

Armonia Meta Chain

About Armonia Meta Chain

Armonia Meta Chain (AMC) embraces the principles of harmony, persistence, cooperation, and balance, aiming to establish a novel ecosystem with multiple gateways and integrated applications for blockchain enthusiasts worldwide. Armonia acts as a gateway, allowing individuals from across the globe to freely explore, learn, connect, entertain, create, and trade within the vast realm of blockchain. It opens up a pathway for enthusiasts to enter the captivating and expansive world of blockchain, enabling them to engage in various activities while fostering knowledge sharing and social connections.

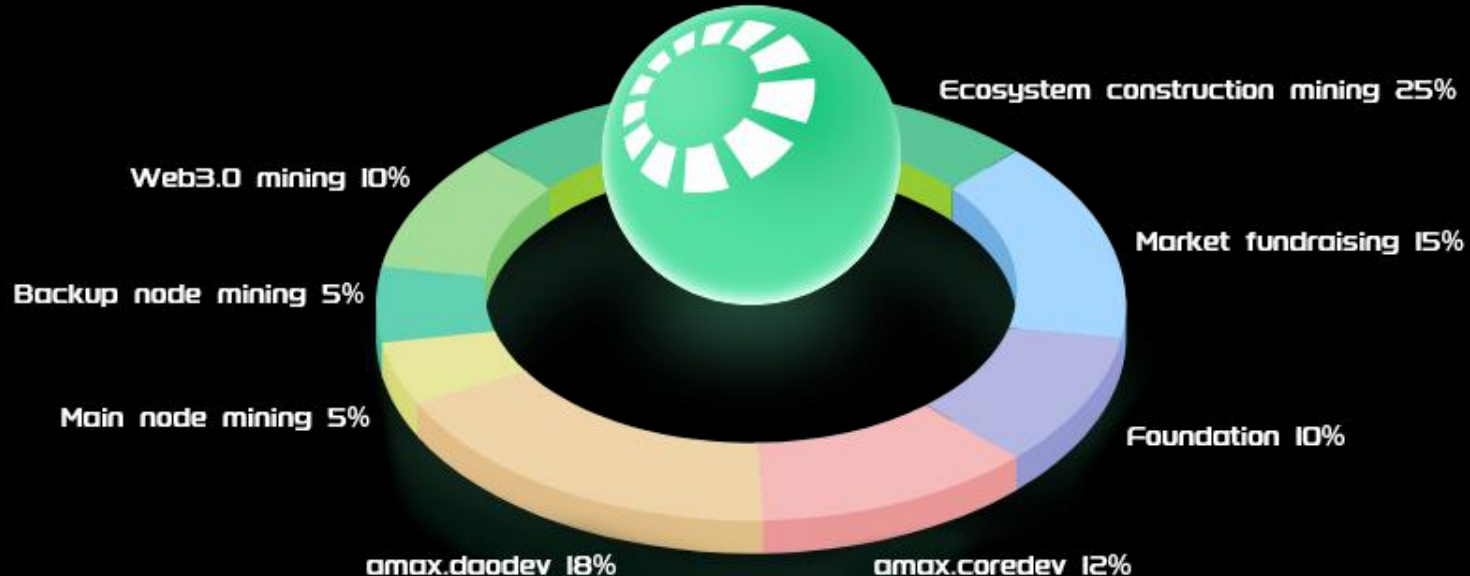
Armonia Meta Chain (AMC) is a highly scalable public blockchain built upon a multi-chain infrastructure. Its purpose is to offer an efficient, convenient, and customizable operating environment for global blockchain developers, while also generating value for users worldwide. The Armonia mainnet enables parallelism and interaction among multiple chains, paving the way for the implementation of diverse applications across various sectors and scenarios. These applications may include multi-chain wallets, DeFi, GameFi, NFT, DEX, SocialFi, Metaverse, and more. By facilitating the transition to the Web3.0 era, Armonia Meta Chain aims to establish a transparent and collaborative economic system for blockchain users and developers.



