



PLAYNANCE GAME TOKEN (USDP)

Playnance *Game Token* Specification

Overview

The Playnance Game Token is a stable digital currency pegged to the US Dollar, specifically designed to facilitate seamless transactions within the Playnance chain ecosystem. Merging the foundational attributes of the native PBG gas token with tailored functionalities suitable for a stablecoin, the USD token introduces a taxation mechanism alongside a whitelist feature to optimize transactional flexibility and efficiency.

Token Details

- Token Name: **Playnance USD**
- Token Symbol: **USDP**
- Decimals: **2**, enabling transactions and balances to closely mirror conventional fiat currency handling.
- Blockchain: **Playnance (ChainID: 1829)**

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Key Features

STABILITY

- **PEGGING:** USDP is pegged to the US Dollar and backed by a diverse treasury of fiat and cryptocurrencies, providing a stable and reliable token value.

TAXATION

- **INITIAL TAX RATE:** Introduced at a 0% rate to promote early adoption and use, with the capability for future adjustments to support ecosystem health.
- **MAXIMUM TAX RATE:** Limited to a 1% maximum, enabling the token owner to modify the tax rate within this boundary to maintain transactional equity and predictability.
- **TAX WALLET:** A specific wallet designated for collecting tax revenue, whose address is settable and modifiable by the token owner.

WHITELIST MECHANISM

- **TAX EXEMPTIONS:** Certain addresses may be whitelisted to exempt them from transaction taxes, allowing identified accounts to conduct tax-free transactions.
- **MANAGEMENT AUTHORITY:** The token owner has exclusive rights to add or remove addresses from the whitelist, controlling tax exemption status.

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Core Functionalities

MINTING

- **CAPABILITY:** Minting of PBG tokens is an exclusive privilege of the Playnance chain's governance body, facilitating supply modulation following network demands and growth.
- **PURPOSE:** To provide a mechanism for increasing the token supply, enabling scalability and adaptability of network operations.
- **DOCUMENTATION REFERENCE:** See OpenZeppelin ERC20

`_mint`

function documentation [here](#).

BURNING

- **CAPABILITY:** Reserved solely for the Playnance chain's governance authority, this feature permits the burning of PBG tokens, including those held by external addresses. It serves as a corrective measure against network abuse, allowing for the reduction of circulating supply to counteract spamming or malicious activities.
- **PURPOSE:** To deter network spam and misuse by providing a mechanism for token removal.
- **DOCUMENTATION REFERENCE:** Details on the burning process can be found in the OpenZeppelin ERC20Burnable documentation [here](#).

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PAUSING AND UNPAUSING

- **CAPABILITY:** The governance authority of the Playnance chain can pause and unpaue PBG token transactions as a rapid response measure to emergent threats or vulnerabilities, effectively halting token transfers during critical situations.
- **PURPOSE:** To safeguard the network and token holder assets under emergency circumstances by temporarily freezing token movements.
- **DOCUMENTATION REFERENCE:** Further information on the pausing functionality is available in the OpenZeppelin ERC20Pausable documentation [here](#).

TOKEN RECOVERY

- **CAPABILITY:** A recovery feature enables the retrieval of non-PBG assets accidentally sent to the PBG token contract, exclusively accessible to the Playnance chain's governance body.
- **PURPOSE:** To prevent the irrevocable loss of user assets due to mistaken transfers, ensuring the possibility of reclaiming tokens erroneously dispatched to the contract address.

Governance and Operational Integrity

The PBG token integrates several governance protocols, entrusting key operational controls — including minting, burning, and pausing capabilities — to the Playnance chain's administrative entities. This centralization of power is instituted to bolster network security, enhance operational flexibility, and ensure rapid response capabilities to protect the ecosystem's integrity and participant interests.

Token governance is advised to implement these controls with a commitment to transparency, fairness, and accountability, fostering a stable and trustful environment for all participants in the Playnance ecosystem.

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