



DXLaunch User Guide

Beta v1.0

Prologue:

You want to launch a crowdfunding event for your company with a standard ERC-20 token created for you by the [DxSale.app](https://dxsale.app).

You can use the [DXLaunch](#) section of dxsale.app to create your presale whenever you want. Uniswap listing and governance can also be done to ensure your investors that they are investing in the right company, your company.



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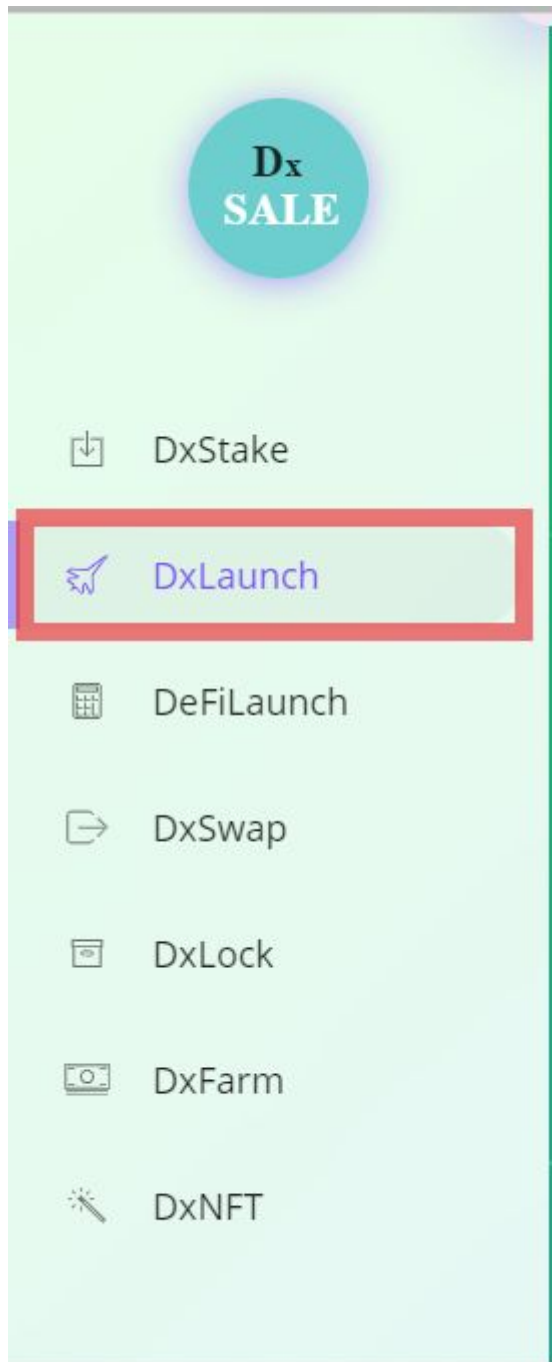
[4.1 Finalize Presale and Finalize Governance](#)

