Scallop White Paper 1.0.8

Scallop Team

August 2021

Contents

1. Disclaimer

"Scallop whitepaper" is strictly intended for informational purposes only, it is neither an offer document nor investment suggestions nor an invitation to invest in the Scallop project or mentioned projects or any of their products (or associated products) or services.

2. Preface

Defi technology has been growing really fast since 2014 when Ethereum was borned. In 2020, many Defi projects were announced and it affected the financial concept of all humans.

Meanwhile on-chain collectibles and NFTs walk into people's lives too, they can be used to represent items such as photos, videos, audio, and other types of digital files. There are huge potentials in the usages of on-chain collectibles in many aspects, but only a few projects are trying to achieve it.

In 2021, people only see numbers on most of Defi projects, it's hard to make app stickiness, make us want to make a product which users will usually visit, we think we can build a no-loss lottery plus gaming project, because there are only a few no-loss lottery projects on blockchain, and with gaming experience, it will let users always want to visit our app.

Most of the NFTs and on-chain collectibles projects we've seen on blockchain, they only have pictures or GIFs, you only can see it in your wallet and on their site. We think we can create a project which will not only show on-chain collectibles we minted but also show some from other projects, to make them more valuable and Interact with our game.

We choose Solana because Solana is a super fast, high security, composability and decentralized blockchain and our team think Solana will be a world computer and be a part of all humans life, just like we are all the witness of how internet entered our world, and it had changed everything.

3. What is Scallop?

Scallop is a Defi game on Solana, users can stake their tokens to grow scallops in Scallop tank.

At the end of each week, one (or a few) of winners chosen by program randomly will share out some Scallop token (SCA) with the same value of staking reward, 7% of staking reward will be kept in the staking pool, 93% will be SCA buyback.

During the game users can win Scallop Decorations by carrying out some tasks✨!
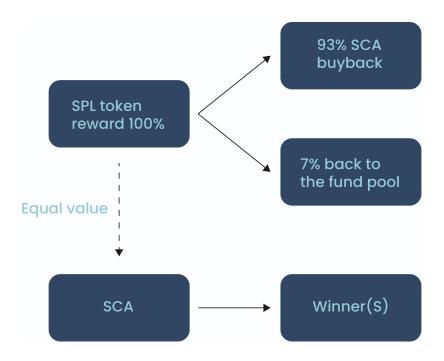
4. Rules

4.1. Rules 📋

Users can stake tokens to get a scallop to grow at Scallop tank, after staking over 7 days, users will have the qualification of harvesting.

Every Friday 20:00 (GMT+8) will be the harvest time.

After harvesting, one (or a few) of winners chosen by program randomly will get Scallop token (SCA) with the same value of staking reward, 7% of staking reward will be kept in the staking pool and 93% will be SCA buyback.

There will be different tiers and address limits and different SPL token of pools to let users to stake tokens, ex:

- 10 SOL/1000 address.
- 10 RAY/1000 address.
- 100 SOL/100 address.

You can see where the funds will go on the front-end, our program will use the fund of pools to earn rewards by:

- Stake SOL on Solana Validator.
- Stake SPL tokens.
- Lend to some lending projects.
- Join some liquidity mining pool.

Notice 🔍 :

- If users keep staking, they can harvest every week.
- We are going to invoke **Switchboard VRF** for choosing winners.

4.2. Tasks 🏅

During the game users can carry out some tasks to win something because we won't let users join us for a month with nothing, and this will also make app stickiness also make users love to stake their tokens at Scallop.

Users can carry out some tasks like:

- Join 10 SOL pools over a month.
- Stake more than 10K SCA over two weeks.
- Offer $100 values to SCA/USDC Liquidity pools over a month.

To win:

- Scallop Decorations
- Extra SPL tokens
- SCA
- NFTs

There will be 2 ~ 3 tasks that will be parallel at the same time.

Extra SPL token rewards will be the token minted by partnership projects, most of them might be meme tokens, these are projects we want to have partnership for the extra SPL token rewards:

- **Shoebill coin**
- **CATO**
- **Samoyedcoin**
- **Moonlana**

We will use SCA or Scallop Decorations to trade their tokens or NFTs.

