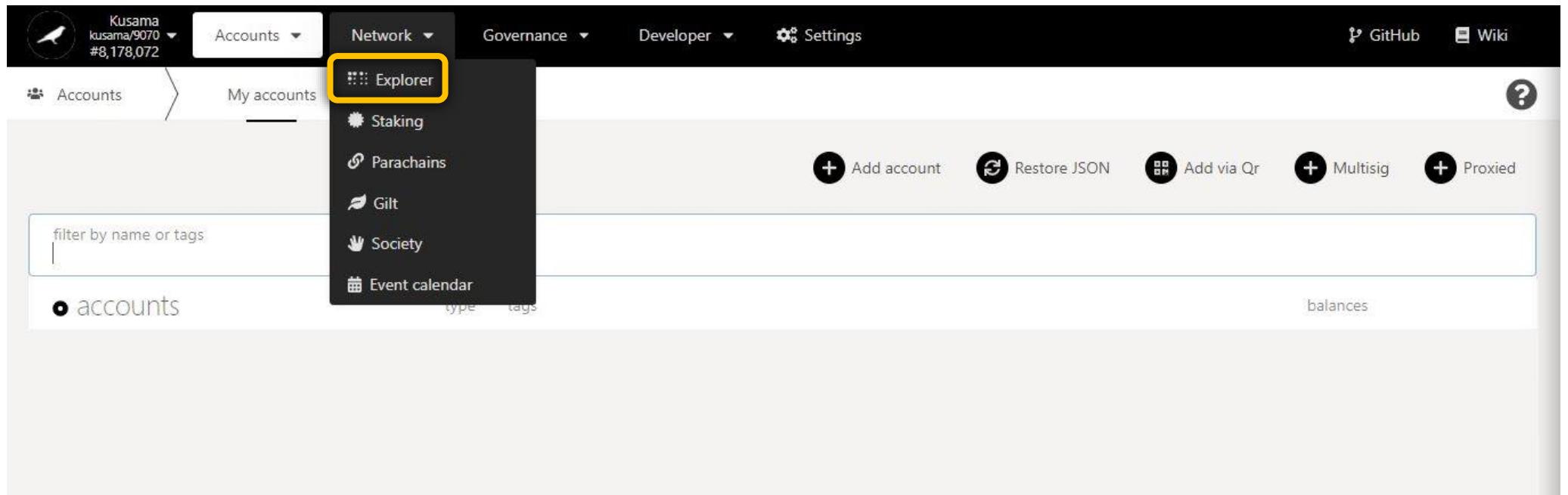


## PART II: Network

### 1. Explorer: Explore latest blockchain data.



a) View blockchain information.

Search block hashes or block numbers.

Key information on blockchain: time elapsed since last block, targeted block time, total KSM supply, epoch countdown, blocks' statistics.

GitHub Wiki

block hash or number to query

last block target total issuance epoch last events finalized best

2.8 s 6 s 11.3050 MKSM 1 hr 59 mins 42 s 13 8,482,934 8,482,937

recent blocks

8,482,937	0xdd5d8de645bdb57af99ae3a10c9b0e3b078d...	GhMryB...3byTJC
8,482,936	0x541ca774dcab9dc249569c96e18398a826d6...	ROCKX_KUSAMA3
8,482,935	0x20242390ec24100981b009cc41e634cd6592...	GpSSta...kEybPs
8,482,934	0xd34022c6fc752cccd3e5ebdf050fc93939...	CoS64C...TZXY5v
8,482,933	0xe7364598dd34ccb7de10124a6f7cd61eacab...	L30
8,482,932	0x9581957e7bbc00af3be6299d9558df2a26f3...	STAKEFISH/SF-2
8,482,931	0x9b28449158817ec86b4a0650941d568c2dd1...	BINANCE_KSM_14
8,482,930	0x9118d828d90be70ca3b3b66e903c6710b6d3...	ZUG CAPITAL/58

recent events

staking.Reward	(2x) 8,482,937-8
The staker has been rewarded by this amount. [stash, amount]	
staking.Reward	(4x) 8,482,936-6
The staker has been rewarded by this amount. [stash, amount]	
grandpa.NewAuthorities	8,482,934-8
New authority set has been applied. [authority_set]	
session.NewSession	8,482,934-3
New session has happened. Note that the argument is the [session_index], not the block number as the type might suggest.	
staking.EraPayout	8,482,934-1
The era payout has been set; the first balance is the validator-payout; the second is the remainder from the maximum amount of reward. [era_index, validator_payout, remainder]	
imOnline.AllGood	8,482,934-0
At the end of the session, no offence was committed.	
staking.Bonded	8,482,922-8

Recent block numbers.