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1. Selecting DxLaunch

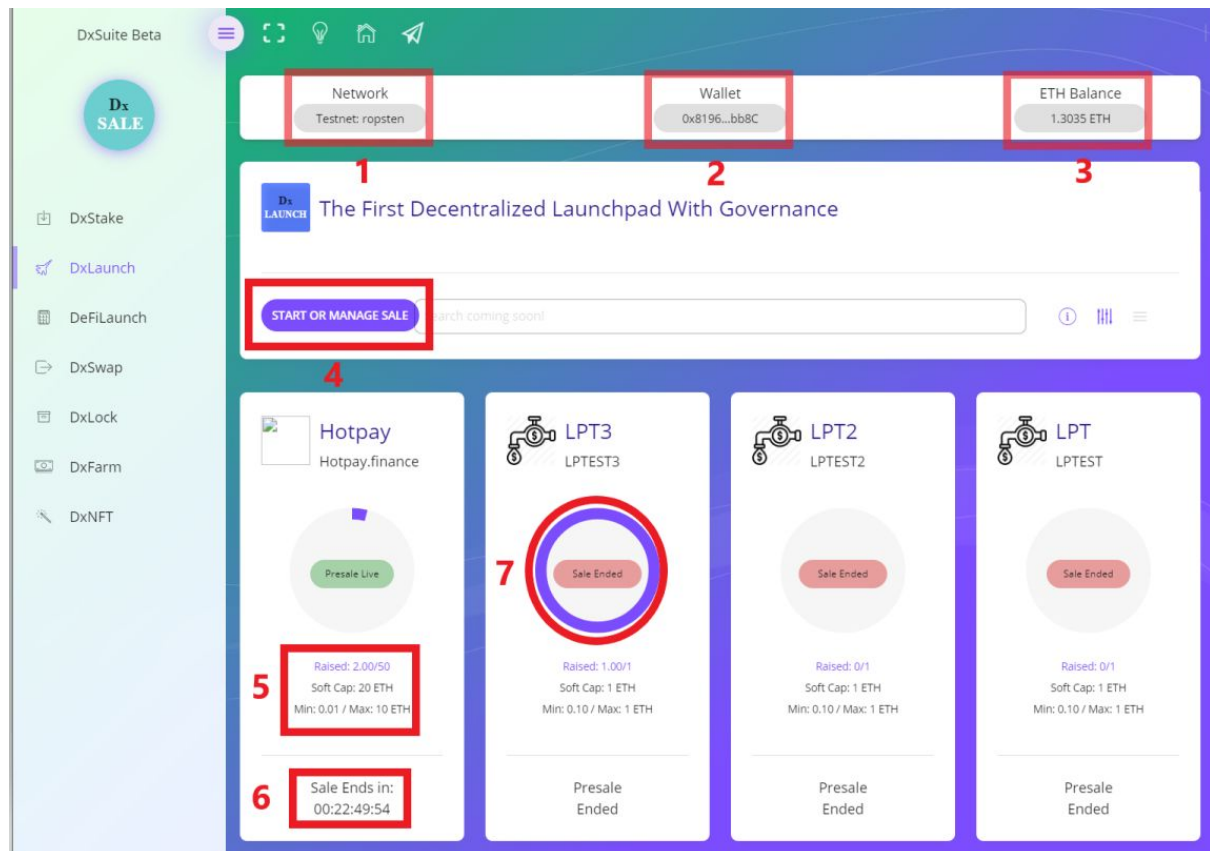
Click DXLaunch on the sidebar of dxsale.app as indicated by the red highlight



This tutorial expands upon the DxLaunch section of DxSale.app. For tutorials on DefiLaunch, DxStake, DxSwap, DxLock, DxFarm and DxNFT, please visit dxsale.app for respective user guides.

2. DxLaunch Dashboard

You will be greeted on to the DxLaunch dashboard



DxLaunch Graphical User Interface breakdown

1. Network that you are connected with is displayed in this section. You can change your network by switching networks from your wallet such as Metamask. You can see the change of networks reflected onto this section.
2. The wallet that you are connected with is displayed in this section. You can change your wallet and see the change of wallets reflected onto this section.
3. You can see your current ETH balance reflected on this section on the network and on the wallet address that you used to connect to DxSale.app
4. This is the “Start or Manage Sale” button used to **Create a TokenSale (Step 3)** or **Manage a TokenSale (Step 4)**.
5. This section displays your company’s presale information such as Current Crowdfunding raised, soft cap of your crowdsale, and Minimum/Maximum contribution limits per crowdsale participant.
6. This section shows a timer for when presale starts, presale ends, governance starts, and governance ends.
7. This circular graphic is a clickable entity that expands and shows more details of your company’s crowdsale. The circular graphic also shows the amount of funding raised during your crowdsale period.

3. Create a TokenSale

After clicking Start or Manage Sale, if you did not create a token sale using the connected wallet, you will land on this token sale page. If you have created a token sale using current wallet, use another wallet to be able to create a token Sale

3.1 Token Name

Enter Token name into the first text box as shown below. This section cannot be left blank. Choose your token name carefully. You can edit each of the sections before submitting the presale to your liking.

The screenshot displays the 'Createsale' interface. At the top, there is a green header with a hamburger menu icon and the text 'Createsale'. Below the header, a red rectangular box highlights the first step of the form, '1 Token Name'. This step includes the instruction 'Enter the full name of your token below:' and a text input field with the placeholder text 'Ex. DxSale'. Below the input field are two buttons: 'BACK' and 'NEXT'. To the left of the main form area is a vertical list of 13 steps, each with a numbered circle and a label: 1 Token Name, 2 Token Symbol, 3 Team Tokens, 4 Team Addresses, 5 Presale Rate, 6 Soft/Hard Cap, 7 Contribution Limits, 8 Uniswap Liquidity, 9 Uniswap Rate, 10 Governance Percentage, 11 Additional Information, 12 Timings, and 13 Finalize. The 'Token Name' step is currently selected and highlighted. At the bottom left of the interface, the URL 's/createsale' is visible.

3.2 Token Symbol

Enter your Token Symbol into the 2nd textbox as shown below. Token Symbols do not include symbols or special characters that are not permissible during token creation in the ERC-20 blockchain.