5. Earn

There will be slide bars to let users choose which pool they can join and earn rewards, we will have 3 ways to use the fund to earn rewards.

5.1. Staking

At the beginning our project will choose staking SOL to earn rewards, because SOL is the native token on Solana, to be more decentralized, we will not keep using the same Solana validator, we are also planning to set up our own Solana Validator in the future.

We might use these SOL staking projects:

- **Marinade (Priority)**
- **Steaking.io**
- **Scallop Staking Program**

We will also let users to stake some SPL tokens which theirs mother project have staking program for their native token to earn rewards, like the projects listed below:

- **Raydium**
- **Parrot**

5.2. Lending

We will also use lending projects to earn rewards, these are some great lending projects, we might choose tokens like USDC(srm) or wETH for lending because they have more users:

- **Acumen**
- **Mango Markets**
- **SolFarm**
- **Solend**

5.3. Liquidity Mining

We will also join liquidity pools to earn rewards, but there will be impermanent loss during liquidity mining, so we put them thirdly.

Liquidity mining projects:

- **Orca**
- **Serum**
- **Raydium**
- **Saber**

6. Scallop Decorations

6.1. What are Scallop Decorations?

In Scallop, if your address has some tokens , no matter these are Fungible Tokens or Non-Fungible Tokens (NFTs) which we listed, you can call them Scallop Decorations, it will be shown at Scallop tank and Interact with our game, which means **you can call Scallop a small on-chain collectibles ecosystem**.

We think this will be one of the most attractive models of our project, we can make many on-chain collectibles not only minted by us more useful and valuable.

The goal of Scallop Decorations will be On-chain collectibles, we want users to love collecting them like collecting Yugioh Cards, and holding some kinds of Scallop Decorations will have some benefit in Scallop app.

How do users get them:

- Carry out tasks in Scallop.
- We will give them away in some events in our community.
- Users might get them in events which are hosted by our friendship projects.
- Buy them on **Serum** DEX UI.
- There will be a **Decorations Market** (Q2 2022).

Users can check the details of all Scallop Decorations on Solana Explorer and some kinds of Scallop Decorations are unlimited but we won't mint it without any announcement, unlimited Scallop Decorations might be limited in the future.

6.2. Usage

- Make your Scallop tank more beautiful and colorful .
- There will be an **Illustrated book** of Scallop Decorations.
- Holding some kinds of Scallop Decorations might let you get more extra tokens in events or staking pools.
- We will note some trivia next to Scallop Decorations.

6.3. Minted by Us

6.3.1. Seagrass

Seagrass can reach heights of 200 feet (60m), which is as tall as a 20-story building🏢.

Address : SeawdHf3NHG6gxCrezQxr5oJAHTLJd6JsQxxd144yaz
Symbol : Seagrass
Name : Scallop Seagrass Decorations
Decimals : 0
Supply : 338 (Unlimited)
Rarity : ★☆☆☆☆

We gave them to the addresses which voted us over 2 USDC at Solana Hackathon Asia.

6.3.2. Scallop Fossil 🗿

There were archaeologists found Scallop fossils on Mount Everest🏔️!

Serum Market ID (Fossil/USDC):
NF5PoXovc9wpWMPMrGeCQSmJRAEEUFCR3UZGVHTonf9
Address : FossiLkXJZ1rePN8jWBqHDZZ3F7ET8p1dRGhYKHbQcZR
Symbol : Fossil
Name : Scallop Fossil Decorations
Decimals : 0
Supply : 400 (Limited)
Rarity : ★★★★★

We gave them to the addresses which are the first batch of Seaweed holders.

6.4. Minted by Our Friends

We will not only list tokens minted by us, we would also want to list tokens from other projects like **Orca Collectibles** minted by **Orca**.

(Coming soon.)

6.5. NFTs Decorations

We will mint NFTs (Non-Fungible tokens) by using **Metaplex**, and they are going to be Scallop Decorations too, like Scallop Hermit Crab NFTs. Total supply of each Scallop NFTs Decorations will be limited, we will sell them or let users bid them, part of income will be SCA buyback.

(Coming soon.)