Recent block hashes.

Recent block validators.

Overview of transactions/operations included in recent blocks.

## b) View block details.

**Key information on current block: amounts transferred, block weight, and number of transactions.**

deposits	transfers	block weight	event count	extrinsic count	
0.0000 KSM	0.0000 KSM	435,530,000	0%	7	2

● 8,482,946      hash      parent      extrinsics      state

( CABLE-X) 0x39dcef4509015e35a299f052... 0x12167f7fc2d0058ebde33199... 0x4d00031af91023ff9db2a244... 0x2fca44400add2eed16b8c931... View this externally  
Polkastats Subscan

**Extrinsics**

timestamp.set Set the current time.	system.ExtrinsicSuccess An extrinsic completed successfully. [info]
parasInherent.enter Enter the paras inherent. This will process bitfields and backed candidates.	parasInclusion.CandidateIncluded A candidate was included. [candidate, head_data] parasInclusion.CandidateIncluded A candidate was included. [candidate, head_data] parasInclusion.CandidateIncluded A candidate was included. [candidate, head_data] parasInclusion.CandidateBacked A candidate was backed. [candidate, head_data] parasInclusion.CandidateBacked

**Events**

**Extrinsics & Events in detail:**

An event is a piece of data **from within the blockchain** (ex: issue a reward payout from my validator).

An extrinsic is a piece of data **from the outside world** (ex: claim a reward payout for my stash).

**Overview of transactions/operations included in this block.**

Note: Click on the dropdown arrow to view each individual transaction/operation in greater detail.

## c) Monitor blockchain forks.

The screenshot shows the Polkadot.js interface with the Network tab selected. In the top left, there's a user icon, the network name "Kusama", account "kusama/9070", and balance "#8,483,005". The top navigation bar includes Accounts, Network (selected), Governance, Developer, Settings, GitHub, and Wiki.

The main content area has tabs for Explorer, Chain info, Block details, Forks (selected), and Node info. Below these, a summary box shows "blocks 38" and "forks 2". A yellow callout box highlights this information with the text: "Key information on forks: number of blocks captured, and number of forks encountered since monitoring started".

On the left, a red box labeled "2<sup>nd</sup> fork." contains a green arrow pointing to a block entry. This entry shows block number "#8,483,005" and hash "0x90bc80922... 0x5026f59...". A green callout box next to it says: "Last propagated block number and block hash (white colour) captured by this node since monitoring started".

A red box labeled "1st fork." contains a green arrow pointing to another block entry. This entry shows block number "#8,482,989" and hash "0xc90b093ad... 0x486895b...". A green callout box next to it says: "Last finalised block number and block hash (green colour) captured by this node since monitoring started".

The list continues with more block entries, each consisting of a block number and its corresponding hash. The blocks are color-coded: white for the 2<sup>nd</sup> fork and green for the 1st fork.

## d) Monitor blockchain nodes information.

The screenshot shows the Polkadot.js interface for the Kusama network. The top navigation bar includes 'Accounts', 'Network' (selected), 'Governance', 'Developer', 'Settings', 'GitHub', and 'Wiki'. The 'Network' dropdown shows 'kusama/9070' and '#8,483,009'. The main content area has a yellow header bar: 'Key information on current node: countdown to refresh, peer nodes, sync status.' Below this, a green bar displays metrics: 'refresh in 4.6 s', 'total peers 18', 'syncing no', 'queued tx 1', and 'our best 8,483,009'. A green arrow points to the '1' in 'queued tx'. A yellow box highlights 'Number of transaction(s) in queue.' A green arrow points to the '1' in 'queued tx'. Another yellow box highlights 'Latest block number captured.' A green arrow points to the '8,483,009'. In the bottom left, a yellow box highlights 'Number of node(s) connected to this node.' A green arrow points to the '18'. In the bottom right, a yellow box highlights 'Sender(s) of the transaction(s) in queue.' A green arrow points to the '1'. A yellow box at the bottom highlights 'Nature of the transaction(s) in queue.' A green arrow points to the 'utility.batch' button.

refresh in 4.6 s   total peers 18   syncing no   queued tx 1   our best 8,483,009

connected peers  
no peers connected

pending extrinsics  
utility.batch  
Send a batch of dispatch calls.

