



API Inu

W H I T E P A P E R

Token Name : API Inu
Token Symbol : API

www.apiinu.com



Introduction

API Inu is a meme coin that is decentralized to the core. This allows API Inu to be operated with maximal transparency, minimal required trust in centralized operators, and no centralized attack surfaces. API token holders can take a direct part in governing the project by staking API tokens into the API coverage staking contract, which grants them voting power in the API DAO.

We go after the meme name by having Japanese word Inu In our name, as we believe in meme coins are highly community-driven. Performance and fame are mostly linked to social media support and hype created by influencers.

API Inu is a secure and cost-efficient solution to provide a traditional API service to smart contracts in a decentralized way. It is composed of the following elements:

- multiple APIs, where the term API not only refers to a technical interface, but a service that a real-world business provides;
- a decentralized network of first-party oracles, i.e., oracles operated by the API providers themselves;
- a decentralized governing entity to oversee the oracle network.

API Inu provides and consults an intuitive Blockchain service. We lower the entry boundary of Crypto-economy network and Apply Blockchain technology worldwide to build new future value.



Nodes operated by API providers

Without third-party node operators, API data feeds are never exposed to data tampering and denial of service attacks by middlemen.

This enables them to reach higher cost-efficiency, while having fewer attack surfaces. Source-level decentralization of API Inu is enabled by Air Node, a fully serverless oracle node that can be deployed by any API provider for free, and requires minimal day-to-day management.



Web3 APIs

Call any Web API directly from a smart contract

Data feeds bring globally-identical data streams to smart-contracts. But for Web3 to thrive it also needs context-specific APIs and off-chain services. Air Node delivers both by allowing Web APIs to be called directly from smart contracts. Introducing Web3 APIs.



Data Querying

Public blockchains are data machines—price, volume, history, the list goes on. The APIS allows you to discover the latest trends, reveal transaction histories, and search across portfolio holdings of yours and others' wallet addresses.

Proposed Pricing model of API Inu - API usage

FREE	STANDARD	STANDARD
\$0	\$39 /mo	\$99 /mo
Suitable for independent projects, community driven, hassle-free plan.	Great for BSC applications. Same reliable data with better rate limit.	High rate limit, perfect for applications utilizing large amounts of BSC data.
<ul style="list-style-type: none">✓ 5 Calls/second limit✓ Up to 100,000 API Calls per day✓ All existing community endpoints✓ Community Support	<ul style="list-style-type: none">✓ 10 Calls/second limit✓ Up to 200,000 API Calls per day✓ All existing community endpoints✓ Access to API Pro endpoints✓ Escalated support	<ul style="list-style-type: none">✓ 20 Calls/second limit✓ Up to 500,000 API Calls per day✓ All existing community endpoints✓ Access to API Pro endpoints✓ Escalated support
GET FREE API NOW	GET STARTED NOW	GET STARTED NOW

All subscription will be charged on the decentralised price of API Inu (\$API) on the time of purchase, as price is fetch from Pancake Swap.

Any purchase will be send to purchase smart contract and 90% of token spent will be automatically burnt, the remaining 10% will be used for our server cost and operation.

Purchase will be recorded on the system and allow developers to access the service they subscribed to.



Tokenomics

Definition

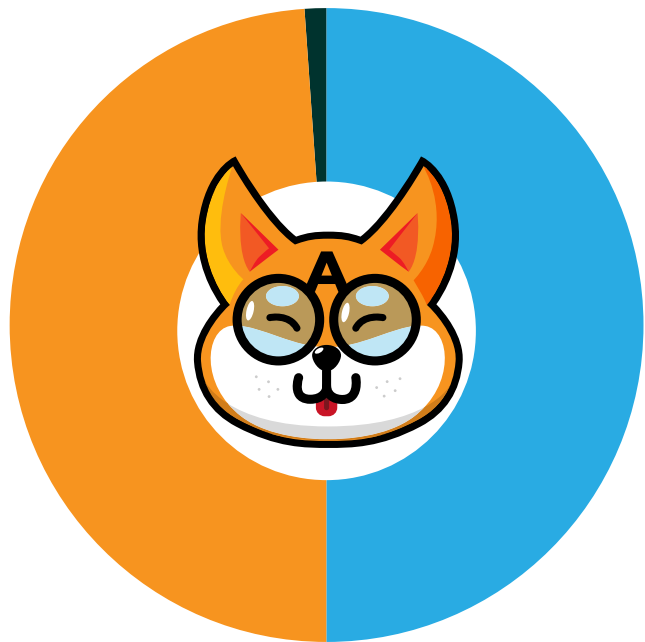
DeFi Token : **API (API Inu Token)**
Governance Token : **API (API Inu Token)**

Token Model:
Reflection, Deflationary Token.