The screenshot displays the 'Createsale' interface with a vertical progress bar on the left containing 13 steps. Step 2, 'Token Symbol', is highlighted with a red border. The main content area for step 2 includes a heading 'Token Symbol', a sub-heading 'Enter the token symbol for your token:', a text input field with the placeholder 'Ex. SALE', and two buttons at the bottom: 'BACK' and 'NEXT'.

Createsale

1 ✓ Token Name

2 Token Symbol

Enter the token symbol for your token:

Ex. SALE

BACK NEXT

3 Team Tokens

4 Team Addresses

5 Presale Rate

6 Soft/Hard Cap

7 Contribution Limits

8 Uniswap Liquidity

9 Uniswap Rate

10 Governance Percentage

11 Additional Information

12 Timings

13 Finalize

3.2 Team Tokens

Choose the number of wallets that you want to have team funds into. The team funds can be used for anything such as marketing, team salary etc. Each wallet can be assigned a specific value of token.

The screenshot shows the 'Createsale' interface with a vertical progress bar on the left. The current step is '3 Team Tokens', which is highlighted with a red border. The progress bar shows steps 1 through 12, with steps 1 and 2 completed (indicated by checkmarks) and steps 3 through 12 pending (indicated by numbers). The 'Team Tokens' step includes a text instruction: 'Select the number of wallets that will have reserved tokens then enter the amount of tokens (Positive whole numbers). These can include team funds, marketing funds, future release funds or other uses like Staking pool funds. (For projects with no reserved tokens set number of wallets to Zero)'. Below this instruction is a dropdown menu labeled '# Wallets' with 'Zero Wallets' selected. At the bottom of the step are 'BACK' and 'NEXT' buttons. The other steps in the progress bar are: 4 Team Addresses, 5 Presale Rate, 6 Soft/Hard Cap, 7 Contribution Limits, 8 Uniswap Liquidity, 9 Uniswap Rate, 10 Governance Percentage, 11 Additional Information, and 12 Timings.

Createsale

✓ Token Name

✓ Token Symbol

3 Team Tokens

Select the number of wallets that will have reserved tokens then enter the amount of tokens (Positive whole numbers). These can include team funds, marketing funds, future release funds or other uses like Staking pool funds. (For projects with no reserved tokens set number of wallets to Zero)

Wallets
Zero Wallets

BACK NEXT

4 Team Addresses

5 Presale Rate

6 Soft/Hard Cap

7 Contribution Limits

8 Uniswap Liquidity

9 Uniswap Rate

10 Governance Percentage

11 Additional Information

12 Timings

atesale

3.2.1 Team token Example

In the following example, it shows two team fund wallets were chosen (highlighted with the two red boxes).

The two team fund wallets have their own number of tokens allocated (20,000 for Wallet #1, and 30,000 tokens for Wallet #2). These tokens will be generated by dxLaunch’s token deployer and automatically filled into those wallets.

3 Team Tokens

Select the number of wallets that will have reserved tokens then enter the amount of tokens (Positive whole numbers). These can include team funds, marketing funds, future release funds or other uses like Staking pool funds. (For projects with no reserved tokens set number of wallets to Zero)

Wallets

Two Wallets

Tokens for Wallet # 1

20000

Tokens for Wallet # 2

30000

BACK

NEXT

Furthermore, you can choose upto 10 wallets with custom amount of tokens dedicated for your usage.

Createsale

✓ Token Name

✓ Token Symbol

3 Team Tokens

Select the number of wallets that will have reserved tokens then enter the amount of tokens (Positive whole numbers). These can include team funds, marketing funds, future release funds or other uses like Staking pool funds. (For projects with no reserved tokens set number of wallets to Zero)

Zero Wallets

One Wallet

Two Wallets

Three Wallets

Four Wallets

5 Five Wallets

6 Six Wallets

7 Seven Wallets

Eight Wallets

Nine Wallets

Ten Wallets

3.3 Team Addresses

If you choose to have wallets for your team tokens, you must provide team wallet addresses. Following from the previous example with two team wallets, there are two text boxes that are generated for the two wallet addresses. You can use the **same wallet address** across all the team wallets if you wish.

Createsale

Disclaimer: This process is entirely decentralized, we cannot be held responsible for incorrect entry of information. Please ensure you enter all your details to the best accuracy possible.
Also please note this is a beta version. It has been tested thoroughly by our team and community, but we cannot guarantee there will be no bugs. Use at your own risk!

If you are looking to use your own custom token or have more flexibility in settings please visit the [DeFiLaunch](#) section instead.

✓ Token Name

✓ Token Symbol

✓ Team Tokens

4 Team Addresses

Enter the respective wallets the tokens from the previous step should be stored in.

