



Solutions to Decentralized Oracles



Connect Real-World Data with Blockchain System





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ABSTRACT

With the rapid growth and frequent release of the good news of DeFi industry, as the natural companion of DeFi, oracle projects are also entering into the rising channel of fast growth. Oracle can connect the real-world data with blockchain, which solved the problem of data interaction among blockchain, the Internet, and the real-world, and also broke through the limitation of the smart contract. ADAMOracle emerges in the context of this era.

ADAMOracle is a decentralized oracle network, which will provide comprehensive tools and data for smart contract developers on the chain, and also provide more secure and convenient overall oracle solutions for them.

ADAMOracle will provide data information continuously, efficiently, and correctly. In the future, it will be applied in a wide range of scenarios in various fields, such as the information acquisition of exchange rate of DeFi projects, borrowing-lending rate, token price, random numbers, decentralized insurance outside the chain.

ADAM, the token of ADAMOracle, has many application scenarios as well. For example, ADAM can be used to pay the data providers, and the users who used their data need to pay a certain amount of ADAM. This means that the more ADAMOracle is used, the higher value of ADAM is. It can be boldly predicted that in the future, blockchain will transfer data outside the chains through the oracle, and oracle will become an indispensable part of blockchain.



1 BACKGROUND

1.1 The High-Speed Growth of DeFi Projects Drives the Rapid Development of Oracle

DeFi (Decentralized Finance) is the representative of blockchain finance, which mainly refers to decentralized loaning that digital currency users can mortgage their digital currency to the DeFi platform to obtain interest, or borrow money. That is one of the few highlights of on-chain applications in recent years.

2020 is dramatically improved in the year of DeFi. During this year, the market scale of DeFi expanded rapidly. At the beginning of the year, the TVL (total value locked) of DeFi was around US \$670 million. By the end of the year, it reached US \$14.5 billion, which achieved an annual increase of around 2100%. Complementary to each other, in this year, the user scale of DeFi had also increased significantly. By the end of the year, not only has the total number of independent addresses exceeded 1 million, nearly 10 times as much as that at the beginning of the year, but also the average daily active addresses of all DeFi platforms increased by more than 97%. In 2021, the DeFi's scale of locked value keeps rising constantly.

According to the data from OKEx exchange, up to Feb. 3rd, the top three protocols for the locked volume of Ethereum are Maker, WBTC, and Uniswap, the figure of which is US \$5.3 billion, US \$3.99 billion, and \$3.69 billion respectively. In addition to the locked value, the daily trading volume of decentralized trading has increased significantly, which enables everyone to see the value and future development prospects of DeFi.

Oracle makes a great contribution to DeFi. Similarly, as a natural companion of DeFi projects, the oracle projects also got on this express train and entered into the rising channel of fast growth.

Oracle can connect the real-world data with blockchain, which solved the problems of data integration among blockchain, the Internet and real-world. With the explosive development of DeFi industry, it is reasonable that the oracle industry grows fast as well, but the potential of oracle is far beyond the application on DeFi.

1.2 The History of Oracle

With the development of DeFi projects, the demand for oracle is increasing, then the public gradually knows about oracle. In fact, oracle existed long ago, but not has been widely used.

At present, three mainstream oracles are Chain Link、Tellor、Band, each of which has its own advantages and limitations.

Chainlink is a distributed oracle network, and is the first decentralized oracle project. Chainlink mainly provides blockchain smart contracts with reliable and tamper-resistant data input and output. Four types of data can be provided: price information of the market, weather and location data, Internet of Things and devices data, and events of other chains.

Tellor is an oracle using PoW mechanism, which can provide security for data in another way. To be elected as a data node of Tellor, PoW minin like BTC is required.

There are numerous data sets in Band, each of which has its own corresponding token. The token of data sets can be obtained by exchanging with protocol token BAND through the token pool. The data providers need to mortgage their data sets token, then the data sets token holders will vote for them, and the top nodes can become the data providers.

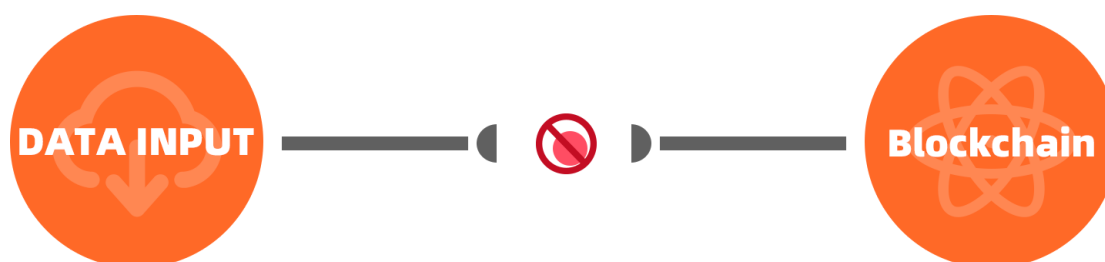


1.3 Oracle Will Certainly Become an Indispensable Part of Blockchain

1.3.1 What Is Oracle ?

After the blockchain entered the era of smart contracts, oracle also ushered in new opportunities.