6.6. Decorations Eggs (Gashapon system)

This is the first Gashapon system on Solana, users can buy Scallop Decorations Eggs to get random Scallop Decorations or Scallop NFTs Decorations, we will announce how many kinds and the amount of Scallop Decorations are in the Scallop Decorations Eggs which user might get.

Scallop Decorations Eggs only be sold during some events and it will be limited, we will sell them or let users bid them, part of income will also be SCA buyback.

7. Scallop Token (SCA)

7.1. Overview

(We haven't mint SCA yet)

Address : ScaLLop11111111111111111111111111111111111
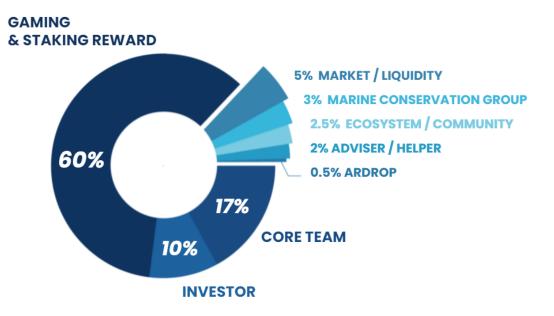Symbol : SCA
Name : Scallop token
Decimals : 6

We won't mint all of the SCA token at the beginning of SCA token launch, but it will be fixed supply in the future, it will be a deflationary SPL token that runs on Solana blockchain.

We will divide all of SCA token to 8 parts:

- Gaming & Staking Reward
- Investors
- Core Team
- Market / Liquidity
- Adviser / Helper
- Marine Conservatio Group
- Ecosystem / Community
- Airdrop

7.2. Model

ALLOCATION	PERCENTAGE	NUMBER OF TOKENS
GAMING & STAKING REWARD	60.00%	144,000,000
INVESTORS	10.00%	24,000,000
CORE TEAM	17.00%	40,800,000
MARKET / LIQUIDITY	5.00%	12,000,000
ADVISER / HELPER	2.00%	4,800,000
MARINE CONSERVATIO GROUP	3.00%	7,200,000
ECOSYSTEM / COMMUNITY	2.50%	6,000,000
AIRDROP	0.50%	1,200,000
TOTAL	100.00%	240,000,000

7.2.1. Gaming & Staking Reward

Gaming + Staking Reward = 60% of total supply.

**60%
Gaming & Staking**

20% will be minted at the beginning.
10% will mint and send to the on-chain
program quarterly for 2 years.

Staking Reward ≈ 30% of total supply.

All the staking addresses will share out the SCA staking reward daily.
The amount of daily reward times 365, will be 10% of the SCA Staking
Reward that haven't been minted.

Gaming Reward ≈ 30% of total supply.

20% of Gaming Reward will be minted at the beginning,10% will be
minted and sent to the on-chain program quarterly for 2 years.
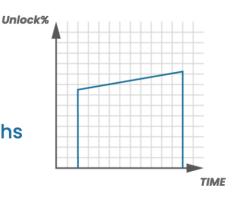
We will use part of Gaming Reward to trade tokens with other projects,
for the extra token reward of tasks in Scallop.

7.2.2. Investors & Core Team

10%   **17%**
Investor   **Core Team**

Locked on-chain with a cliff of 6 months
and 3 year linear unlocking.

Investors

Seed round (20%) Q3 2021

- 4,800,000 SCA = 960,000 USDC (SCA/USDC $0.2)

Angel round (20%) Q4 2021

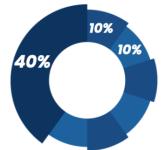- 4,800,000 SCA = 2,400,000 USDC (SCA/USDC $0.5)

A round (20%) Q3 2022

- 4,800,000 SCA

Reamin (40%)

- 9,600,000 SCA

7.2.3. Market / Liquidity

5% Market / Liquidity

40% will be minted at the beginning.
10% will join the market quarterly for one and a half year.

After seed round, Market presale 20% will be on IDO platform at Q3 2021.

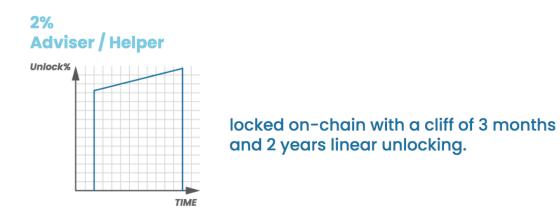- Presale 2,400,000 SCA = 720,000 USDC (SCA/USDC 0.3)

20% for Liquidity pool will be 720,000 USDC + 2,400,000 SCA.