Address for Wallet # 1

Address for Wallet # 2

BACK

NEXT

5 Presale Rate

6 Soft/Hard Cap

7 Contribution Limits

8 Uniswap Liquidity

9 Uniswap Rate

10 Governance Percentage

3.4 Presale Rate

This section determines how many of your tokens can be bought for 1 ETH.
For example, if you put “500” , then during presale - if anyone contributes 1 ETH, they will get 500 tokens.

Createsale

Disclaimer: This process is entirely decentralized, we cannot be held responsible for incorrect entry of information. Please ensure you enter all your details to the best accuracy possible.
Also please note this is a beta version. It has been tested thoroughly by our team and community, but we cannot guarantee there will be no bugs. Use at your own risk!

If you are looking to use your own custom token or have more flexibility in settings please visit the [DeFiLaunch](#) section instead.

✓ Token Name

✓ Token Symbol

✓ Team Tokens

✓ Team Addresses

5 Presale Rate

6 Soft/Hard Cap

7 Contribution Limits

8 Uniswap Liquidity

9 Uniswap Rate

10 Governance Percentage

Enter your presale price in ETH: (If I pay 1 ETH, how many tokens do I get?)

BACK NEXT

3.5 Soft/Hard Cap

This determines the minimum and maximum amount of ETH that you want to raise using your token during your presale.

Soft cap determines the minimum amount of ETH that you want to raise to have a successful Presale. If **Soft Cap is not reached**, the ETH is returned to the contributors.

Hard cap determines the maximum amount of ETH that you want to raise.

The screenshot shows the 'Createsale' dashboard with a vertical list of 13 steps on the left. Steps 1 through 5 are completed, indicated by checkmarks. Step 6, 'Soft/Hard Cap', is the current step and is highlighted with a red border. Steps 7 through 13 are not yet completed. The main content area for step 6 contains instructions: 'Enter your desired softcap and hardcap: (Must be whole numbers with no decimal places. For example soft cap cannot be 0.5 ETH it must be at least 1 ETH. Hardcap cannot be 10.5 ETH it must be 10 ETH)'. Below this are two input fields: 'Soft Cap:' with a placeholder 'Soft Cap ex. 20' and 'Hard Cap:' with a placeholder 'Hard Cap ex. 100'. At the bottom of the step are 'BACK' and 'NEXT' buttons.

Createsale

- ✓ Token Symbol
- ✓ Team Tokens
- ✓ Team Addresses
- ✓ Presale Rate
- 6 Soft/Hard Cap**
Enter your desired softcap and hardcap: (Must be whole numbers with no decimal places. For example soft cap cannot be 0.5 ETH it must be at least 1 ETH. Hardcap cannot be 10.5 ETH it must be 10 ETH)
Soft Cap: Soft Cap ex. 20
Hard Cap: Hard Cap ex. 100
BACK NEXT
- 7 Contribution Limits
- 8 Uniswap Liquidity
- 9 Uniswap Rate
- 10 Governance Percentage
- 11 Additional Information
- 12 Timings
- 13 Finalize

3.6 Contribution Limits

This is the minimum and maximum contribution limit for the presale contributors. You can use this to limit the minimum or maximum amount of ETH a person can contribute to your presale.

The screenshot displays the 'Createsale' interface with a vertical progress bar on the left. The steps are: 1. Token Name, 2. Token Symbol, 3. Team Tokens, 4. Team Addresses, 5. Presale Rate, 6. Soft/Hard Cap, 7. Contribution Limits (highlighted with a red border), 8. Uniswap Liquidity, 9. Uniswap Rate, 10. Governance Percentage, 11. Additional Information, 12. Timings, and 13. Finalize. Step 7, 'Contribution Limits', is the active step. It contains the instruction 'Enter the minimum and maximum amounts each wallet can contribute: (min,max)'. Below this, there are two input fields: 'Minimum Contribution Limit:' with a placeholder 'Minimum contribution Ex. 0.1' and 'Maximum Contribution Limit:' with a placeholder 'Maximum contribution Ex. 10'. At the bottom of the step, there are 'BACK' and 'NEXT' buttons.

Createsale

- ✓ Token Name
- ✓ Token Symbol
- ✓ Team Tokens
- ✓ Team Addresses
- ✓ Presale Rate
- ✓ Soft/Hard Cap
- 7 Contribution Limits**
Enter the minimum and maximum amounts each wallet can contribute: (min,max)

Minimum Contribution Limit: Maximum Contribution Limit:

BACK NEXT
- 8 Uniswap Liquidity
- 9 Uniswap Rate
- 10 Governance Percentage
- 11 Additional Information
- 12 Timings
- 13 Finalize

3.7 Uniswap Liquidity

This determines the amount of funds collected during your crowdsale/presale to be used for adding liquidity to the uniswap exchange. The minimum dxLaunch allows is 30%, however for the best interest of contributors, we recommend greater than 50%

The screenshot shows a multi-step form titled 'Createsale'. A vertical progress bar on the left lists steps 1 through 13. Steps 1 through 7 are marked with a checkmark, indicating they are completed. Step 8, 'Uniswap Liquidity', is the current step and is highlighted with a red rectangular border. It contains a text input field with the placeholder 'Ex. 60' and two buttons: 'BACK' and 'NEXT'. Steps 9 through 13 are listed below but are not yet completed.