As we all know, the smart contract will replace the demand for traditional legal agreements and centralized automatic digital protocols, thus bringing revolutionary changes to many industries. Operation verification and execution all rely on the manual operation of a contracting party, or automatic system which can automatically do the program retrieval and update relevant changes. Unfortunately, due to their underlying consensus protocols, blockchain which runs smart contracts does not support out connecting with external systems.



Since the oracle is the mechanism that provides the outside information into the blockchain, and blockchain network is not able to collect external information independently, thus oracle becomes the interface between the blockchain smart contract and the external world, which can search and verify the real-world data, and submit the information to the smart contract encrypted. It allows certain smart contracts to respond to the uncertain external world, in short, it can be regarded as a preprocessor of external data or a third-party data agent.



1.3.2 DeFi Projects' High Demand for Oracles

Through blockchain technology, based on the construction of smart contracts and interaction protocols, realizes disintermediation, reduces the role of middleware, and greatly decreases the huge cost of the intermediaries. Through decentralization protocols of the open financial system, DeFi aims to securitize all assets, and finally form a borderless open financial system in the world. Meanwhile, all the operations are centered on smart contracts and codes, all the data are transparent, and mutual trust is not necessary so that everyone in the world can carry out financial activities anytime and anywhere, which is considered as a "new financial revolution".

In the financial industry, the first-hand data and the authenticity of the data are of great importance. Through the traceability, tamper-proof, and other features of blockchain technology, DeFi can ensure that the data is much more reliable. However, what if the original data goes wrong? As for the smart contract, a reliable third-party information source is necessary for it to run on the blockchain, otherwise, the correct execution of the smart contract may be damaged, same to the trust degree of DeFi. In order to fix this problem, we have focused on the oracle, and the concept of oracle becomes well-known with the popularity of DeFi.



In the blockchain, oracle is the bridge between the data on the chain and outside the chain, writing the real-world data into the blockchain. As a platform for providing data outside the chain and a parameter input source of smart contract, the oracle can input the data outside the chain into the chain truly and accurately, so as to ensure the authenticity of data on the chain and realize the trusted interaction between smart contract and the outside world. For the DeFi projects, the oracle can provide them with a highly specific market information source, including price information, volatility, and other core data, which further ensures the authenticity and credibility of the data. Therefore, oracle has become one of the important infrastructures of DeFi ecology.

1.3.3 Blockchain Cannot Be Applied Without Oracle

The application on the blockchain network is called as DApp. DeFi is a type of financial DApp, all of which are based on smart contracts.

There is a problem with the smart contract that is it cannot request and obtain data from outside by itself. In other words, it can only passively receive information and data outside the chain. Each smart contract is a program that waits for others to meet its trigger conditions to start.

Therefore, in some business scenarios, the program that can only start by using data outside the chain needs to be triggered by an oracle.

For example, DEX (decentralized exchange) needs to get the price of a token in the whole network to price the transaction pair, which can be realized by the oracle to obtain the data outside the chain; as for a gambling DApp, the oracle can be used to get the result data of real-world ball games.

In short, blockchain cannot obtain data outside the chain and in the real-world actively, but sometimes this data is necessary, and the data provided by individuals or centralized institutions may not be safe, thus it needs oracles to provide reliable data.

Oracle can connect the real-world data with blockchain, which solves the problems of data integration among blockchain, the internet, and real-world. With the explosive development of DeFi industry, it is reasonable that the oracle industry explodes as well, but the potential of oracle is far beyond the application on DeFi.

1.4 ADAMOracle Emerges as The Times Require

We believe that people have a preliminary understanding of the value of oracle. In recent years, the concept of blockchain has been very popular, but it still long way to go until it is applied to the real-world. The reason for that is there are too many restrictions of blockchain, it is limited by its application scenarios. It seems that blockchain has been staying in a narrow world. The reason is that it cannot obtain the information outside the chain in the real world such as the stock price of real companies, the score of the world cup, the weather data of a certain city, and so on. Only if it can safely and accurately acquire the specific data of a specific scene, then blockchain will be applied in more scenarios.

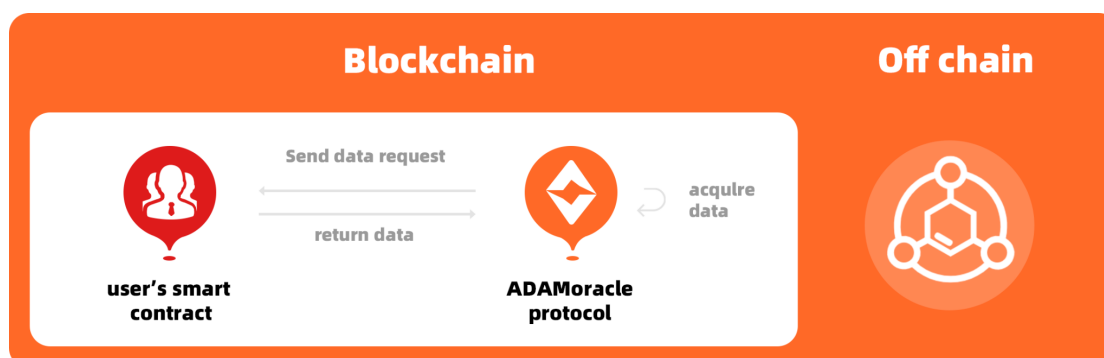
If the data is provided by an individual or a centralized institution, it is possible that the person or organization will report fake data for personal benefit, or input wrong data by mistake. If the source of the data is wrong or fake, the data is meaningless to be input on the chain.

