AMBROSUS

2022

Ambrosus Core

Roadmap

Table of contents

Preface

This is intended to be a technical and business roadmap summary of general directions that will be taken in further developing the core technology and business ecosystem. Milestones may be added, refined and removed in response to community input as they are determined to be required for the project to reach its goals.
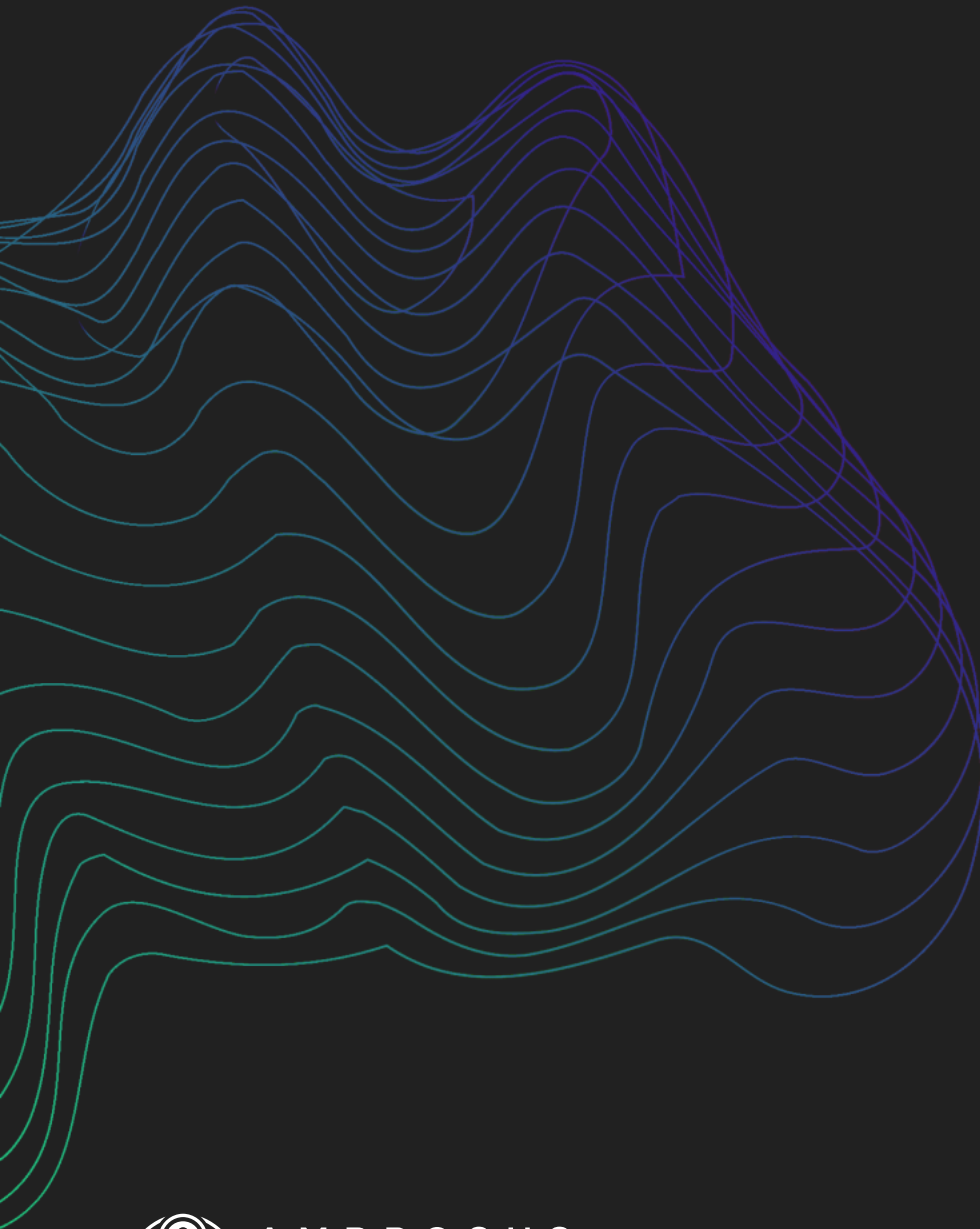
Designed for high throughput and storing large datasets at a fraction of the cost. Optimized for DeFi, NFTs and IoT.