Number of node(s) connected to this node.

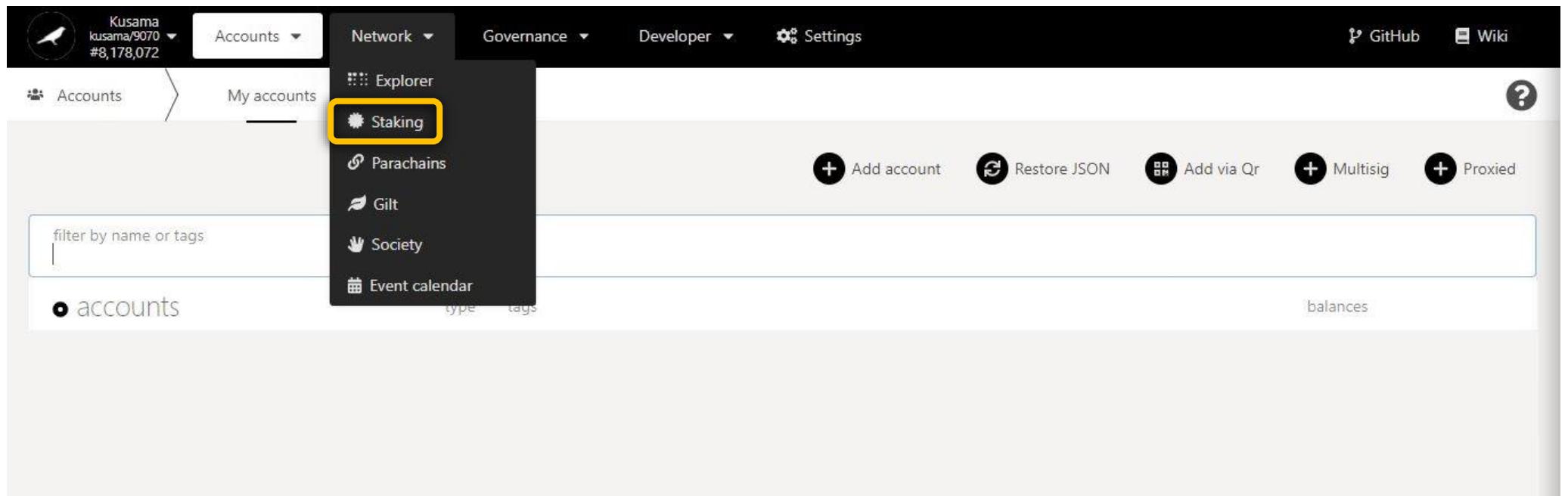
Number of transaction(s) in queue.

Latest block number captured.

Nature of the transaction(s) in queue.

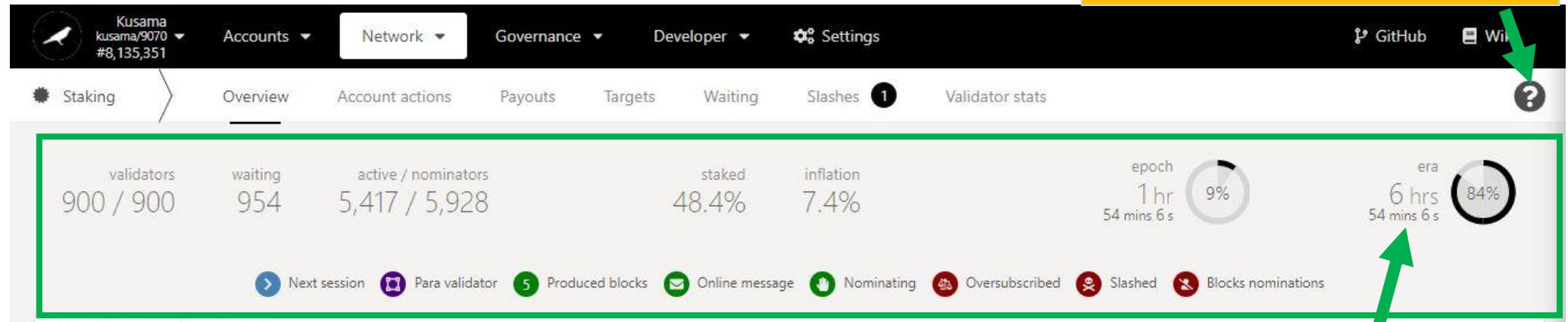
Sender(s) of the transaction(s) in queue.