Therefore, the development of oracle is of great significance to the blockchain. Oracle ensures the security of data through various means, such as economic model, mortgage assets, verification system, reputation system, authentication system, trusted hardware, and so on. Through the summary and processing of oracle, the data can be used by blockchain meaningfully. ADAMOracle emerges in the context of this background.



2 INTRODUCTION

ADAMoracle is a system that connects real-world data and blockchain. It will provide standardized solutions for many application scenarios and realize seamless interaction with services outside of the blockchain.



2.1 ADAMoracle Is a Decentralized Oracle Network

ADAMoracle is a decentralized oracle network, which will provide comprehensive tools and data for smart contract developers on the chain, and also provide more secure and convenient oracle solutions for smart contract developers.

The decentralized oracle solutions can format information and verify the reliability of data by multiple nodes so that a large number of smart contracts can access and obtain reliable data sources in a safe and low-cost way. The data sources include a variety of data providers and data systems.

ADAMoracle relies on the global capital advantages, and more and more global data source service providers will join in. The decentralization of data transferring can be truly realized through ADAMoracle, and it will promote the development of various business types such as loan, asset synthesis and forecast market, and so on.

2.2 ADAMoracle Will Provide Data Continuously, Efficiently, and Accurately

2.2.1 ADAMoracle Provides Data Continuously

ADAMoracle does not need to capture or buy data continuously, and of course, ADAMoracle is not a data provider. ADAMoracle motivates the data providers with token ADAM, so that the providers who continuously provide effective data will be rewarded with ADAM. At the same time, data users are required to pay a certain amount of ADAM, thus forming a virtuous circle.

2.2.2 ADAMoracle Provides Data Efficiently

ADAMoracle will provide data faster than other ordinary Oracle, because the data acquisition only needs one transaction to be done.

ADAMoracle will deeply cooperate with major public chains, which means that when invoking data, ADAMoracle can not only use ADAM as the service charge of invocation, but also use the native token of the corresponding public chain to pay the service charge of data invocation, for both users and developers. For example, ETH can be used as the service charge for ETH App to invoke the reliable data, and EOS can also be used as the service charge for EOS DApp to invoke the reliable data.



2.2.3 ADAMOracle Provides Data Accurately

Providing the correct data is fundamental to an oracle project. ADAMOracle project motivates data providers to provide correct information by rewarding correct data.

Each correct data will be rewarded. When the data is used by DApp, the provider can get the reward of the service charge. This is a continuous positive incentive. The more users there are, the more service charges there will be, eventually, the evil motivation of providing fake data will be less, so as to realize a virtuous circle.

2.3 The Value of ADAMOracle

Before mentioning the value of ADAMOracle, we need to fully understand the vision of web3.0. The Internet is centralized system now a days, there are few companies that control our personal data. Social media, searching platforms, and so on, what we are rely on, are always monitoring us. Our privacy may be violated, and personal data also has the risk of being abused.

Web 3.0 is a server-free decentralized Internet system, which advocate that we can benefit from the Internet, but we do not need to give control over to a few companies, and everyone can control their own identity, capital and data. To control one's own identity means that there is no need to be given identity by others or organizations, and others or organizations are not able to falsely use, deprive or freeze one's identity. To control one's own capital means that the capital will not be deprived and can be disposed freely. To control one's own data means that everyone can generate, save, conceal and destroy personal data according to their own will. Without their permission, no one or no organization can use their personal data. In the digital age, only those who control their own identity, capital, and data can control their own destiny.

Web 3.0 is an era of the interconnection of all things, and it will also be an era of DApp's explosive development. ADAMOracle may become an important part of it, because oracle realizes the data interaction among blockchain, the Internet and real-world, and oracle can provide reliable offline data, a variety of APIs, and traditional payment information. More directly, transfer the data outside the chain through the oracle is necessary for blockchain. Oracle is an essential part of blockchain, which is what is exactly the value of ADAMOracle is.

2.4 The Advantages of ADAMOracle

2.4.1 Technical Advantages

ADAMOracle is a overall oracle solution that the oracle and data source are decentralized; meanwhile, ADAMOracle will support cross-chain operations in the future.

2.4.2 Structural Advantages

Multi nodes deployment method that combines global nodes and backup nodes to achieve a more equitable data acquisition and service ecology.

2.4.3 Economic Advantages

There is a complete economic model of pledge, service commission, voting governance, voting reward, and other modules to make fully use of the resource advantages of upstream and downstream roles.



3 THE FUTURE APPLICATION SCENARIOS OF ADAMOracle

Oracle has many practical application scenarios, and all blockchain applications that need to interact with data outside will need to use oracle. ADAMOracle will be applied in many fields owned one trillion market size in the future, including finance, insurance, gambling, internet related business, etc.