Armonia Meta Chain Token Model

AMC introduces AMAX as its native token, which serves as the asset required for the parent chain's operations. The maximum total supply of AMAX tokens is 1 billion, with 900 million already issued on the chain. The remaining 100 million tokens can only be generated through node mining by super nodes and backup nodes. The DAO organization will contemplate the potential for additional issuance only if the actual tradable market value increases by 100 times in the future.

Furthermore, a deflation destruction plan is currently under development, with an anticipated total destruction of 50% (500 million coins).

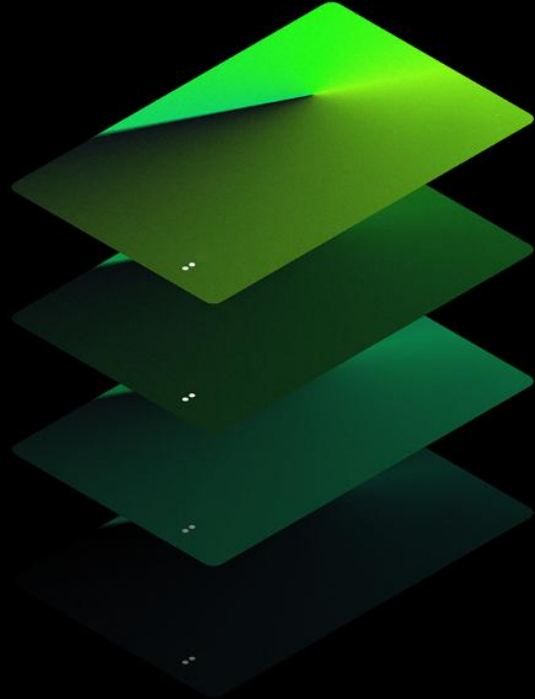


Armonia Meta Chain Basic Features

Feature	illustrate	Remark
Native token	AMAX	Issued in system contract amax.token, precision 8
Total supply	1,000,000,000	Inflate/deflate via DAO to support ecosystem advancement
Consensus algorithm	APOS	Armonia's DPOS
Virtual machine	WASM	High-performing VM
Anti-sybil attack	resource staking and leasing model with \$AMAX	ZERO GAS FEES
Block interval	1 second	A fine choice to balance stability and transaction onchain speed
TPS	5000+	Benchmarked with transfer transaction, v1.0

About **AMAX Ecosystem**

Armonia Meta Chain was created at 12:08 on April 8, 2022 (Singapore time) and has been running stably for a year and a half. During this process, the public chain ecology has been continuously improved, and it is now a public chain with complete infrastructure. Chain ecology.



Multi-chain wallet that supports AMAX/ETH/BTC/BSC/TRON/SOL and other public chains



APLink

Query for detailed info of block/transaction/account/smart contract



AMAX Scan

Cross-chain bridge tool that supports ETH/BSC/TRON and other public chains



xChain

Introducing a new generation of DAO social products that provide support for DAO governance and IM social interactions, among other features.



MetaDAO

About **AMAX Ecosystem**

Currently, the ecosystem has attracted multiple developer communities, leading to a continuous influx of community products and decentralized applications (DApps). These additions bring forth a constant stream of innovative offerings within the ecosystem.



Apollo

Providing global blockchain users with safe, reliable asset management products.



NFTOne

BSC、AMAX chain encrypted art trading platform.



HootSwap

Based on Swap V2 , exchanging assets by one click.



TrueDEX

An L1 order-book based pure DEX



Tyche

Tyche Earn - Stake MUSDT to earn tokens!



Booster

First crowdfunding platform for AMAX Chain

APL

Everything can be mined



APL - Eco-mining SBT

In Armonia's ecosystem construction concept, any activity that contributes to the ecosystem and enhances its overall value is considered mining behavior. This includes a wide range of activities beyond traditional node mining machines found on other public chains. Armonia introduces a significant innovation by providing corresponding revenue incentives for these mining behaviors. This approach recognizes and rewards various forms of contribution, fostering a more inclusive and dynamic ecosystem.