## 2. Staking: Explore staking-related operations.



## a) View general staking information.

**Basic information on technical words**  
used in the STAKING section.



**Key information on validators, nominators and staking statistics.**

**Countdown to the inclusion of new nominators into the list of rewardees.**

The screenshot shows the Validators table. It lists five validators with their addresses and icons. To the right of the table is a summary table with the following data:

other stake	own stake	commission	points	last #
5,003.4452 KSM (16)	1.0000 KSM	100.00%	1,060	
6,901.6296 KSM (3)	0.4500 KSM	10.00%	1,120	
4,173.3305 KSM (55)	10.0000 KSM	100.00%	780	
7,413.6884 KSM (1)	0.1000 KSM	100.00%	640	
5,181.4473 KSM (18)	1.0000 KSM	5.00%	1,480	

Addresses of currently elected validators.

**Summary of validators' balances, commissions, and performance.**

**NEVER SEND YOUR KSM TO A VALIDATOR'S ADDRESS!**

b) Manage account nominations:

- Set nominators.

The screenshot shows the Polkadot-JS Staking interface. At the top, there is a navigation bar with tabs for Accounts, Network, Governance, Developer, and Settings. Below the navigation bar, there is a sub-navigation bar with tabs for Overview, Account actions (which is the active tab), Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. On the far right of the sub-navigation bar is a question mark icon. Below the sub-navigation bar, there is a filter section with four radio buttons: All stashes (selected), Nominators, Validators, and Inactive. To the right of these buttons are three buttons with plus signs: Nominator, Validator, and Stash. A green arrow points from the text "1. Click Nominator." to the Nominator button. A blue box surrounds the text "1. Click Nominator." and the Nominator button. On the left side of the main content area, there is a section titled "stashes" with the sub-section "No funds staked yet. Bond funds to validate or nominate a validator".

1. Click Nominator.

**3. Double-check warning messages.**

**2. Follow on-screen instructions carefully.**

Distinct stash and controller accounts are recommended to ensure fund security. You will be allowed to make the transaction, but take care to not tie up all funds, only use a portion of the available funds during this period.

Think of the stash as your cold wallet and the controller as your hot wallet. Funding operations are controlled by the stash, any other non-funding actions by the controller itself.