Ambrosus is a fully operational Layer 1 EVM-compatible blockchain protocol providing scalability, zero-knowledge proof data security, and unique built-in data storage capacity. Many projects are launched to solve scalability issues, but only few can successfully assist the Ethereum Ecosystem.

The independent network known as AMB-NET acts not only as a technical sidechain for Ethereum, but also any other EVM-compatible blockchain.

Blockchain applications

Due to its diverse nature, the Ambrosus Network acts as the fundamental infrastructure for a wide range of applications.

- ⬉ Decentralized Finance (DeFi)
- ⬉ Non-Fungible Tokens (NFTs)
- ⬉ Enterprise

  - Internet of Things (IoT)
  - Retail and consumer goods
  - Telecommunications
  - Manufacturing
  - Supply chain
  - Smart cities

As a result, the ecosystem has grown significantly in the last four years, with new partners joining on a regular basis and kickstarted by development funds. Ecosystem partners can be classified into three categories: staking partners, scaling partners and bundle partners.

The first category is staking partners. This type of partner supports AMB-NET with node(s), or use the DeFi application to stake. Staking partners may be rewarded in AMB, as well as be eligible for ecosystem partner airdrops. The second category is scaling partners. Scaling partners are projects looking to scale their network to save costs, use the ETH bridge or make use of Ambrosus' data storage solution. Third and finally there are bundle partners who are mainly composed of corporate partners using Ambrosus solutions for a variety of applications such as storing (IoT) data on AMB-NET, supply chain traceability and proofs of origin, digitization and more.

Finally, in order to further boost growth, a large development fund has been made available for 2022 and beyond.
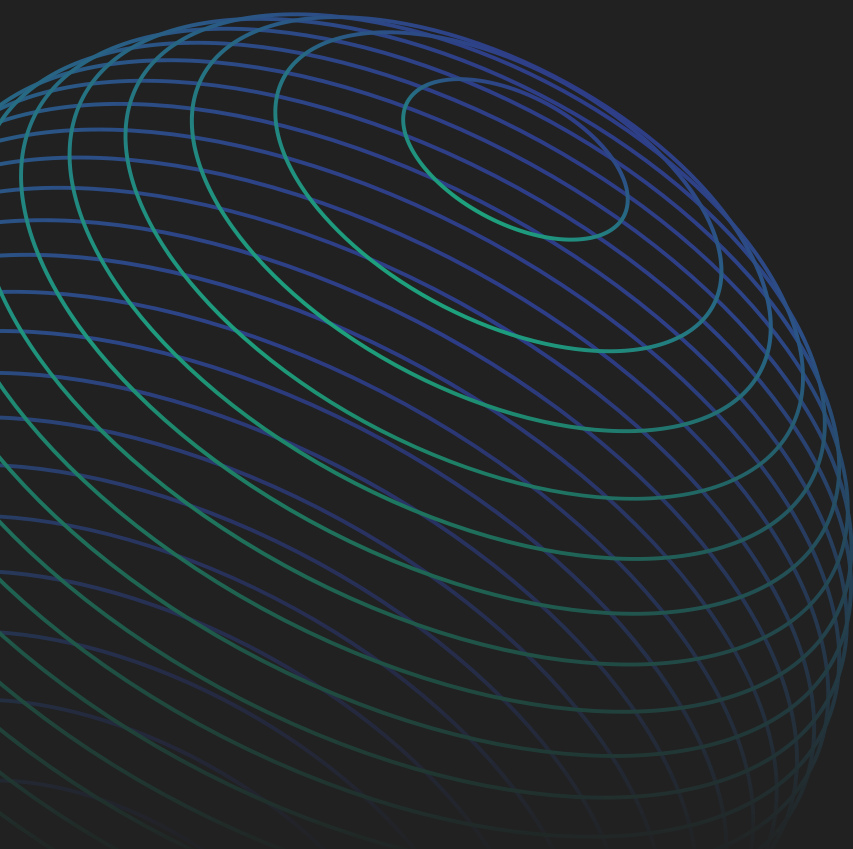
Ambrosus Core

The upcoming technical development of Decentralized Finance and other new blockchain protocol features. Click here to view the interactive roadmap.

Ambrosus is a Proof-of-Authority public Layer One blockchain protocol that has the unique capability to securely store large datasets.

While large-scale adoption and real-world applications are still emerging, Ambrosus established a powerful decentralized network that currently has over 600 masternodes across the world. Ambrosus combines the best of Ethereum with scalability, speed, efficiency and adaptability, allowing for synergistic coexistence.