Createsale

- ✓ Token Name
- ✓ Token Symbol
- ✓ Team Tokens
- ✓ Team Addresses
- ✓ Presale Rate
- ✓ Soft/Hard Cap
- ✓ Contribution Limits
- 8 Uniswap Liquidity**
Enter the percentage of raised funds that should be allocated to Liquidity on Uniswap (Min 30% but we recommend > 50%)

BACK NEXT
- 9 Uniswap Rate
- 10 Governance Percentage
- 11 Additional Information
- 12 Timings
- 13 Finalize

3.8 Uniswap Rate

This step is for Uniswap rate - this is the starting rate at which your tokens will be sold for at Uniswap post crowdsale. A common practice is to have a lower rate than presale rate for presale contributor advantage.

The screenshot shows a web form titled "Createsale" with a vertical list of steps on the left. The steps are: Token Name, Token Symbol, Team Tokens, Team Addresses, Presale Rate, Soft/Hard Cap, Contribution Limits, Uniswap Liquidity, Uniswap Rate (highlighted with a red box), Governance Percentage, Additional Information, Timings, and Finalize. The "Uniswap Rate" step is currently active and contains the following text: "Enter the uniswap listing price in ETH: (If I buy 1 ETH worth on Uniswap how many tokens do I get? Usually this amount is lower than presale rate to allow for a higher listing price on Uniswap)". Below this text is a text input field with the placeholder "Ex. 400". At the bottom of the form, there are two buttons: "BACK" and "NEXT".

Createsale

- ✓ Token Name
- ✓ Token Symbol
- ✓ Team Tokens
- ✓ Team Addresses
- ✓ Presale Rate
- ✓ Soft/Hard Cap
- ✓ Contribution Limits
- ✓ Uniswap Liquidity
- 9 Uniswap Rate**
Enter the uniswap listing price in ETH: (If I buy 1 ETH worth on Uniswap how many tokens do I get? Usually this amount is lower than presale rate to allow for a higher listing price on Uniswap)

BACK NEXT
- 10 Governance Percentage
- 11 Additional Information
- 12 Timings
- 13 Finalize

3.9 Governance Percentage

This is the beta version of DxLaunch Governance feature. This is to release a portion of the funds by crowdsale participant voting. You can choose to have no governance; however, if you want to reassure your contributors you can have a percentage of your funds go into governance.

If you are using Governance, the governance percentage can be no more than the following equation: **Governance percentage \leq (95% - uniswap percentage)**

The screenshot displays the 'Createsale' interface with a vertical progress bar on the left. The steps are: Token Symbol, Team Tokens, Team Addresses, Presale Rate, Soft/Hard Cap, Contribution Limits, Uniswap Liquidity, Uniswap Rate, Governance Percentage (highlighted with a red box), Additional Information, Timings, and Finalize. The 'Governance Percentage' step is active, showing a text input field with the placeholder 'Ex. 50' and a 'NEXT' button. The text above the input field reads: 'Enter the percentage of raised funds that will be locked in governance; (Type 0 if you want all funds up front with no governance, participants will be warned of no governance) These are a portion of your funds that will not be available right away and will require voting to release on the designated vote date'.

Createsale

- ✓ Token Symbol
- ✓ Team Tokens
- ✓ Team Addresses
- ✓ Presale Rate
- ✓ Soft/Hard Cap
- ✓ Contribution Limits
- ✓ Uniswap Liquidity
- ✓ Uniswap Rate
- 10 Governance Percentage**
Enter the percentage of raised funds that will be locked in governance; (Type 0 if you want all funds up front with no governance, participants will be warned of no governance) These are a portion of your funds that will not be available right away and will require voting to release on the designated vote date

BACK NEXT
- 11 Additional Information
- 12 Timings
- 13 Finalize

3.10 Additional information

You can include any additional information that you have for your token sale in this section.

Createsale

✓ Uniswap Rate

✓ Governance Percentage

11 Additional Information

Please fill out the additional information below to display it on your presale. (Information in this section is optional, but a description and logo link is recommended)

Note the information in this section can be updated at any time by the presale creator while the presale is active. Any links left blank will not be displayed on your sale.