On AMC, in addition to the native token AMAX, there is also a soul-bound token (SBT) called APL:

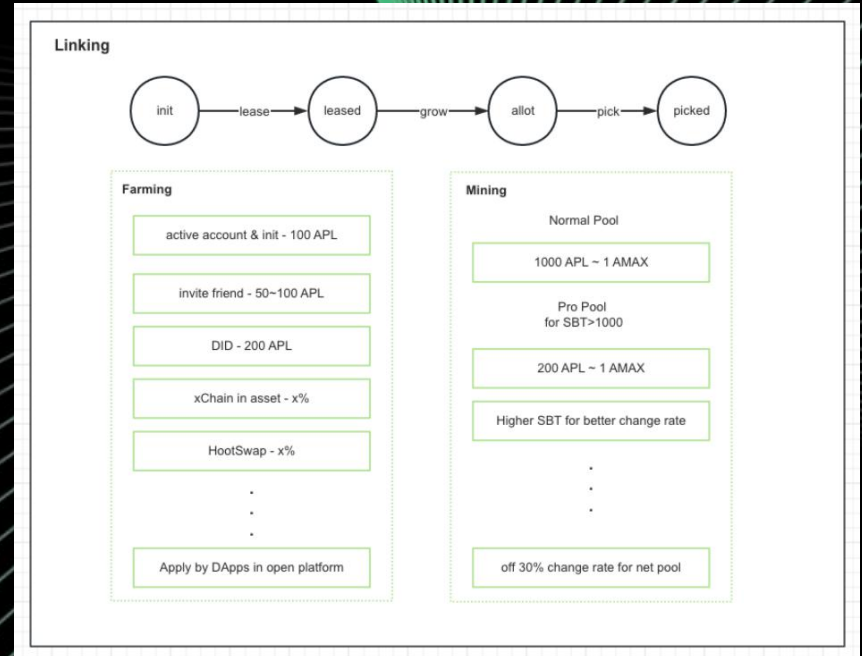
Total issuance: 10 billion

Token attributes: cannot be traded or transferred, and has soul value attribute (Soul), recording the total amount of APL obtained

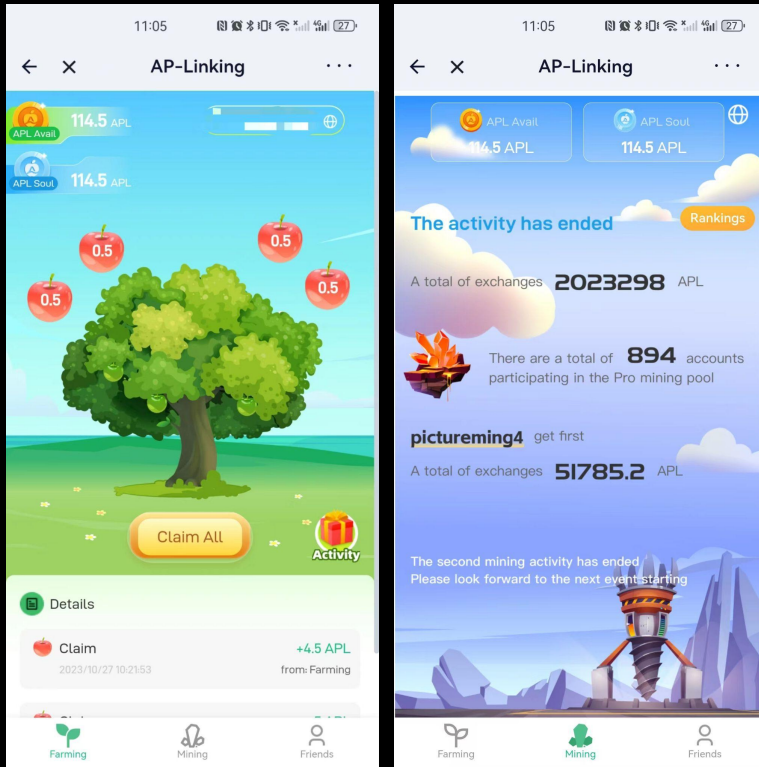
Ways to obtain: Create an account, invite friends, DID certification, bridge assets, use activities' DApp, etc., collect it in Linking DApp

Token usage: Used to swap for AMAX tokens in Linking DApp. The higher the Soul, the higher the swap ratio.

