

W H I T E P A P E R



New Tensor Concept

Bridging Fungibility on the
TAO Bittensor Network

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Summary

The New Tensor Concept project introduces an innovative approach to enhancing fungibility within the TAO Bittensor Network. With the introduction of the TRC-404 protocol, the project aims to revolutionize token standards and unlock new opportunities for decentralized finance.

Introduction

The TAO404 Protocol marks a significant milestone in the evolution of decentralized AI projects.

Implementation

The implementation of TRC-404 on the TAO Bittensor Network follows a straightforward process:

Deployment: Create new TRC-404 tokens using the deploy function.

Minting: Mint a configurable amount of TRC-404 tokens with the mint function.

Transfer: Transfer TRC-404 tokens to other addresses using the transfer function.

Approval: Approve an amount of TRC-404 tokens for transfer using the approve function.

Technical Details

Deploy Function

- Initializes new TRC-404 tokens with specified parameters.

Mint Function

Creates additional TRC-404 tokens according to predefined limits.

Transfer Function

Facilitates the transfer of TRC-404 tokens between addresses.

Balance Tracking

TRC-404 balances are maintained by the Tao Accounting System, ensuring accuracy and integrity.

Future Directions



**Integration with
Subnets**



**Enhanced Use
Cases**



Increase visibility



**Community
Engagement**



**Extend TAO
Ecosystem**



Wide usage of AI

Conclusion

The New Tensor Concept project, alongside the TRC-404 protocol, represents a significant step forward in the quest for enhanced fungibility within decentralized networks. By bridging the gap between NFTs and fungible tokens, TRC-404 paves the way for a new era of innovation and collaboration on the TAO Bittensor Network.