

Rawrshak Tokenomics - v.1.3

Glenn Christian Sumido (gcbsumid@gmail.com)

Introduction

Rawrshak is a decentralized virtual gaming asset platform that standardizes the virtual asset format allowing for usage between unique gaming worlds. With Rawrshak's asset framework, it is possible for players to take acquired in-game items along with them as they jump from game world to game world. For game developers and content creators, this enables a new business model of primary and secondary asset sales ownership and opens a global trading economy of virtual assets.

Because Rawrshak's goal is to build an equitable and sustainable gaming ecosystem, the Rawrshak protocol will be entirely decentralized and community-governed. Rawrshak will launch the **RAWR token** that will have several uses including governance voting, receiving protocol fees, and protocol growth incentives.

Token Utility

Governance Voting

Rawrshak plans to launch Rawrshak DAO (RawrDAO) to fully decentralize the protocol. The RAWR token will be used in RawrDAO's voting mechanism. All platform stakeholders that hold RAWR tokens have voting rights for to approve Rawrshak Ecosystem Proposals (REPs). REPs can be used to propose protocol improvements and changes, community incentive programs, treasury usage, community partnerships, etc. Specifics regarding the decentralized governance structure is still in development. Please refer to the Rawrshak Governance litepaper for more details.

Staking

Anyone on the ecosystem must lock their RAWR tokens on our staking contract in order to participate in governance and receive protocol rewards. Protocol rewards include any protocol fees and staking emissions. The staking emission will be allocated on RAWR token launch and will continue until the staking rewards pool has been depleted. Staking emissions will occur per block. Stakers may come and go as they please. There is no vesting schedule for rewards and it can be claimed immediately once distributed. Staking requirements in order to participate in governance voting is yet to be determined. Please refer to the Rawrshak Governance litepaper for more details.

Protocol Fees

Protocol fees include any fee that the protocol incurs currently or in future projects. The only platform fee at launch is the marketplace transaction fee. A portion of the protocol fees are sent to the RawrDAO treasury for protocol operations. Settings such as the marketplace transaction fee rate and RawrDAO treasury percentage are managed by the RawrDAO. These settings can be changed through REPs by the community.

Protocol Incentives

The RawrDAO will run many different community programs and partnership programs in order to grow the community, incentivize good behaviour, and align all stakeholders. Rawrshak will work with game developers to incentivize gamers to provide asset liquidity. This increases play time and community participation as well as liquidity in the Rawrshak marketplace. The RawrDAO will also run content creator competitions, gamer acquisition campaigns, and launch our own Rawrshak Asset NFTs.

The RawrDAO will fund these programs using RAWR tokens. Gamers will be able to earn tokens when they mint NFTs from games, buy/sell on the exchange, and other future protocol mechanisms. Content creators and game developers receive RAWR tokens when unique gamers mint, buy, and sell their NFTs on our platform. Specifics earning mechanisms have yet to be determined.

Future Utility

Future on-chain gaming mechanisms will require the use of RAWR tokens. Future projects that increase RAWR token utility can include Crafting, Salvaging, Lootboxing, DeFi related activity, and content security mechanism. These are just some future projects currently in the Rawrshak pipeline. We would also be funding new projects that the community thinks is worthwhile that will add value to the protocol.

Supply and Allocation

The RAWR token smart contract will use an upgradable proxy which will be controlled by the Rawrshak DAO. This means that the RAWR token holders have the power to upgrade the smart contract through consensus. The goal is to have a relatively fair distribution mechanism for the RAWR tokens. There will be no inflation.

The RAWR token supply will be set at 100,000,000 tokens and the distribution is as follows:

- 15% Developers and Advisors
 - 7% Founder
 - 4% Core Contributors
 - 2% Advisers and Early supporters
 - 2% Decent Labs
- 3 % Early public token release
 - Liquidity Mining
 - Uniswap LP farming
- 2% Early Partnership incentives (game developers & content creators)
- 80% RawrDAO
 - 20% Staking
 - 15% Operations (Team expansion, New Project funding, Bug Bounties)
 - 35% RawrDAO Community Programs and Incentives
 - 10% Community raise or VC funding* (if necessary)

Community and/or VC funding allocation is currently in debate. If the RawrDAO decides to raise funds, it will be taken out of this 10% allocation. Otherwise, this allocation is returned to the RawrDAO and will be redistributed to community programs and incentives.