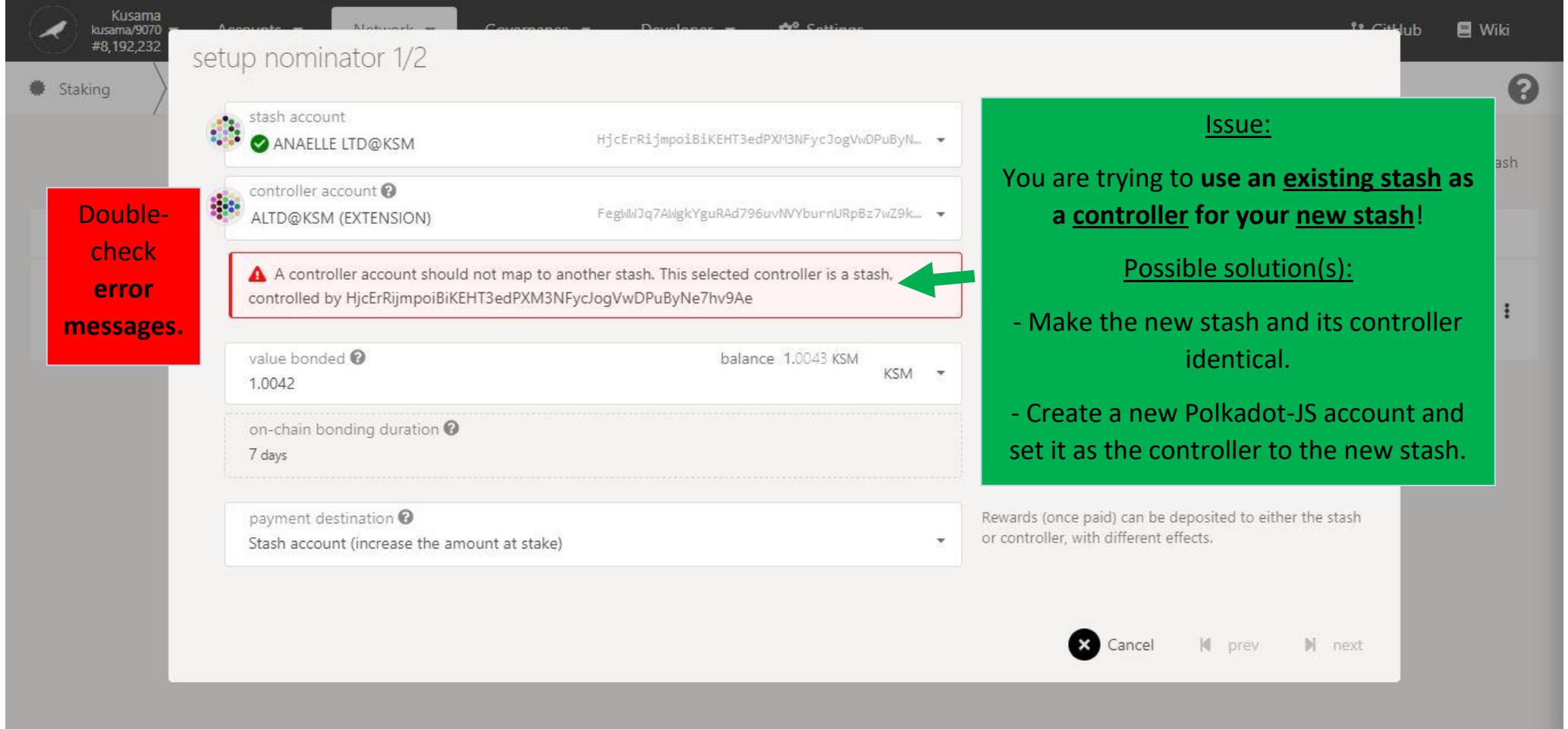
To ensure optimal fund security using the same stash/controller is strongly discouraged, but not forbidden.

The amount placed at-stake should not be your full available available amount to allow for transaction fees.

Once bonded, it will need to be unlocked/withdrawn and will be locked for at least the bonding duration.

Rewards (once paid) can be deposited to either the stash or controller, with different effects.

## [Troubleshooting 1/4]



Double-check error messages.

Issue:

You are trying to use an existing stash as a controller for your new stash!

Possible solution(s):

- Make the new stash and its controller identical.
- Create a new Polkadot-JS account and set it as the controller to the new stash.

Rewards (once paid) can be deposited to either the stash or controller, with different effects.

Cancel prev next

## [Troubleshooting 2/4]

The screenshot shows the Polkadot-JS extension interface for Kusama. A red box on the left contains the text "Double-check error messages." A green box on the right provides troubleshooting information.

**Issue:**  
Your chosen controller does not have enough KSM to pay for the transaction fees!

**Possible solution(s):**

- Add more funds to your chosen controller's balance.
- Use a different controller that has a sufficient KSM balance.

A green arrow points from the "Issue" text to the error message in the extension's UI.

**Double-check error messages.**

**Issue:**  
Your chosen controller does not have enough KSM to pay for the transaction fees!

**Possible solution(s):**

- Add more funds to your chosen controller's balance.
- Use a different controller that has a sufficient KSM balance.

## [Troubleshooting 3/4]

setup nominator 1/2

stash account  
LALA HEjiAtKMqsi85R1LJ3qkxKjAZCwCJ6h2JRrKHk5...

controller account ?  
LALA HEjiAtKMqsi85R1LJ3qkxKjAZCwCJ6h2JRrKHk5...

**Issue:**

Your stash and controller **do not have enough KSM to bond for the nominations and to pay for the transaction fees!**

**Possible solution(s):**

- Add more funds to your stash balance and controller balances. Note: A minimum of 0.1KSM is needed to nominate.
- Bond more funds into a pre-existing stash that has some spare KSM.

Double-check error messages.

The controller does not have sufficient funds available to cover transaction fees. Ensure that a funded controller is used.