Total Issued Tokens:

10 Trillions

- Developer wallet : **0.4%**
- Burnt on launch : **50%**
- Pancake Swap : **49.6%**



Tax:

- 0.9% on Buy.
- 0.9% on Sell.

Every buy/sell will

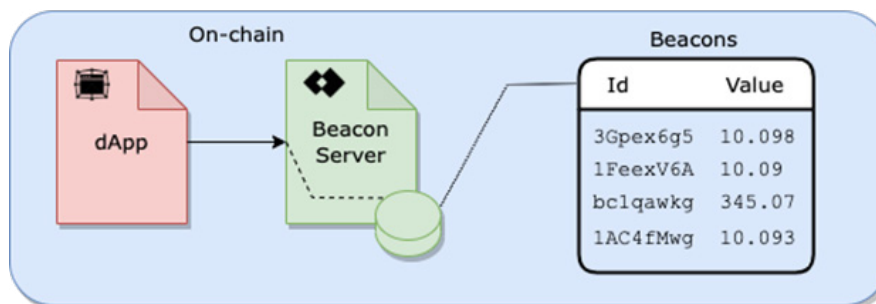
- **Burn 0.45%** of the transacted sum to dead address 0x00000dead.
- **Reflect 0.45%** of the transacted sum to holders.



API Inu Beacons



First-party transparency delivers security and efficiency



Operated by the market's most trusted and reliable data providers, Beacons are a transparent, cost-efficient and scalable way for smart contracts to interact with the off-chain data they need.

Beacons allow smart contract developers to connect Web3 applications to continuously updated streams of off-chain data, such as the latest cryptocurrency, stock and commodities prices. Operated by the market's most trusted and reliable data providers, Beacons are a transparent, cost-efficient and

scalable way for smart contracts to interact with the off-chain data they need.

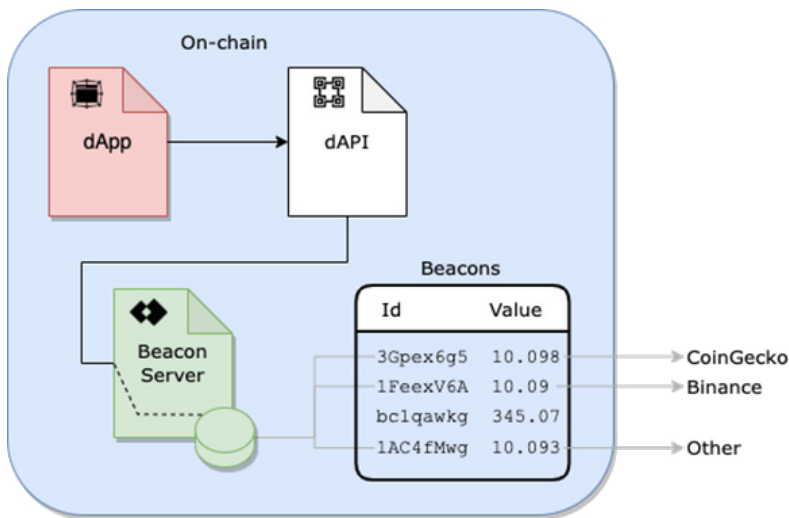
The Beacon Server contract maintains a cache of on-chain Beacon values readily available for smart contracts to retrieve instantly as illustrated in figure below. A Beacon is updated when a pre-defined tolerance of the Beacon's value is detected. Each Beacon has its own configuration parameters that define when and how it updates.