Logo Link:

https://dxsale.network/assets/media/logolcon_256.png

Website Link:

https://dxsale.network

Github Link:

https://github.com/OpenZeppelin/openzeppelin-contracts

Twitter Link:

https://twitter.com/dxsale

Reddit Link:

https://reddit.com/r/cryptocurrency

Telegram Link:

https://t.me/dxsale

Extra Token Wallet Labels (Labels for each wallet entered in step 3. Must be comma separated for multiple labels):

TeamFunds,Marketing,Advisors

Project Description:

DxSale is a completely decentralized and permissionless launchpad with instant Uniswap Listing and liquidity locking!

Any update you want to provide to participants:

Join us on twitter for a special airdrop giveaway!

3.11 Timing

The timing section allows you to set your crowdsale/presale start and end time, governance time, Liquidity lock up time, and team funds unfreeze time.

Createsale

- ✓ Sold Hard cap
- ✓ Contribution Limits
- ✓ Uniswap Liquidity
- ✓ Uniswap Rate
- ✓ Governance Percentage
- ✓ Additional Information

12 Timings

Please set the start and end time for the following parameters!

Presale Start/End Time

Presale Start Time: 2020/12/31 01:52 AM

Presale End Time: 2021/01/01 03:52 AM

Liquidity Lockup Time

Liquidity Unlock Time: 2021/08/14 01:52 AM

Start and End time for Governance voting to Release Funds (Must be 24 hours apart at minimum)

Governance Start Time: 2021/01/02 04:52 AM

Governance End Time: 2021/01/04 01:56 AM

Team Funds Freeze Time

Freeze Time for Team Wallet #1: 2020/12/31 02:52 AM

Freeze Time for Team Wallet #2: 2020/12/31 03:52 AM

BACK FINISH

13 Finalize

3.11.1 Timing Rules

- Presale Start and End time must be 24 hours apart
- Governance Start Time must be 7 days after Presale End time
- Governance Start and End time must be 24 hours apart.
- Liquidity lock up time must be at least 3 months later from presale end time.
- Team Funds freeze time can be unfrozen anytime after Presale Start time.

3.12 Finalize and Submit

You can review and submit your crowdsale! You have the option to also go back and edit any of the previous steps as you like.

Createsale

✓ Additional Information

✓ Timings

13 Finalize

Review your details below then press submit to create your presale on the DxSale deployer! Or press edit to go back and edit information. Warning: once submitted this information can never be changed!