The specified value is too large and does not allow funds to pay future transaction fees.

value bonded ?  
0 balance 0.0000 KSM KSM

on-chain bonding duration ?  
7 days

payment destination ?  
Stash account (increase the amount at stake)

Rewards (once paid) can be deposited to either the stash or controller, with different effects.

Cancel prev next

## [Troubleshooting 4/4]

The screenshot shows the Polkadot-JS interface for Kusama. A red box highlights the error message: "A controller account should not be set to manage multiple stashes. The selected controller is already controlling FegWWJq7AWgkYguRAD796uvIYguRAD796uvzYguRAD796uv". A green arrow points from this message to a green callout box containing troubleshooting advice.

**Double-check error messages.**

**Issue:**  
You are trying to use one controller for many stashes!

**Possible solution(s):**

- Make the new stash and its controller identical.
- Create a new Polkadot-JS account and set it as the controller to the new stash.

Rewards (once paid) can be deposited to either the stash or controller, with different effects.

setup nominator 1/2

stash account  
ALTD@KSM (EXTENSION)

controller account  
ALTD@KSM (EXTENSION)

**⚠ Distinct stash and controller accounts are recommended to ensure fund security. You will be allowed to make the transaction, but take care to not tie up all funds, only use a portion of the available funds during this period.**

Stash account (increase the amount at stake)

Stash account (do not increase the amount at stake)

Controller account

Specified payment account

Stash account (increase the amount at stake)

4. Select one option for receiving reward payouts.

Once bonded, it will need to be unlocked/withdrawn and will be locked for at least the bonding duration.

Rewards (once paid) can be deposited to either the stash or controller, with different effects.

Cancel prev. next.

5. Click on Next to continue the procedure.

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setup nominator 2/2

Kusama  
kusama/9070  
#8,192,242

Staking

filter by name, address, or account index

candidate accounts

- ALLNODES/41
- SHOTMAKER/0
- STAKE-OPS/1
- MELANGE
- ALLNODES/43

nominated accounts

Nominators can be selected manually from the list of all currently available validators.

Once transmitted the new selection will only take effect in 2 eras taking the new validator election cycle into account. Until then, the nominations will show as inactive.

Wiki

?

Stash

Stop

ALTD@

7. Double-check warning messages.

⚠ You should trust your nominations to act competently and honest; basing your decision purely on their current profitability could lead to reduced profits or even loss of funds.

Cancel prev Bond & Nominate

setup nominator 2/2

8. Click on **10-16 validators' names or addresses** to add them to your selection.

The screenshot shows the 'setup nominator 2/2' step in the Polkadot-JS application. On the left, there's a sidebar with icons for 'stashes' and 'ALTD@'. The main area has two sections: 'candidate accounts' on the left and 'nominated accounts' on the right. In the 'candidate accounts' section, there are five items: 'ALLNODES/41', 'SHOTMAKER/0', 'STAKE-OPS/1', 'MELANGE', and 'ALLNODES/43'. In the 'nominated accounts' section, there are six items: 'JACKFLASH/FORKLESSNATION', 'HUNTER', 'SORAMITSU/SUB1', 'RYABINA/[12]T.ME/KUSAMA\_BOT', and 'ADAM\_CLAY\_STEEBER'. Below these lists is a yellow warning box containing the text: '⚠ You should trust your nominations to act competently and honest; basing your decision purely on their current profitability could lead to reduced profits or even loss of funds.' At the bottom right are buttons for 'Cancel', 'prev', 'Bond & Nominate', and 'Stop'.

Nominators can be selected manually from the list of all currently available validators.

Once transmitted the new selection will only take effect in 2 eras taking the new validator election cycle into account. Until then, the nominations will show as inactive.

Cancel prev Bond & Nominate Stop

9. You can search for your favourite validator to speed up this process.

Nominators can be selected manually from the list of all currently available validators.

Once transmitted the new selection will only take effect in 2 eras taking the new validator election cycle into account. Until then, the nominations will show as inactive.

**candidate accounts**

- SULTANOFSTAKING

**nominated accounts**

- JACKFLASH/FORKLESSNATION
- HUNTER
- JACO/v35
- SORAMITSU/SUB1
- RYABINA/ [12] T.ME/KUSAMA\_BOT

**⚠️** You should trust your nominations to act competently and honest; basing your decision purely on their current profitability could lead to reduced profits or even loss of funds.