3.1 Information Acquisition of Exchange Rate and BLR of DeFi Projects

The financial loan allows users to mortgage their encrypted capital to borrow legal money or other encrypted capital. The platform can monitor the margin ratio of the collateral through ADAMOracle, and issue a warning and trigger the liquidation procedure when the margin is insufficient. At the same time, ADAMOracle can input the credit rating of the borrower, and then determine the corresponding loan interest rate.

3.2 Information Acquisition of Token Price

Plenty of decentralized exchanges (DEX) adopt the mode of the liquidity pool instead of the traditional mode. The liquidity pool is that users who provide liquidity put a pile of tokens into a fund pool in order to provide depth for traders. The price of the token in the liquidity pool can be obtained by the oracle, and the proportion of the token pool can be dynamically adjusted according to the price provided by the oracle.

Decentralized stable cryptocurrency can also automatically obtain the exchange rate between the stable cryptocurrency and anchored capital through ADAMOracle.

3.3 Acquisition of Random Number

Gambling is depends on unpredictable and verifiable random numbers to determine the final result, but



it is impossible to generate random numbers on the chain, or the random numbers on the chain can be predicted and cracked. At this time, it needs oracles to provide safe and unpredictable random numbers for smart contract. In this field, ADAMOracle will be highly combined with the application scenarios.

3.4 Information Acquisition of Decentralized Insurance

Users purchase flight delay insurance, crop weather insurance, exchange account security insurance, and other insurances on the insurance platform. ADAMOracle can input the external data sources for such events, such as flight status, weather condition, account funds situation so that the smart contract can decide on whether to settle a claim for the insurance product according to the agreement.

3.5 Blockchain Internet of Things Obtains Information outside The Chain

The application of the Internet based on blockchain can transfer the sensor information outside the chain to the chain through ADAMOracle so that the smart contract can conduct the next action after verifying the information.

3.6 Data Acquisition of the Real-World

Oracle is a platform specially to provide external information. It is a middleman, which helps the smart contract connect the data outside the chain and realize the data interaction between blockchain and the real- world. It can be regarded as a reliable data provider. In view of this point, all industries related to data can become the application scenarios of ADAMOracle, which is the bridge between blockchain and the data in the real world.

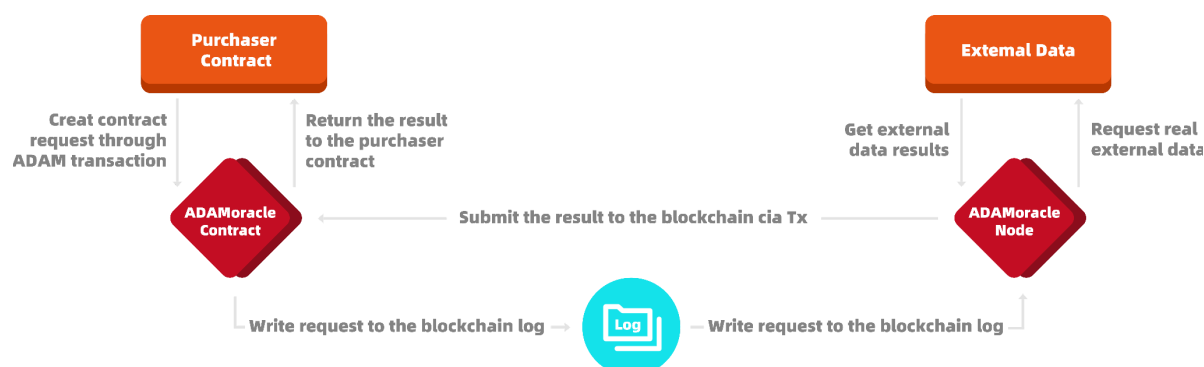


4 TECHNICAL ANALYSIS

4.1 Analysis of The Operating Principle of ADAMoracle

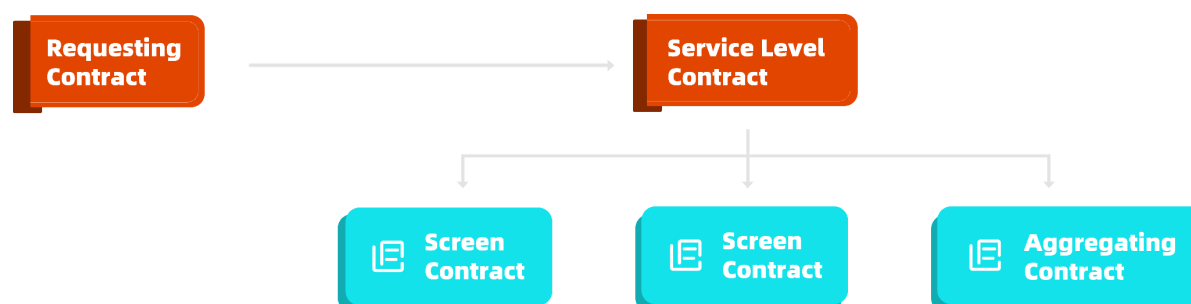
ADAMoracle connects the blockchain with the external world. It is the first decentralized oracle network on BSC Chain, which enables the smart contracts to connect to the data outside the chain accurately. ADAM is a digital token circulating in the network, and users can use ADAM to purchase services.

