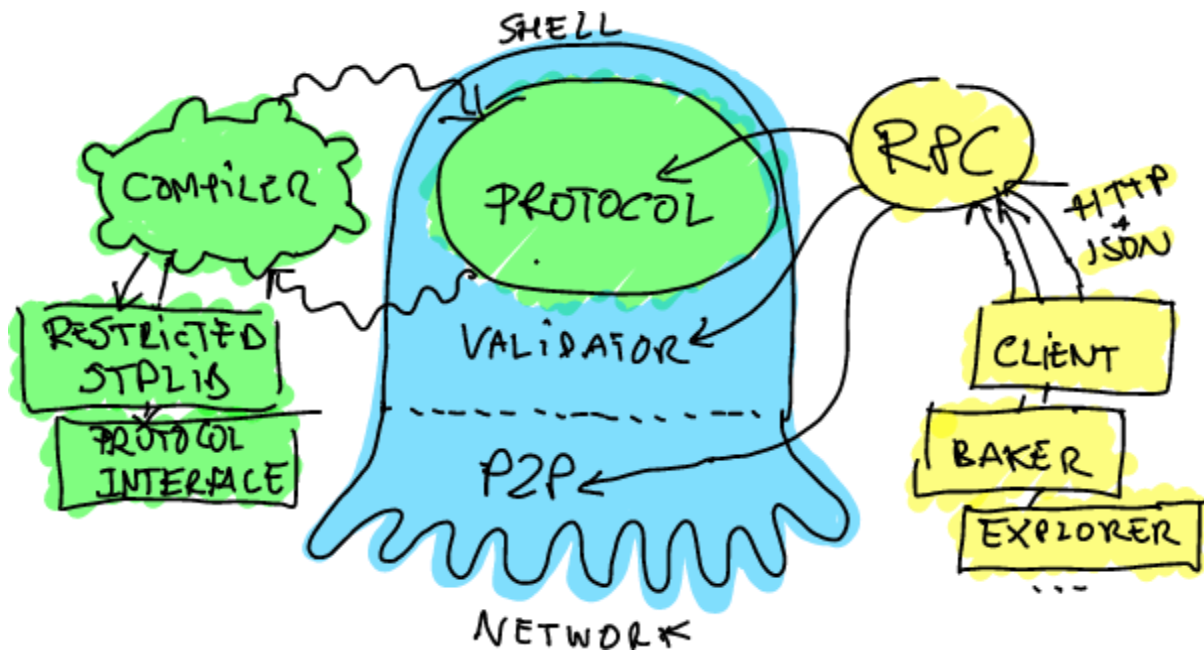
Self-amendment allows Tezos to upgrade itself without having to split (“fork”) the network into two different blockchains. Because of self-amendment, coordination and execution costs for protocol upgrades are reduced and future innovations can be seamlessly implemented.

### SMART CONTRACTS

Tezos offers a platform to create smart contracts and build decentralized applications that cannot be censored or shut-down by third parties.

### PROOF-OF-STAKE(POS)

Participants (“nodes”) in decentralized, peer-to-peer networks provide the necessary computational resources that keep a network up and running.



Tezos software architecture

## => WHAT IS THE BEST USE TEZOS BLOCKCHAIN IN GAMING?

Now how we can use the tezos blockchain in gaming to reduce the cheating is followed:

1. **Connect to a Tezos wallet** – Using the wallet-pairing feature of the SDK, you can allow users to authenticate using their Tezos blockchain credentials. Users can securely authenticate themselves in a game, sign blockchain transactions, gain access to all on-chain assets, and use cryptocurrency to purchase services, features, or in-game assets
2. **By putting the game logic on the blockchain**-By putting the game logic on the blockchain it will make it immutable because this is how blockchain works and when someone gonna try to change stuff in the blockchain it will kick the person out of the game.
3. **Hosting client side games on blockchain**-By hosting the client side on blockchain will make it nearly impossible for the cheaters to do changes in the game that include base amount of health, the speed of the characters, and much more.



4. **Make smart contracts to detect cheat-** By putting the smart contract that detects if someone has the more health in the game than the limit, if someone has more character speed then the others etc if it detects this it gonna kick that person out of the game.

***End***