Ecosystem mining: The mining pool is permanently open, and the total amount of AMAX that can be mined in each period is limited. After each period of the mining pool is exhausted, the exchange ratio for the next period will be reduced by 30%. That is, the earlier you participate, the more AMAX you can get through ecological mining.



APL - Eco-mining SBT



Linking serves as the gateway for users to engage in specific participation with APL. Through activities such as Farming, users can earn APL rewards by observing APL various on-chain behaviors. These behaviors may include inviting friends to join, utilizing decentralized identifiers (DIDs), and actively participating in various activities facilitated by DApps. Users can then exchange their APL mining vouchers for AMAX tokens through the Mining process. The exchange rate of AMAX tokens will be influenced by the soul value, with a higher soul value indicating a greater contribution and resulting in a more favorable AMAX ratio.

Linking on AMC maintains a highly decentralized design, allowing any DApp on the chain to submit an application and acquire the necessary qualifications to open an APL prize pool. This process is facilitated through governance mechanisms within the ecosystem.

RealMe Account

Highly scalable Web2 user portal



RealMe - Highly scalable Web2 user portal

RealMe account is an innovative Web3 wallet creation technology introduced on the Armonia public chain (AMAX). It is designed to offer users a fast, convenient, decentralized, secure, and recoverable wallet solution.

Web2-friendly ecosystem

RealMe account on the Armonia public chain offers support for a variety of centralized wallet creation methods, including mobile phone number verification, FaceBook authorized login, and Google login. One notable advantage is that users are not required to record mnemonics during the account creation process. This means that traditional mnemonics, which are typically used for wallet recovery, remain completely hidden from the user during the generation process.

Manageable and recoverable

Supports on-chain authentication and off-chain authentication, such as security questions, social information binding, DID, Google authenticator, etc. to retrieve wallets.

Safety

The security of user funds is ensured through various methods such as wallet permission separation, voting governance, user stratification, asset stagnation, etc., and will never be transmitted through the network.

Decentralization

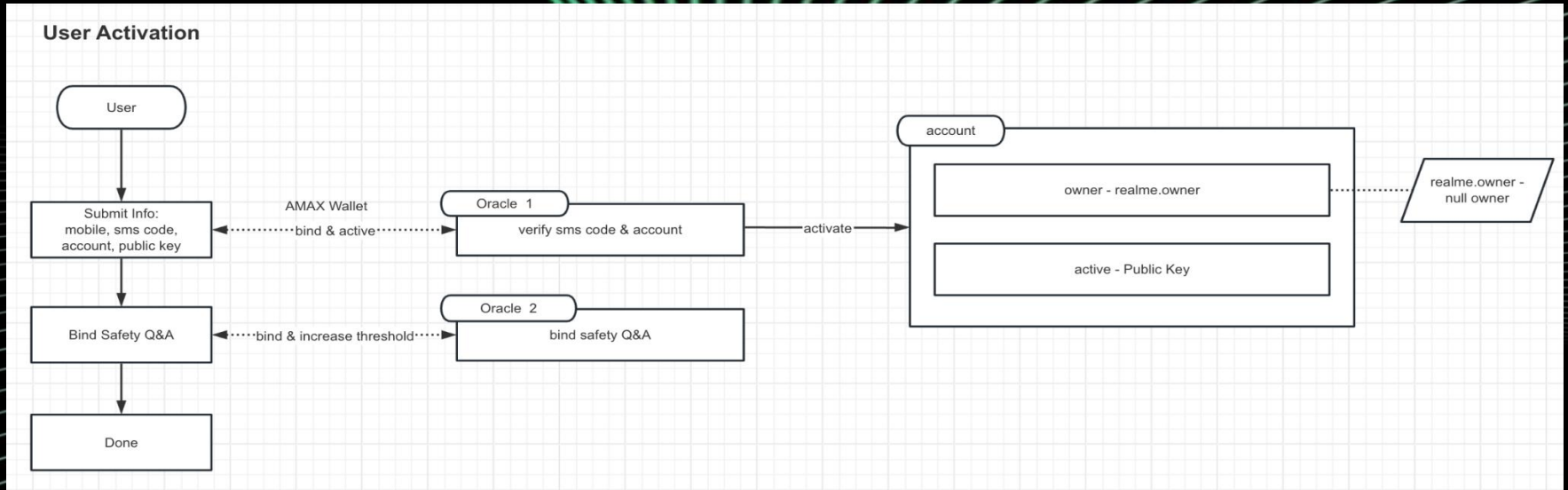
User-selected authentication nodes and custom third-party authentication nodes are used for identity verification. For example, your friends and family can become Checkers.