The following picture shows the operation process of ADAMoracle without aggregation process:



Firstly, ADAMoracle will send request contract to acquire data. The ADAMoracle protocol registers the data request as an “event log”, and then creates the corresponding smart contract (service level contract) on the blockchain to obtain the data outside the chain. The service level contract will generate three subcontracts, which are screen contract, select contract, and aggregating contract.

The screen contract will check the historical service level of the oracle to verify its authenticity and historical performance, and eliminate the less reliable oracle nodes. ADAMoracle select contract sends the data request in the request contract to the ADAMoracle modes, and then selects the appropriate data and type of oracles to complete the task. ADAMoracle aggregating contract obtains all the data from the selected oracle, verifies and aggregates the data, and finally produces accurate results.



4.1.1 The Data of ADAMoracle Will Be Input on Chain

Users send a data request to ADAMoracle through smart contract with the corresponding data requirement parameters (on the chain). In essence, it is also an ADAM transfer, which carries data request parameters in the payload of the transfer transactions. The network, composed of ADAMoracle nodes, obtains relevant information by subscribing to the log of ADAMoracle. ADAMoracle Core disassembles user demands (off the chain). The disassembled tasks will be completed by different nodes through the external API data source, and return with data. The returned data will be sent to ADAMoracle core.



ADAMOracle Core returns the data to the ADAMOracle smart contract on the chain. The smart contract of ADAMOracle integrates data (using the probability of data provided by different nodes to distribute, remove outliers, and so on). In the meanwhile, according to the final result, recoding the reputation of each node providing data, and sent the final result to the user's smart contract. The whole process is completed.

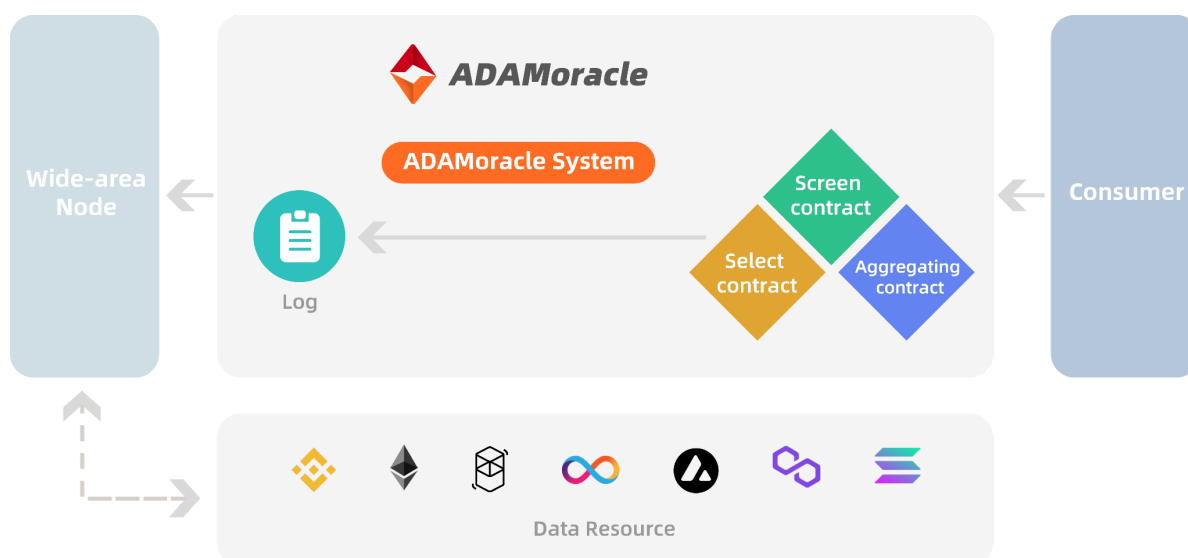
4.1.2 ADAMOracle off Chain Network

There are two layers of the ADAMOracle off-chain network. One layer is that multiple oracle nodes provide data to the blockchain, the second layer is that multiple data sources provide data to the oracle nodes.

Multiple external data sources ensure the decentralization of data acquisition, and ensure the integrity and authenticity of data sources on the premise that most nodes will work normally for their own interests.

In this way, ADAMOracle can achieve the decentralization of the oracle, and ensure the reliability of inputting the data on the chain.

4.2 ADAMOracle builds Web3.0 distributed multi-node oracle network ecology



In the Web3.0 blockchain network time, a complete middle-tier infrastructure will promote the next stage of the growth engine of the blockchain. However, the performance of the oracle network currently on the market and the cumbersomeness of building applications have discouraged many DeFi DApps.

ADAMOracle is committed to changing the current status and completing a truly decentralized oracle network.

Web 3.0 developers can use ADAMOracle to implement a decentralized computing network with cross-chain support for multi-node computing. For the DeFi application market, consumer customers connect to ADAMOracle through smart contracts to obtain prices, obtain more accurate and secure quotations through multi-node connection quotations, and realize automated distributed storage of data. Each price will better verify the degree of decentralization, data accuracy, stronger stability, and scalability of ADAMOracle.



The ADAMoracle multi-node computing network oracle architecture realizes unbounded interplanetary network computing, allowing each multi-type server to achieve automated quotation, and has a safe rating function to ensure the accuracy of the price and better guarantee the oracle The network's decentralization characteristics and availability performance.