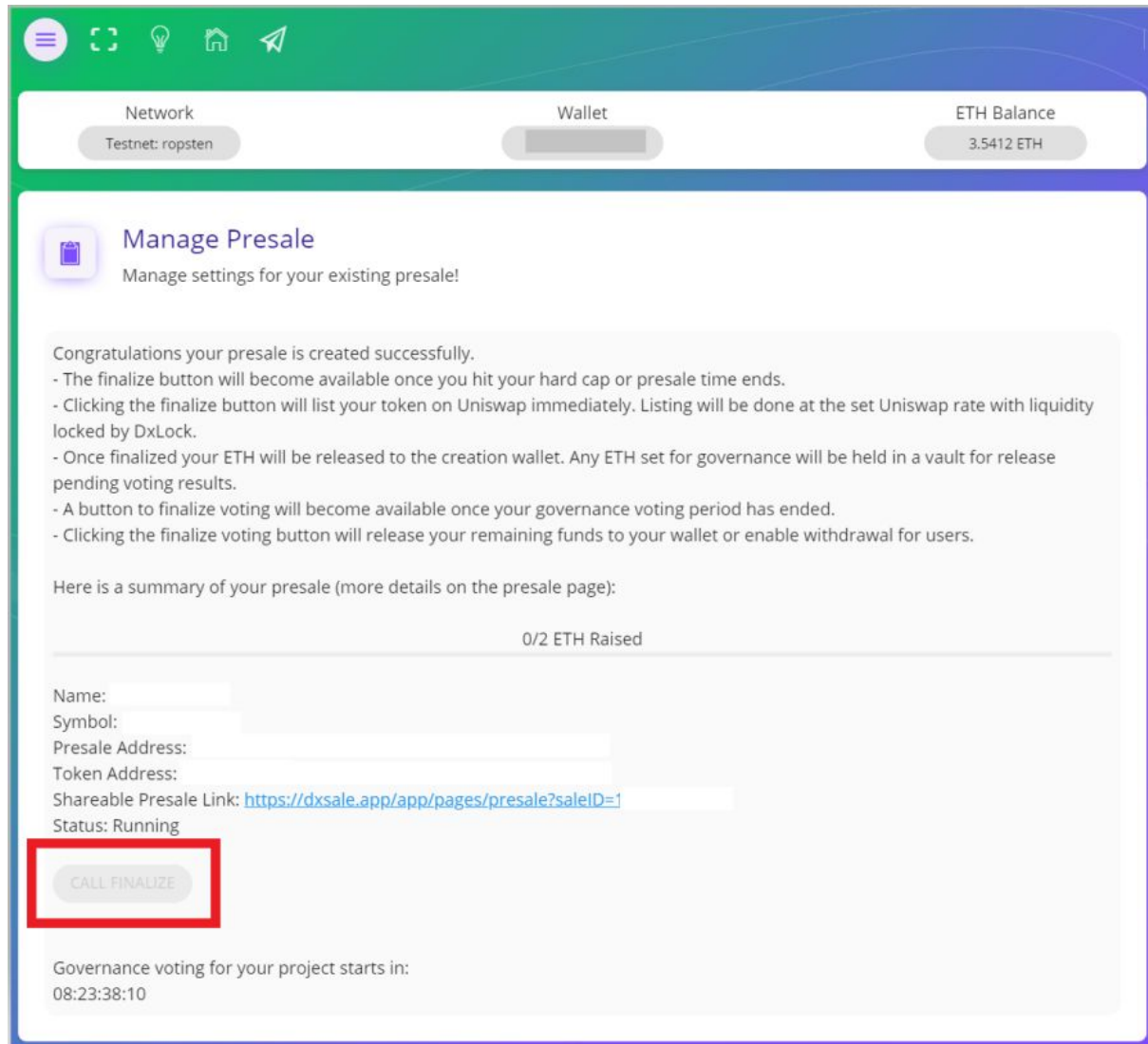
Token Name	DxSale		
Token Symbol	SALE		
Team Tokens #1	Balance: 20000	Addr: 0x0000000000000000000000000000000000000000	Unlocks: 31 DEC 2020 at 02:52
Team Tokens #2	Balance: 30000	Addr: 0x0000000000000000000000000000000000000000	Unlocks: 31 DEC 2020 at 03:52
Presale Rate (Per ETH)	500 SALE		
Soft/Hard Caps (ETH)	Soft Cap: 1	Hard Cap: 100	
Contribution Limits (ETH)	Min: 0.1	Max: 10	
Presale Timings	Starts: 31 DEC 2020 at 01:52		Ends: 1 JAN 2021 at 03:52
Uniswap Liquidity	60%	Unlocks: 14 AUG 2021 at 01:52	
Uniswap Rate (Per ETH)	700 SALE		
ETH locked for Gov	40%		
Governance Voting	Starts: 2 JAN 2021 at 04:52		Ends: 4 JAN 2021 at 01:56