RealMe - Highly scalable Web2 user portal

Account comparison	user experience	Security & Decentralization	disaster recovery	Practicality	Expandability	Overall rating
External account	1 Generate through mnemonic phrase/private key	5 The user owns the private key	1 Once lost, it cannot be retrieved	5 Support all on-chain interactive wallets with high support	3 Support all current public chains that cannot be upgraded	15
Contract account	3 User learning cost is high	4 Hierarchical authorization through contracts	4 Some assets can be recovered	4 Interactive contracts are required to be compatible and wallets are difficult to be compatible with.	4 Upgradeable	16
Multi-party certification	3 User learning cost is high	4 Multi-party signature authorization is required	4 Risks are dispersed, and nodes that support disasters may be lost	3 Multiple signatures are required and it is difficult to rely on node compatibility.	3 Multi-signature service support is required	17
Abstract account	3 Support Web2 generation	5 User independent authorization	5 Risk dispersion and disaster support	1 Difficulty in compatibility and limited transactions; higher costs and contract risks	4 Upgradeable	20
AMAX RealMe (ARM)	5 Support Web2 generation	5 User independent authorization	5 Risk dispersion and disaster support	5 The wallet is compatible and supports most operations	3 Account + public key (ENS-like) system is required and can be upgraded	23

RealMe - Highly scalable Web2 user portal

The core principle of RealMe account implementation is to hand over the owner permissions of the account to the realme.owner smart contract for management. The user authorization and the new Oracle node modify the account permissions (increase security and reset active permissions, etc.), and the user uses The private key stored locally can be used normally in the wallet. This design is not intrusive to the original smart contract and DApp, and can highly expand the account.



AMAX UP

Layer 2 for Multi-chain Ecosystem



AMAX UP - Layer 2 network with multi-chain ecosystem

Armonia DAO embraces a vision where the blockchain ecosystem of tomorrow encompasses diverse networks working in harmony. While the technology remains in its nascent phases, how to cultivate interoperability between public chains has emerged as a challenge for the industry to address collectively. Armonia seeks to explore solutions that allow different communities to interact and exchange value seamlessly, bringing the promise of an open, inclusive decentralized future a step closer to realization.

After extensive research, Armonia Chain seeks to address limitations of existing cross-chain approaches like Polkadot, Cosmos and EOS-EVM. While pioneering, each presents tradeoffs between usability, flexibility and costs that can impede mass adoption. Leveraging diverse experiences, Armonia Chain proposes novel, optimized protocols uniquely designed for AMC. The goal is interconnectivity solutions lowering barriers for all through balance and cooperation.

AMAX UP

Drawing on its innovative account and permission framework, AMAX is poised to serve as a Layer 2 platform empowering interoperability across any PublicKey-PrivateKey based blockchain such as EVM and BTC. This enables AMAX to meet the rising needs of DApps and users for cross-chain functionality. Through this innovative approach, AMAX facilitates the development of decentralized applications accessible simultaneously on multiple public networks. Users spanning different chains can thereby engage in seamless interaction, unlocking new possibilities for collaboration on a global scale. By elevating interconnectivity in this manner, AMAX aims to propagate win-win outcomes for all participants in the blockchain ecosystem.