ADAMoracle will attract more excellent developers to create excellent DeFi DApps applications. These new business paradigms of Web3.0 will also become a new form of economic society and organization in the future

4.3 ADAMoracle Risk Control Model

ADAMoracle fully considers the overall security of the system in the structure, in order to provide accurate and efficient data services.

4.3.1 Structure

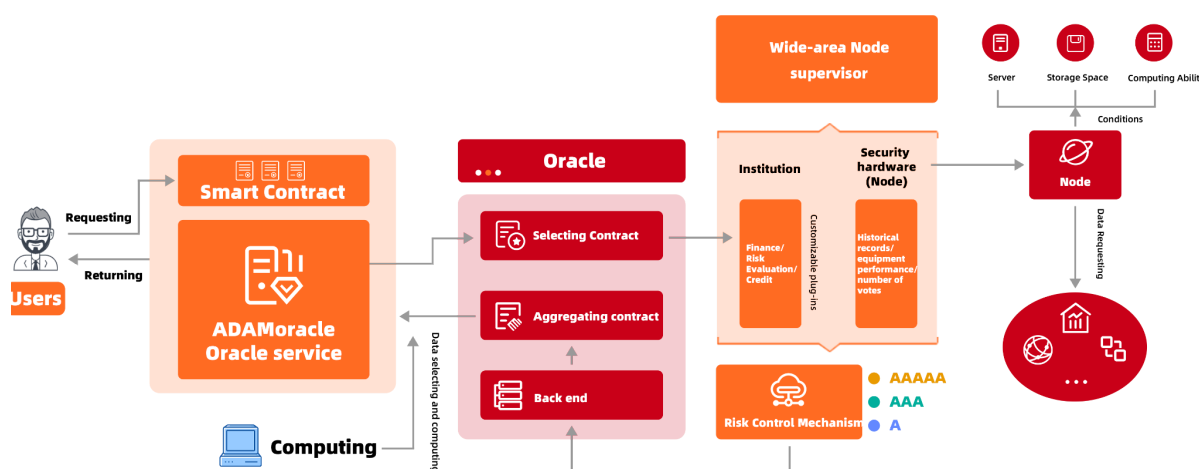
ADAMoracle adopts a wide-area node quotation mechanism, which can accommodate thousands of nodes for quotation services. It is not easy to conduct unified management and efficient operation of numerous node ecosystems.

In order to facilitate the organization and management of many nodes, ADAMoracle will examine the server security performance, storage space and computing capacity of the node, which are the basic conditions for becoming a node.

After becoming a member of a wide area node, each node will be connected to the ADAMoracle network, which is convenient for the node to officially start data transmission services.

ADAMoracle will comprehensively assessment the nodes based on their historical service records, equipment performance, number of price-feeding services, number of votes, finance, credit investigation, etc., and will rate them as 1 star, 3 stars and 5 stars. The higher the node star rating, the higher the safety performance, and the higher the number of quotation and ADAM rewards that can be obtained.

4.3.2 Work Flow



When the user initiates a data request, ADAMoracle will start intelligent calculation and register the data request as an "event", and then create a corresponding smart contract on the blockchain. First,



ADAMOracle will select a batch of most matching nodes and send them request, and the node will obtain the off-chain data. The ADAMOracle screening will check the historical service level of the node, verify its authenticity and historical performance, and eliminate those nodes with lower reliability; ADAMOracle aggregation contract obtains all data from the selected nodes, verifies and aggregates the data, and finally gets Produce accurate results.

Under the linkage of the dual risk control mechanism of the ADAMOracle organizational structure and operating mechanism, not only can the security and accuracy of the ADAMOracle data service be ensured, but also the overall performance of the oracle network can be continuously optimized.

4.4 Major Features of ADAMOracle

High security: ADAMOracle avoids a single quotation sourcing failure by connecting multiple nodes to calculate and verify the quotation; the quotation and price verification system prevent ADAMOracle from related attacks and cause corresponding losses to customers;

Decentralization (high participation): ADAMOracle can connect to multi-type servers through the global node to become bidders and verifiers, and participate in the oracle price generation. Many members can participate in the future development route of ADAMOracle;

High scalability: ADAMOracle supports more cross-chain DeFi DApps applications based on Polkadot, Polygon, and BSC, is compatible with many blockchain technology development frameworks, and builds aDefi application ecosystem for developers;

High accuracy: With oracle evaluation system, the deviation between the quotation per minute and the market price is accurate to 0.0012.

Low threshold: ADAMOracle can be connected to multiple types of servers, which greatly reduces maintenance and operation costs. It try to achieve as quotation system platform that everyone can participate in.



5 TOKEN DESIGN

5.1 Brief Introduction of ADAM

ADAM is the token that represents the contribution of ADAMOracle participants, and the core value of the ecosystem. Its value comes from the value contribution of ecological members. Node members (data providers) can get ADAM by providing correct data for data demanders. Similarly, the data demanders need to pay ADAM for obtaining data information. Like Bitcoin, miners compete to mine the block for rewards.