EDIT

SUBMIT

4. Manage a TokenSale

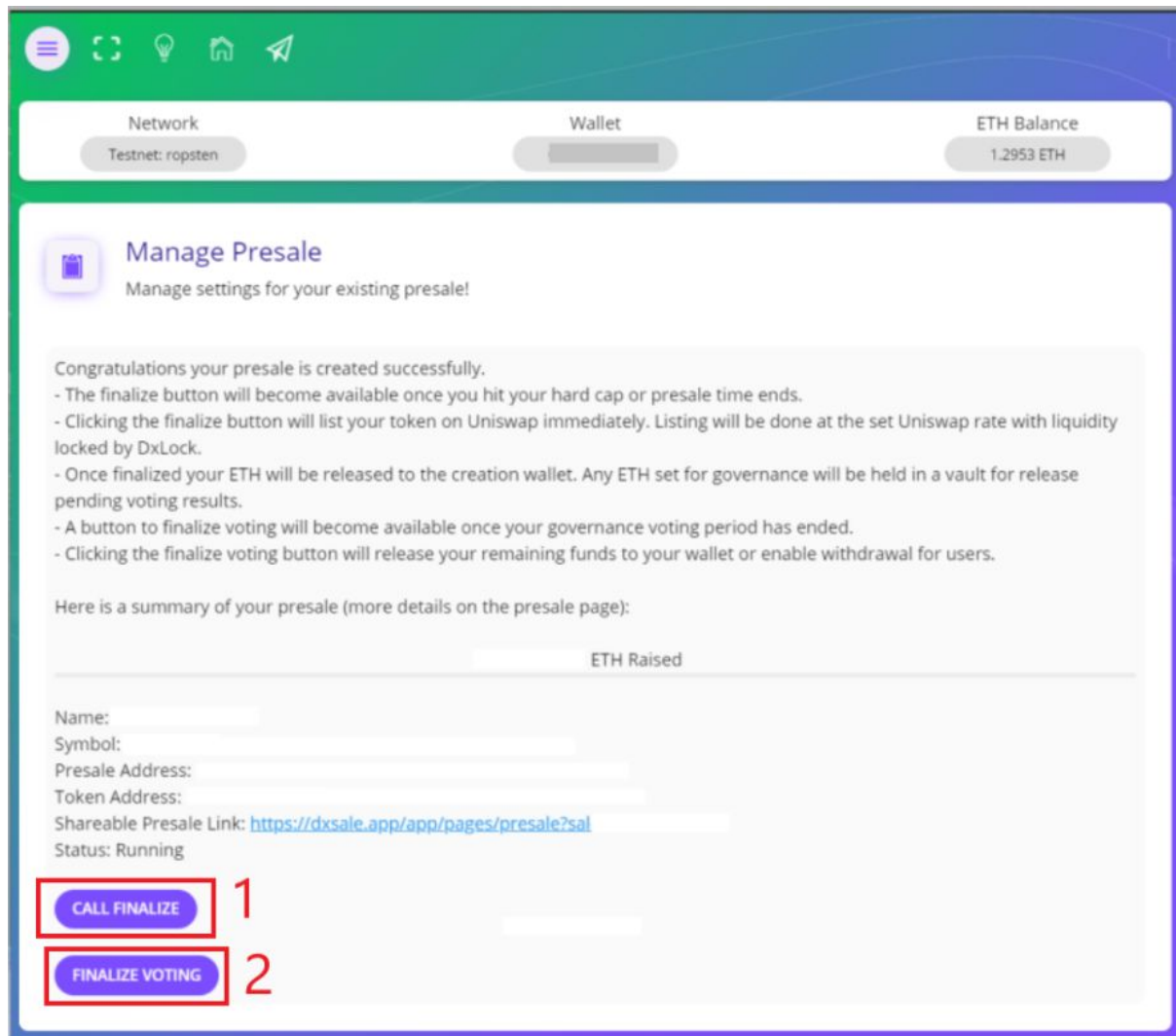
Once the presale has been launched via DxLaunch, you will be greeted to this page once connecting to DxSale.app DxLaunch section via the wallet you have created a presale with. Using another wallet to connect to the dapp will show a create sale page instead if the wallet was not previously used to create a presale.



The manage presale page contains Name, Symbol, Presale Address, Token Address, Shareable Presale Link and Status of the Presale that you have created.

As shown on the outlined red box above, the call finalize box is greyed out. It is greyed out until a successful presale.

4.1 Finalize Presale and Finalize Governance



As shown in the above outlined red box 1, there is a “Call Finalize” button that is used in two scenarios:

1. After the presale has ended **successfully**, you can click “Call Finalize” to finalize a successful presale.
2. After the presale has ended in a **failure**, you can click “Call Finalize” to finalize a failed presale.

You must finalize **within 7 days** after presale has ended for a successful finalize.

As shown in the above outlined red box 2, there is a “Finalize Voting” button that is used to finalize governance voting after it has commenced.


4.2 Liquidity Unlock

As shown in the image below, the liquidity unlock timer will be shown with a button that allows withdrawing liquidity tokens. You must connect with the sale wallet that created the presale to use the Manage Presale page and to use “Withdraw Liquidity” Button

Network
Testnet: ropsten

Wallet
[Progress Bar]

ETH Balance
2.2342 ETH

 **Manage Presale**
Manage settings for your existing presale!

Congratulations your presale is created successfully.

- The finalize button will become available once you hit your hard cap or presale time ends.
- Clicking the finalize button will list your token on Uniswap immediately. Listing will be done at the set Uniswap rate with liquidity locked by DxLock.
- Once finalized your ETH will be released to the creation wallet. Any ETH set for governance will be held in a vault for release pending voting results.
- A button to finalize voting will become available once your governance voting period has ended.
- Clicking the finalize voting button will release your remaining funds to your wallet or enable withdrawal for users.

Here is a summary of your presale (more details on the presale page):

1/2 ETH Raised

Name: [Redacted]

Symbol: [Redacted]

Presale Address: [Redacted]

Token Address: [Redacted]

Shareable Presale Link: [https://dxsale.app/app/pages/presale?saleID=\[Redacted\]](https://dxsale.app/app/pages/presale?saleID=[Redacted])

Status: Ended

Your token is listed on Uniswap!

Uniswap Trade Link - [https://app.uniswap.org/#/swap?inputCurrency=\[Redacted\]](https://app.uniswap.org/#/swap?inputCurrency=[Redacted])

Liquidity unlocks in: 171:22:16:51

WITHDRAW LIQUIDITY TOKENS