These are not final and are subject to changing prior to the RAWR token launch.

Token Launch

Rawrshak will launch directly on an Ethereum layer 2 which will allow for low transaction fees for the gamers and game developers. The goal is to launch on Optimism Ethereum layer 2 solution as a L2 native token.

Optimism

Optimism is an Ethereum layer 2 solution that scales general-purpose smart contracts for Ethereum using optimistic rollups. This means that Optimism relies on Ethereum's security while allowing for more transaction throughput. Optimism also allows for one-click smart contract deployment which means our smart contracts will not need to be modified to run on the Optimistic Virtual Machine. As Eth 2.0 launches sometime in 2022, we are positioning the mainnet launch to take advantage of high transaction throughput and low fees. As we expect that most projects will exist on layer 2 solutions, launching on Optimism will help preserve some compossibility with other projects in the gaming and DeFi space.

Distribution

Liquidity Mining and Liquidity Pool Farming

Rawrshak will be creating a stablecoin liquidity mining program in order to release a small percentage of tokens. The goal of this program is to build a community of RAWR token holders to participate in RAWR governance when the time comes.

Rawrshak will also be running a liquidity pool (LP) farming program. The goal of this program is to let the market find the token value of the RAWR token.

Game Developer Programs

The game developer programs will be used to incentivize game developers to create Rawrshak-supported assets. There are numerous ways to distribute tokens to the system including, but not limited to:

- Protocol-based incentives
 - Game developers receive tokens based on gamer activity on the protocol involving their assets through metrics like marketplace volume and unique asset mints.
 - Content and Asset creation and deployments incentives

- Community events
 - Community events such as Game Jams (essentially, hackathons for games) allow for game developers to showcase their games. The community can then determine how to distribute tokens to winners and community favourites.

Content Creator Programs

The content creator programs can be used to incentivize 3d modelers and artists to create their own NFTs using our platform.

- Protocol-based incentives
 - Similar to game developers, token distribution will be done through for protocol growth incentives for content creators for metrics like sales volume and royalty sales volume.
- Content Creator Contests
 - Community contests can be held for content creators to submit interesting assets. These contests can be sponsored by the community or other interested parties. The community will decide how to distribute tokens and awards. The most liked by the community will win RAWR tokens and special Rawrshak NFTs.

Gamer Protocol Incentives

These would be incentive rewards for gamers to use the marketplace.

- NFT liquidity
 - We would support game developers by incentivizing gamers to add asset liquidity in the market. We would create a small liquidity fund to reward gamers who maintain liquidity for assets.
- Exchange transaction volume
 - This incentivizes developers to create assets that are both easy to acquire, hard to acquire, priced high and priced low. We'd only reward gamers and game developers whose assets are transacted using our marketplace.
 - Incentivize developers to use the Content contracts vs their own ERC1155 contracts
 - Token reward split would be: 35% buyer, 35% seller, 30% asset creator. The RawrDAO can then manage this in the future.
- Community Tournaments
 - Gamers can create tournaments in Rawrshak games and the project can support them by providing a reward pool.

Token Vesting Periods

The core contributor allocated tokens are subject to a 6 month hold after launch and will vest per block continuously over the course of 42 months. Any contributor that leaves the team or stops contributing may have to forfeit their vesting tokens and is given to the RawrDAO for distribution to future core contributors. This will be put up for voting.

Tokens raised through VC funding, advisor tokens, and early partnership tokens are subject to a 3 month lock up and vests continuously per block over the next 21 months. Tokens raised through community funding is subject to a vest continuously over 12 weeks.

The RawrDAO is responsible for managing RAWR treasury and distribution of the tokens for community programs, protocol incentives, and development team expansion.

Conclusion

With allocation, distribution, and utility of the RAWR token as stated above, the goal for the RAWR token is to provide good tokenomics for all the stakeholders of the platform. A fair enough use-based token distribution to the ecosystem enables more protocol decentralization and feedback from the stakeholders. Protocol incentives empowers us to grow the ecosystem. With the Rawrshak DAO in control of majority of the Rawrshak token, the protocol will be well funded to develop and properly grow the ecosystem. Appropriate rewards distribution for the development team incentivizes good behavior for protocol development. The RAWR token financially aligns all protocol stakeholders which secures the platform.

We hope that the Rawrshak tokenomics as designed above will promote an equitable and sustainable global gaming economy on the Rawrshak platform.