5.2 ADAM Distribution

The total amount is 100 million, and will never increase. Token distribution:

- A. Wide-area node mining 60%, 60million
- B. Community contributor rewards 5%, 5million
- C. Liquidity mining 9%, 9million
- D. Private Sale 13%, 13million
- E. Initial circulation 3% , 3million
- F. Community/market operations 5%, 5million
- G. Reserved by the team 5%, 5million

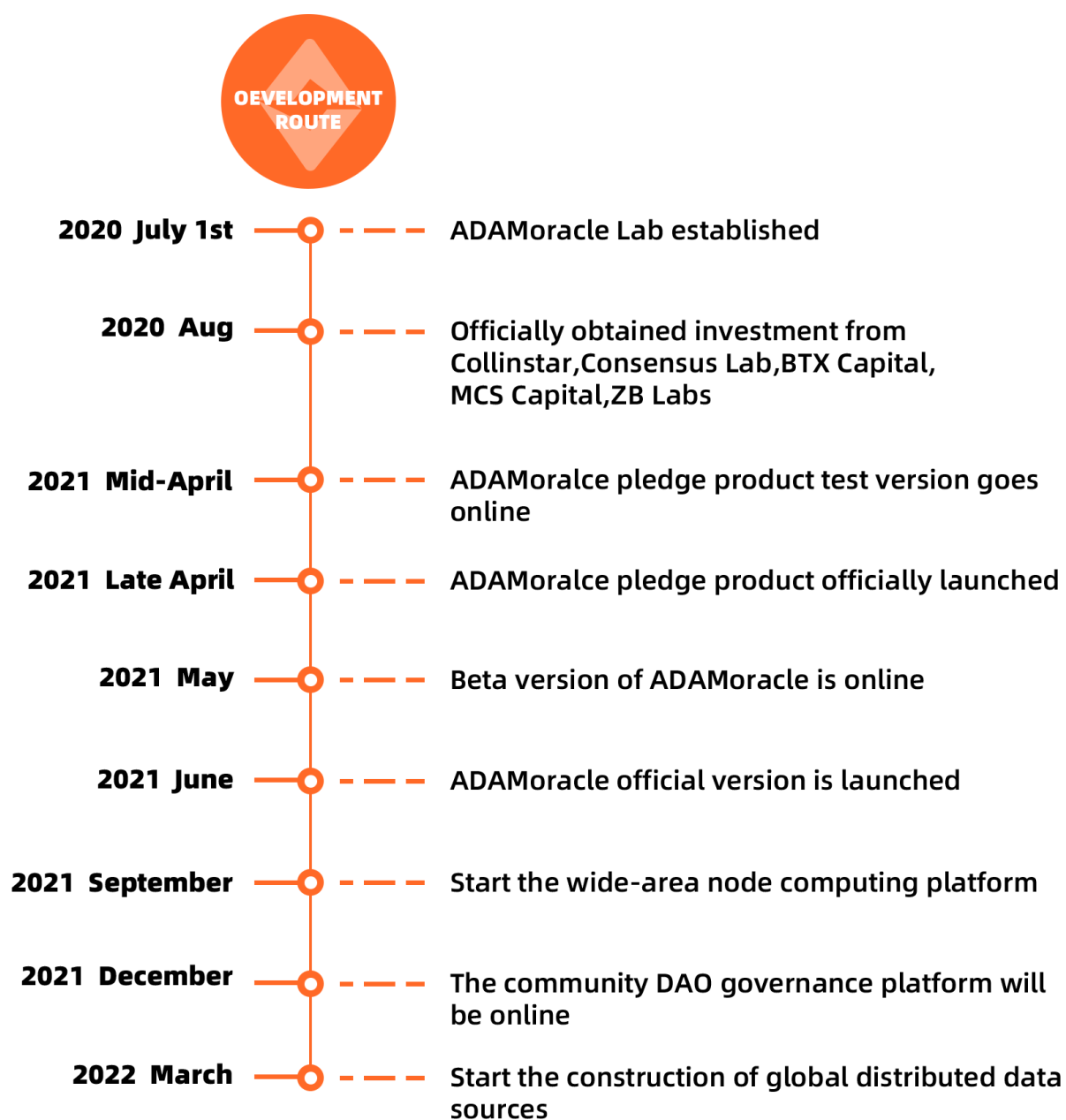


5.3 Incentive Mechanism of ADAM

ADAMOracle motivates the data providers by paying ADAM that is the providers who continuously provide the effective data will continually get the rewards of ADAM. At the same time, the data users need to pay a certain amount of ADAM, thus the virtuous circle is formed.



6 PROJECT DEVELOPMENT ROUTE





7 TEAM BACKGROUND

7.1 Team Introduction

ADAM Oracle team is composed of early partitioners in the blockchain industry, and they have successful experience in the fields of blockchain, artificial intelligence, and big data.

Team members have rich practical experience in business model construction, product design, technology implementation, market operation, etc.



Ahmed Ebrahim

Founder and CEO

MBA in international finance and investment and has a deep understanding of financial planning, accounting, analysis and investment. In 2018, he was awarded by National Development Bank, and successfully invested in plenty of blockchain projects.