Cancel prev Bond & Nominate

setup nominator 2/2

sultan

candidate accounts

nominated accounts

- HUNTER
- SORAMITSU/SUB1
- RYABINA/[12] T.ME/KUSAMA\_BOT
- ADAM\_CLAY\_STEEBER
- SULTANOFSTAKING

**10. Double-check your selection of validators.**

Nominators can be selected manually from the list of all currently available validators.

Once transmitted the new selection will only take effect in 2 eras taking the new validator election cycle into account. Until then, the nominations will show as inactive.

**11. Click on Bond & nominate to continue the procedure.**

Cancel prev Bond & Nominate

**Nature of the transaction.**

**More validators**  
= more  
nominations  
= higher  
transaction fees.

authorize transaction

Sending transaction utility.batchAll(calls)  
Send a batch of dispatch calls and atomically execute them. The whole transaction will rollback and fail if any of the calls failed.

Fees of 120.9988 micro KSM will be applied to the submission

sending from my account  
ALTD@KSM (EXTENSION)

Do not include a tip for the block author

call hash  
0xc337e6e06d4d94e90c5de2718dfb58bfc7ed305c50ccaa2252d3d38ecff2f2b6

Sign and Submit

**12. Follow the final instructions carefully.**

utility.batchAll queued

The details of the transaction including the type, the description (as available from the chain metadata) as well as any parameters and fee estimations (as available) for the specific type of call.

The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

Adding an optional tip to the transaction could allow for higher priority, especially when the chain is busy.

The call hash as calculated for this transaction

**13. Click on Sign & submit to continue the procedure.**

Cancel **Sign and Submit**

The screenshot shows the Polkadot.js extension window on a Kusama network. A yellow box on the left contains the text: "Summary of the transaction sent via the Polkadot-JS extension." An arrow points from this text to the transaction details section. Another arrow points from the "Sign the transaction" button to the "Sign the transaction" instruction below. A green box highlights the password input field and the "Remember my password" checkbox. A blue box highlights the "Sign the transaction" button. A yellow box on the right contains the text: "Progress of the transaction." An arrow points from this text to the progress bar at the top of the extension window.

**Summary of the transaction sent via the Polkadot-JS extension.**

from https://polkadot.js.org/apps/#/staking  
chain Kusama  
version 9070  
nonce 248  
method ► utility.batchAll(calls)  
info ► Send a batch of dispatch calls and atomically execute them. T...  
lifetime mortal, valid from 8,192,317 to 8,192,381

PASSWORD FOR THIS ACCOUNT  
••••••••••  
 Remember my password for the next 15 minutes

**Sign the transaction**

**14. Enter your account's password and tick the box to remember your password, if necessary.**

**15. Click on Sign the transaction to complete the procedure.**

**utility.batchAll signing**

**Progress of the transaction.**

- Add stashes.

The screenshot shows the Polkadot-JS Staking interface. At the top, there's a navigation bar with tabs for Accounts, Network, Governance, Developer, and Settings. Below the navigation bar, there are tabs for Overview, Account actions, Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. The 'Account actions' tab is currently selected. In the main content area, there's a filter bar with options: 'All stashes' (selected), 'Nominators', 'Validators', and 'Inactive'. Below the filter bar, there's a section titled 'stashes' with columns for controller, rewards, and bonded. It lists two entries: 'ALTD@KSM (EXTENSION)' and 'ANAEILLE LTD@KS'. Under 'ANAEILLE LTD@KS', it shows 'Staked' status and '10.0279 KSM'. To the right of this section, there are dropdown menus for 'Active nominations (1)', 'Inactive nominations (9)', and 'Waiting nominations (5)'. At the bottom right of the main content area, there's a blue box with the text '1. Click Stash.' and a green arrow pointing to the '+ Stash' button. The footer of the page includes links for GitHub and Wiki, and a copyright notice: 'Prepared by Anaelle LTD'.

**2. Follow on-screen instructions carefully.**

Think of the stash as your cold wallet and the controller as your hot wallet. Funding operations are controlled by the stash, any other non-funding actions by the controller itself.

To ensure optimal fund security using the same stash/controller is strongly discouraged, but not forbidden.