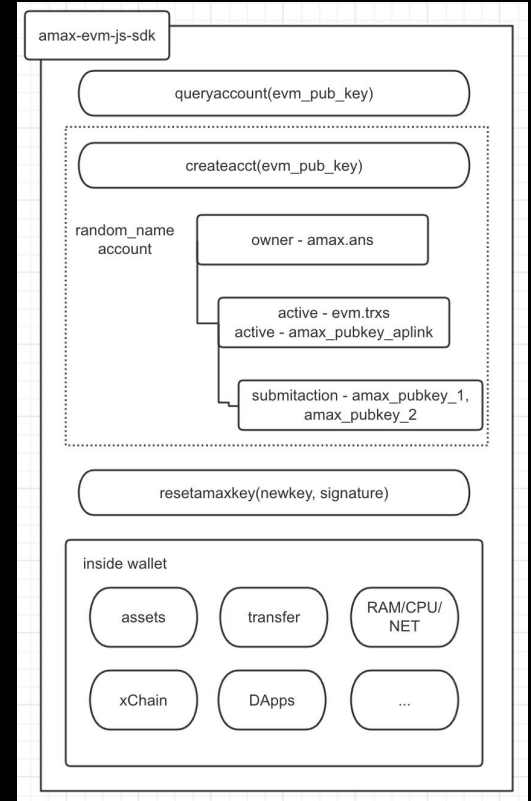


AMAX UP - Account implementation principle

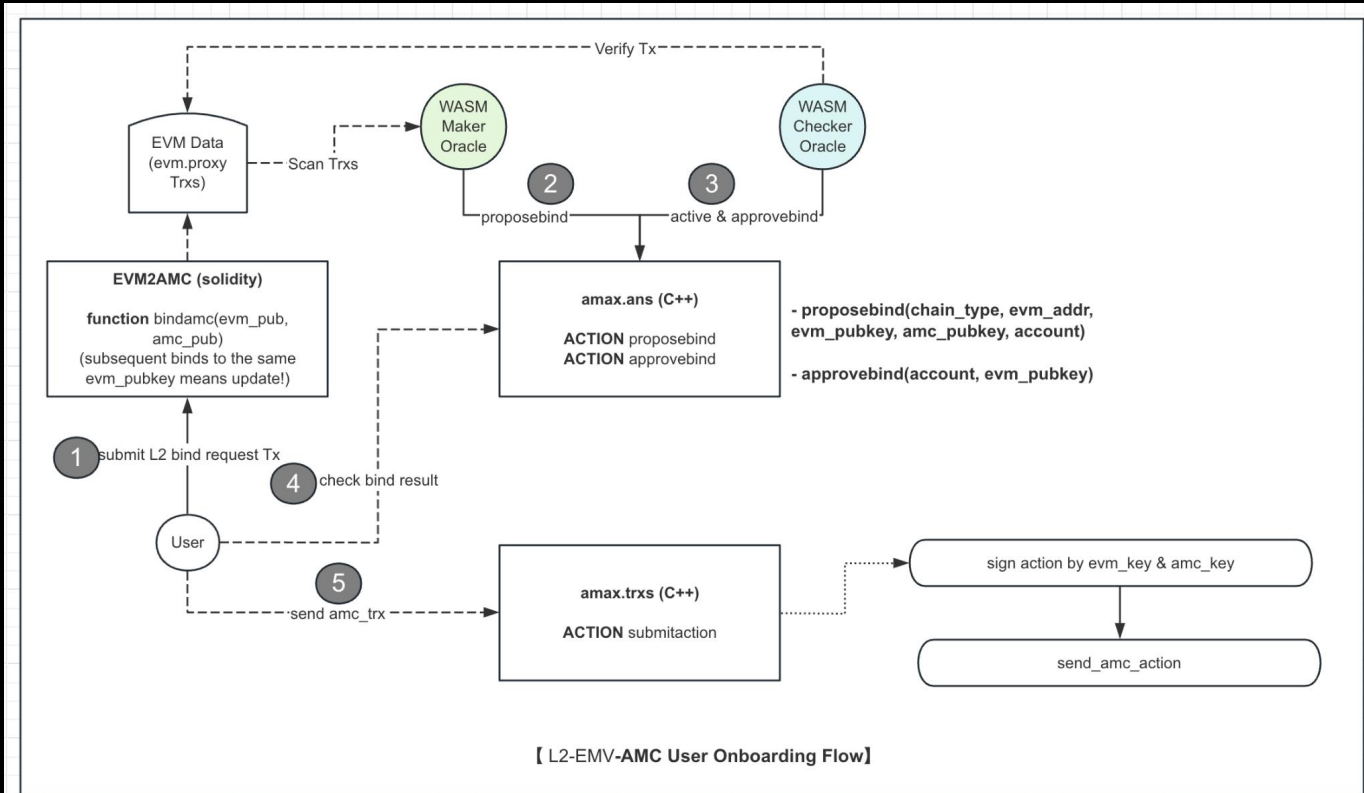
AMAX UP's account consists of three levels of permissions:

- Owner permission: The highest authority of the account, managed by the smart contract `amax.ans`, which saves the mapping relationship between the AMAX account and the EVM account.
- Active permission: Account operation permissions, managed by smart contracts `evm.trxs` and `amax_public_key`. Users can either use the wallet private key to submit transactions, or complete transaction submissions through the SDK and EVM private keys.
- submittation permisso: you can submit `amax` transaction information and EVM private key signature information to `evm.trxs`, and the contract will complete the signature verification and submit the transaction.

AMAX UP will also support the inside wallet page through SDK, which can perform basic operations on the account, such as transferring Layer 1 public chain assets into and out of the AMAX account.



AMAX UP - Layer 2 network with multi-chain ecosystem



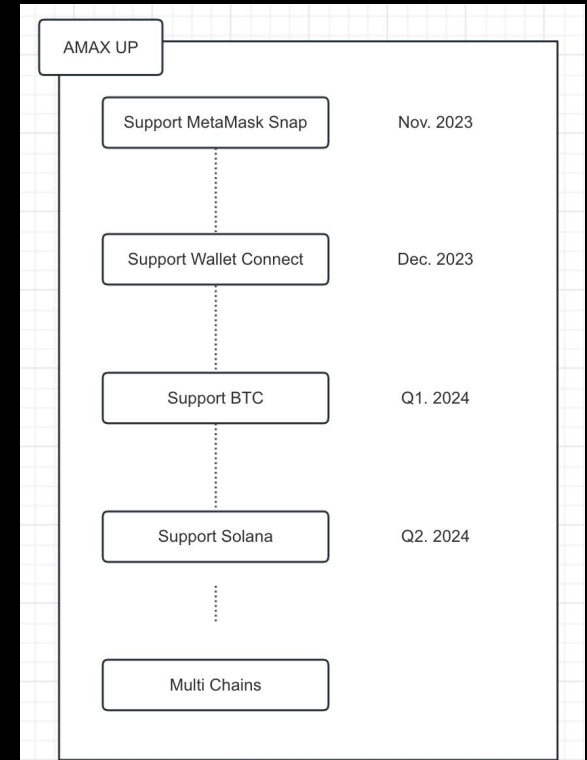
AMAX UP - Layer 2 network with multi-chain ecosystem

AMAX UP debuts in November with MetaMask Snap support. An upcoming December version enables Wallet Connect integration. Each milestone advances the goal of simplified multi-chain activities, unbound by barriers to foster widespread innovation.

How to participate:

Exciting times are upon us as ANS-EVM wallet registration gets underway. Through a seamless process using MetaMask Snap, all are welcome to freely activate and generate a secure wallet. In this inaugural stage, a select number of prestigious username aliases such as defi.eth will be redeemable, giving early participants an exclusive opportunity. Join this innovative movement helping realize the promise of seamless multi-chain experiences for all.

In parallel, December will see the inauguration of APL's permanent mining pool initiative. All are warmly welcomed to contribute to network upkeep through participation, with promising airdrop rewards in store. This marks the beginning of sustainable, inclusive efforts to propagate the ecosystem. With your support, we aim to foster widespread prosperity as the vision of global, interoperable blockchain technologies comes ever closer to realization.



Website:

<https://amax.network>

https://linktr.ee/armonia_network

Multi-Chain Wallet:

<https://aplink.app>

Whitepaper:

<https://github.com/armoniax/amax.whitepaper/blob/main/amax.whitepaper-en.md>

Twitter:

https://twitter.com/Armonia_Network

https://twitter.com/Armonia_AMC

Telegram:

<https://t.me/ArmoniaMetaChain>

<https://t.me/ArmoniaMetaverse>



More info