Michael Clare

CSO of Global Market

Economist at the Ministry of Finance for The Bahamas, ambassador of Global Blockchain Business Council (GBBC), Master of Science degree in Digital Currency from the University of Nicosia. Expert in cryptocurrency and digital asset.





Christopher Quet

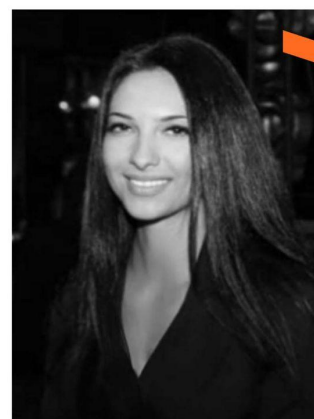
Co-founder and CMO

Graduated from the University of Lyon, France, majoring in international trade. 22 years of working experience, conduces business cooperation in more than 80 countries, and successfully operated well-known storage projects and have customers all over the world

Olga Petrovska

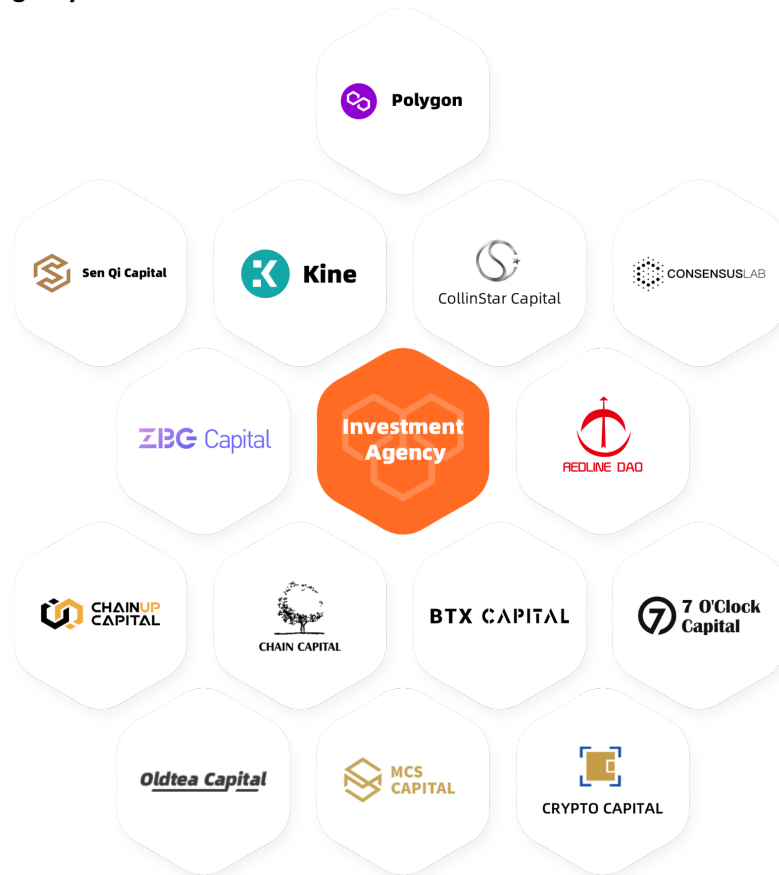
Co-founder and COO

Majored in English and literature at Uman National Language University. She has been working at multinational enterprises in the United States for many years, then studied blockchain in the United Arab Emirates for eight years, and became an expert in blockchain-related projects.





7.2 Investment Agency





8 RISK AND DISCLAIMER

8.1 Disclaimer

All the text materials, pictures, signs, technical analysis, time estimation, links, and references (hereinafter referred to as “materials”) used in this white paper are only for your reference. The materials used in this white paper will be modified at any time. Although every effort has been made in this white paper to ensure the accuracy of the information, this white paper does not contain any express or implied guarantees that all the information is accurate. We are not responsible for any errors or omissions of this white paper.

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8.3 Risks

This white paper does not give any form of investment advice and does not interfere with the decision of potential holders of ADAM. There is no guarantee of anyone’s profit.

ADAM is a long-term investment tool, with the main functions to give the rights to participate in the project for token holders. ADAM is different from the financial instruments that can provide fixed income expectations such as bank savings and bonds. Holding the token maybe can get the income from investment, but maybe need to bear the losses caused by fund investment.

The token may be faced with various risks in the process of investment operation, including market risk, management risk, technical risk and compliance risk of the project itself. The market situation of the token will never be rising all the time, and there will be investment risk while there is investment income. You should make an objective judgment on your own economic and psychological capacity before the operation, make careful decisions on the number of funds invested by yourself. And we will not assume any responsibility for any loss caused by reading this white paper.

The token market is a market where the risk exists all the time. You may make a profit when investing in the token, and you also have risks of loss. This white paper cannot reveal the whole conditions of all risks and trading pairs involved in the token investment. You must have a clear understanding of this,



and carefully consider whether to invest in the ADAMOracle project.

8.4 Limitation of liability

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This white paper reserves the right to update at any time with or without prior notice. Any changes will take effect immediately when they are published on the official website of the project. Please pay attention to the project, at the same time, please be sure to check this disclaimer. If the investors decide to participate in the ADAMOracle project, it is considered that they have already read and approved all contents of this whitepaper.