Market /Liquidity 10% (1,200,000 SCA) will join the market quarterly.
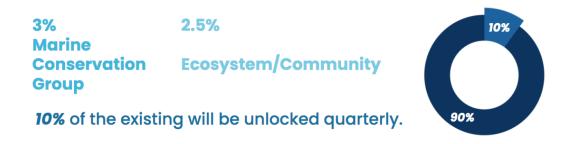
Solana IDO platform we might use:

- **Raydium**
- **Solster**
- **SolPAD**
- **Solanium**
- **BocaChica**
- **Solcubator**

7.2.4. Adviser / Helper

2%
Adviser / Helper

locked on-chain with a cliff of 3 months and 2 years linear unlocking.

7.2.5. Marine Conservatio Group & Ecosystem / Community

3%
Marine Conservation Group

2.5%
Ecosystem/Community

10% of the existing will be unlocked quarterly.

1/5 supply of "Ecosystem / Community 2.5%" = 0.5% of token supply (1200000 SCA) will be given away to Scallop Moderators (Release quarterly).

7.2.6. SCA Airdrop

0.5% or SCA token supply (1200000 SCA) are for airdrop to users, we planned to have 2 times airdrop.

0.5% Airdrop

50% 50%

We will mint 50% at Q3 2021, another 50% will be minted at Q1 2022.

First Airdrop

First SCA airdrop will be at Q3 2021 (Share out 600,000 SCA).

The targets will be every address stake SOL at our program, the address which also has Scallop Fossil Decorations can get 50% bonus.

Second Airdrop

Second SCA airdrop at Q1 2022 (Share out 600,000 SCA).

The targets will be every address holding Scallop NFTs Decorations and Scallop Fossil Decorations.

7.3. Buyback

SCA is a deflationary token, SCA buyback will be quarterly:

- 93% of staking reward at Scallop pool.
- Part of income of Scallop NFTs Decorations.
- Part of income of Scallop Decorations Eggs.

7.4. Token Utility

7.4.1 Voting

SCA token is designed to shift towards governance, we are focusing on some interesting voting projects on Solana, once ready, we will shift governance to token holders.

This will allow holders to vote on some subject like：

- Treasury Usage
- Scallop Improvements
- Set up new SPL token tank

7.4.2 Liquidity Mining

Offer liquidity to SCA/USDC, SCA/SOL liquidity pools setted by these project:

- **Orca**
- **Serum**
- **Raydium**
- **Saber**

7.4.3 Staking

Staking is an easy way to earn more SCA for SCA holders, users can choose different locked day limits for bonuses:

- No limit - 0% bonus
- 15 days - 10% bonus
- 30 days - 20% bonus
- 60 days - 30% bonus

7.4.4 Shopping

Users can buy some kinds of Scallop Decorations with SCA token.

8. Road Map 🗺️

8.1. Q2 2021

Scallop Born🎂

Solana Hackathon💪🏽 (**16th Place at Solana Hackathon Asia 2021.**)

- Solana Hackathon Global
- Solana Hackathon Asia

First Scallop Decorations (Seagrass🌱)

8.2. Q3 2021

Scallop Fossil 🗿

SCA Airdrop 💸

Scallop on Test-net

SCA Token

8.3. Q4 2021

Scallop on Main-net 🚀

SCA Staking

SCA Swap, Liquidity Pools

- We will use **Orca**, **Serum** or **Raydium**.

Scallop Nautilus (Bidding)

- Using **Metaplex**.

8.4. Q1 2022

Scallop NFTs Decorations

- Using **Metaplex**.

SCA airdrop 2 💸

Scallop Shop

- Scallop T-shirt, cup.

8.5. Q2 2022

Vote with SCA

- We will invoke **"Solana的二次方投票"** by **Dorahacks**.

Decorations Market

- Using **Metaplex**.

Decorations Illustrated Book

Scallop Decorations Eggs 🥚

- Will Invoke **Switchboard VRF**.