Core technology development in 2022 largely focuses on continuation of network support and services, as well as cryptoeconomic adjustments and additional DeFi applications.

Increased network usability and stability

Going into effect immediately in 2022, block rewards are set at a fixed rate of 14 AMB. Additionally, the bundle price (a collection of thousands of individual transactions) is adjusted to $8 USD in order to strengthen the network's competitive advantage with regards to the ecosystem's enterprise partners.

Network integrity is a core pillar of AMB-NET's sophisticated cryptoeconomic model. More information about these updates can be found in "An In-Depth Look at Our 2022 Cryptoeconomic Updates".

● Documentation

Technical Ambrosus documentation will be made available in one portal (Gitbook) for a more structured and controlled approach. Ambrosus Core documentation as well as community documentation will be gathered in one easy to navigate environment.

• Asset Explorer

The Ambrosus asset explorer amb.to (not to be confused with the block explorer), is going to be redesigned. This large update includes an updated interface for displaying assets and events which are specific transactions tied to physical objects. Additionally, a new feature is to be launched that allows one to build links between assets and events and display them in the amb.to online interface.

• Block Explorer

The Ambrosus block explorer requires a cosmetic and functional overhaul to match with the new design and more importantly be able to show ERC20 assets.

• Network Viewer

The Ambrosus network viewer stats.ambrosus.io will undergo a system upgrade that allows users to view a map of validator and storage nodes.

Decentralized Finance

Ambrosus Core has begun to develop a range of Decentralized Finance products and services within Ambrosus Ecosystem to enable users to utilize the network for a wider range of decentralized applications. Users can interact with AMB-NET's DeFi upon locking collateral into smart contracts; a process which is often referred to as Total Value Locked (TVL).

According to amb.money, a network tool created by the community, the TVL at the end of 2021 measured around 300 million AMB. At that time, 100 million originated from DeFi users on Ambrosus Arcadia, the newly launched staking platform.

The tremendous growth of TVL within the ecosystem serves as Ambrosus Core's indicator of the rapid interest and growth of DeFi within Ambrosus Ecosystem. Core therefore aims to add more features to the staking platform, as well as launching new products.

● Ambrosus Arcadia staking

Arcadia provides a supplementary lower entry-barrier for users looking to secure the network without having to set up a masternode. In order to improve both stability and sustainability of Arcadia Staking, Ambrosus Core is launching new staking pools in 2022, as well as initiating a beta launch of community-owned pools.

Arcadia automatically deploys and retires validator nodes upon a specific set of triggers. The automated service is to be expanded to storage node pools, too. Additionally, governance token staking will be made possible upon the launch of the DAO and its accompanying token.

Lastly, staking pools will incorporate new staking rules. Thresholds and pool limits will gradually be proposed and introduced, further improving AMB-NET's unique staking platform.

● Mobile staking

Users will be able to stake AMB on Arcadia through MetaMask and major wallet partner Trustee Wallet. WalletConnect, a web3 standard to connect blockchain wallets to decentralized applications, will be integrated in Arcadia. The integration of the web3 protocol sets the foundation to stake with other compatible mobile wallets in the future.

● Bridge

In order to bridge liquidity over into other ecosystems, Ambrosus Core will first launch a bridge from AMB to popular networks ETH and BSC, followed by other networks in the future. Users will have access to their favorite tokens across three blockchains.

● DEXs & stablecoins

Following the launch of the bridge to ETH and BSC, new USDT and BUSD stablecoin pairs will be launched on major decentralized exchanges SushiSwap and PancakeSwap.

● Automated Market Maker (AMM)

Upon successful launch of the bridge to ETH and BSC, Ambrosus Core will launch its own AMM to provide liquidity in Ambrosus' DeFi applications to allow seamless asset swaps.

● Decentralized Autonomous Organization (DAO)

The Ambrosus DAO is designed to initially foster the development of DeFi applications on AMB-NET. Node owners will be given the opportunity to cast their votes, submit proposals and govern an ecosystem or network development fund. The Ambrosus DAO involves a governance token launch of which the distribution is tied to an amount of AMB which is to be announced in the future, as well as a platform to cast votes.

● Lending platform

Later during the year, Ambrosus Core will launch its lending platform to facilitate peer-to-peer crypto lending and borrowing.

● IDO launchpad

Developers and entrepreneurs will be able to kickstart unique projects from small to large on a unique and efficient blockchain with access to an established community.

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