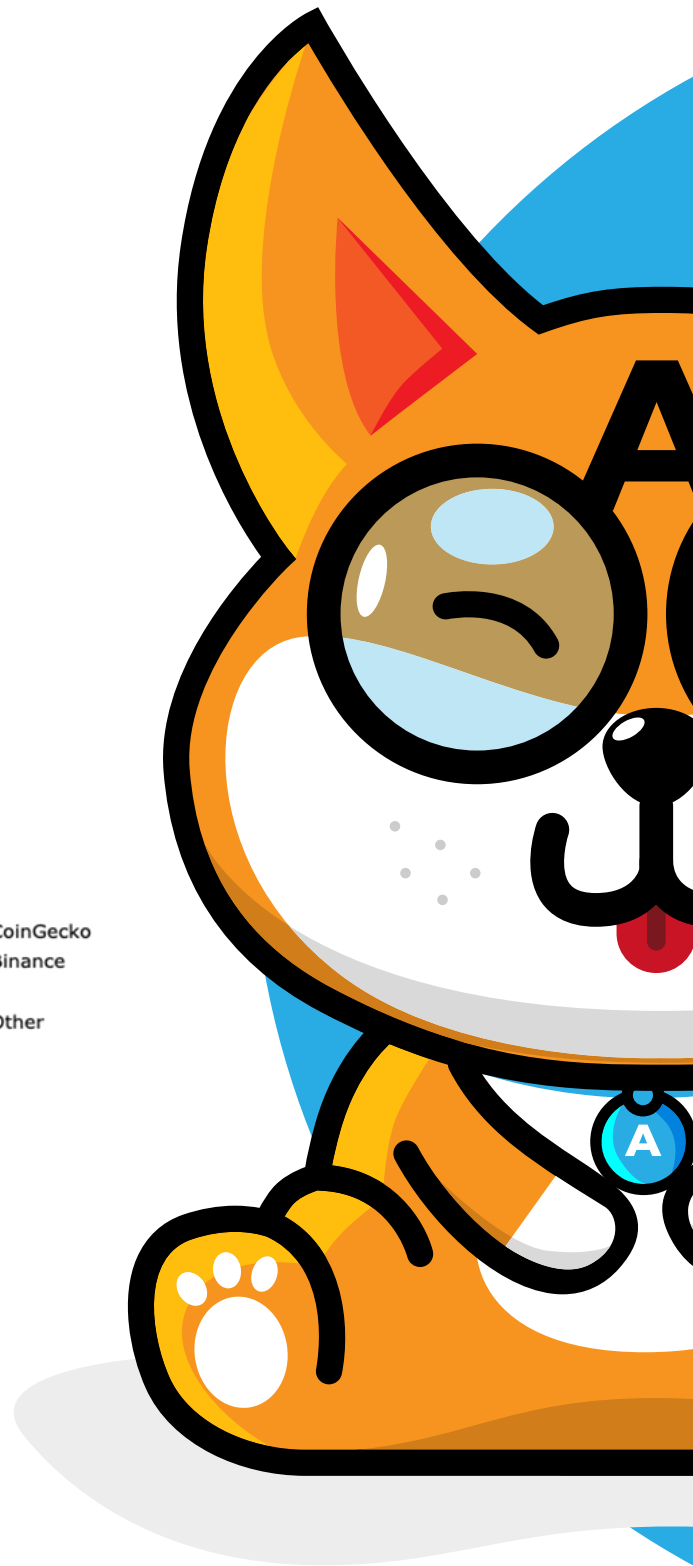
dAPIs (Building on Beacons)

To further exploit the benefit of Beacons, forthcoming dAPIs will enable dApp developers a powerful new tool to quickly acquire aggregated Beacon values on-chain.

dAPIs, like Beacons, are data feeds built entirely on-chain by aggregating data from more than one Beacon. Because they are built on top of the Beacon layer their data is also from first-party API provider owned and operated Air Nodes.



Beacons are also a cost-efficient mechanism for obtaining trustworthy off-chain data. In situations where a standalone Beacon is reliable enough and further decentralization would create unnecessary overhead, costs can be minimized by leveraging this singular source of data. For situations requiring dAPIs, Beacons enable the transparent composition of the appropriate number of data sources for the specific use-case.





Level 2:

Access Beacon State

The client is able to answer most of the questions with regard to the

Supported APIs

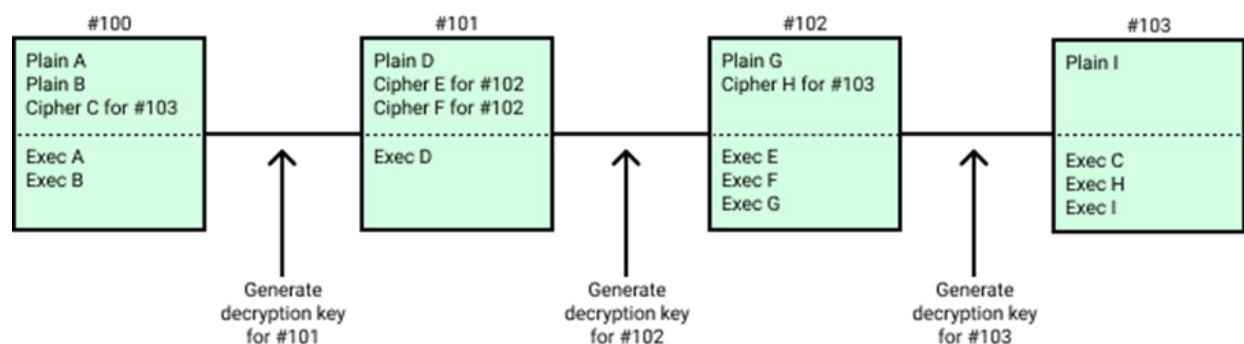
The following list not exhaustive, but it is representative of the set of functions that this client intends to support.

```
/eth/v1/beacon/genesis  
/eth/v1/beacon/states/{state_id}/root  
/eth/v1/beacon/states/{state_id}/finality_checkpoints  
/eth/v1/beacon/states/{state_id}/validators  
/eth/v1/beacon/states/{state_id}/validators/{validator_id}  
/eth/v1/beacon/states/{state_id}/validator_balances  
/eth/v1/beacon/states/{state_id}/committees  
/eth/v1/beacon/states/{state_id}/sync_committees  
Beacon can be access for both eth chain and bnb chain.
```

Input Data

Type 1: Updating to latest header

- LightClientSnapshot
- LightClientUpdate





Roadmap



Phase 1 (Q2 2022)

- Website launch
- CoinGecko & CoinMarketCap Listing
- 50,000 holders
- Media Releases on Bloomberg, Nasdaq & More.
- TrustWallet, TokenPocket, SafePal, Token Updates
- Exchange Listing
- API Beta Launch
- API Subscription Model
- Staking Program
- AMA with Project Founders
- dCharting Launch (BSC)

Phase 2 Growth (Q3 2022)

- 100,000 Telegram Members
- 200,000 Holders
- Customized Airdrop campaign
- MasterNode platform beta service
- CEX Listing
- Android and iPhone dApp release
- Twitter influencer Promotion
- Banners and Billboards in major cities
- Support Cross Chain – BNB Chain, Polygon, Fantom and Ethereum.

Phase 3 Expansion (2023~)

- CEX Listing
- 1,000,000 holders
- WEB3 APIs
- API Pay , API Card
- API Main-net Scalability
- Meetup Events
- Ambassador Program with Celebrities
- Large Billboard on New York, Dubai, London & more.
- Crypto Conventions Speaker and Sponsor



Whitepaper Versions

v1.0.0 – Leon Bartfort, April 2022.

Glossary

Air Node: A fully-serverless oracle node designed to be operated by API providers.

API: A technical interface of an application that another application can use to interact with it programmatically. An API that is open to external access (i.e., a Web API) can be used by businesses to monetize their data and services.

API provider: A business that monetizes their data and services through an API.

API-INU: The project that will build, manage, and monetize dAPIs.

API-INU DAO: The governing body of the API Project.

API token: The token that is used to align the API ecosystem incentives. It grants voting power at the API DAO.

ChainAPI: A third-party API–Air Node integration platform. It will provide integration tools, utilities and a marketplace for public listing of oracle endpoints. It can be thought of as the spiritual successor to the Honeycomb API Marketplace.

DAO: Decentralized autonomous organization. A multi-user smart contract that is used to democratize the governance of an on-chain organization.

dAPI: A decentralized API, i.e., a data feed composed of first-party oracles. It is governed decentrally by the API DAO.

Honeycomb API Marketplace: An API-centric marketplace/listing service that has been built for Chain-link oracles by some of the founding members of API.

Oracle: An agent that can deliver data to-and-from a smart contract platform, e.g., writes asset price data to the chain. It includes a node and a smart contract that implements the protocol it uses to communicate with the requesters.

API: Decentralized APIs for Web 3.0

Oracle node: An application that performs the off-chain functions of an oracle, e.g., calls an API to get asset price data and writes it to the chain.

Web 3.0: The decentralized Web built over blockchain technologies. Note that we are not using this term to refer to the Semantic Web.

Web API: An API that is accessible over the Web, i.e., an API that is not only accessible from a private network.