**3. Double-check warning messages.**

**⚠️ Distinct stash and controller accounts are recommended to ensure fund security. You will be allowed to make the transaction, but take care to not tie up all funds, only use a portion of the available funds during this period.**

value bonded **0.15** balance 10.3703 KSM KSM

on-chain bonding duration **7 days**

payment destination **Stash account (increase the amount at stake)**

**Cancel** **Bond**

**4. Click on Bond to continue the procedure.**

Nature of the transaction.



authorize transaction

Sending transaction staking.bond(controller, value, payee)  
Take the origin account as a stash and lock up value of its balance. controller will be the account that controls it.

Fees of 52.6661 micro KSM will be applied to the submission

sending from my account  
ALTD@KSM (EXTENSION)

Do not include a tip for the block author

call hash  
0x2e106e2bdbb21e911e68c3d4c06160f12895d22a35559aa04e6767f499b1d301

Sign and Submit

payment destination ?  
Stash account (increase the amount at stake)

The details of the transaction including the type, the description (as available from the chain metadata) as well as any parameters and fee estimations (as available) for this type of call.

The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

Adding an optional tip to the transaction could allow for higher priority, especially when the chain is busy.

The call hash as calculated for this transaction

Cancel  Sign and Submit

6. Click on **Sign & submit** to continue the procedure.

Cancel  Bond

The screenshot shows the Polkadot-JS extension interface for the Kusama network. A green arrow points from the text "Summary of the transaction sent via the Polkadot-JS extension." to the transaction details window. Another green arrow points from the text "Progress of the transaction." to the top right corner where it says "staking.bond signing".

**Summary of the transaction sent via the Polkadot-JS extension.**

**Progress of the transaction.**

**Transaction Details:**

- from: https://polkadot.js.org/apps/#/staking
- chain: Kusama
- version: 9070
- nonce: 248
- method: ▶ staking.bond(controller, value, payee)
- info: ▶ Take the origin account as a stash and lock up 'value' of its bal...
- lifetime: mortal, valid from 8,192,578 to 8,192,642

**PASSWORD FOR THIS ACCOUNT**

••••••••••••••  
 Remember my password for the next 15 minutes  
**Sign the transaction**

**7. Enter your account's password and tick the box to remember your password, if necessary.**

**8. Click on Sign the transaction to complete the procedure.**

**Name of the stash.**  
It is used to **bond KSM** for nominations and set a controller. It can be used to compound reward payouts.

**Name of the controller.**  
It is used to set nominees for bonded KSM on behalf of a stash.

**All stashes**

**Active nominations (1)**  
JACKFLASH/FORKLE 10.0279 KSM

**Inactive nominations (9)**

- SHOTMAKER/@
- ALLNODES/⚡1
- ALLNODES/⚡3
- EARNSTASH/03
- ICEBERG NODI
- MELANGE
- MANTRADAO
- SHAWN 0/04

**Waiting nominations (5)**

- STAKE-MACHINE.C
- LITBUTHEDGEDCA
- HUNTER
- SULTANOFSTAKIN
- AMALLYN ⚡⚡⚡

**Staking summary:**  
**Staked:** Total balance of KSM bonded/locked into nominations (includes reward payouts made into the stash).  
**Active nominations:** Nominated validator that is in the active set and making reward payments for the current era.  
**Inactive nominations:** Nominated validators that are in the active set but not making reward payments for the current era.  
**Waiting nominations:** Nominations waiting to be included in the active set or in the list of rewardees.

**Stop all nomination activities associated with this stash.**

- Bond more funds.

The screenshot shows the Polkadot-JS interface for the Kusama network. The top navigation bar includes links for Accounts, Network (selected), Governance, Developer, Settings, GitHub, and Wiki. Below the navigation is a sub-menu for Staking with tabs for Overview, Account actions (selected), Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. A question mark icon is also present. The main content area displays a table for 'stashes'. The table has columns for controller, rewards, and bonded amount (10.0279 KSM). It lists two stashes: 'ALTD@KSM (EXTENSION)' and 'ANAEILLE LTD@KS'. For each stash, it shows active, inactive, and waiting nominations. A green arrow points to the three vertical dots next to the 'ANAEILLE LTD@KS' entry, which is highlighted with a blue box containing the instruction: '1. Click on the 3 vertical dots to view Staking settings.'

controller	rewards	bonded
ALTD@KSM (EXTENSION)		10.0279 KSM
ANAEILLE LTD@KS		10.0279 KSM

Active nominations (1) ▾  
Inactive nominations (9) ▾  
Waiting nominations (5) ▾

Stop ⚙️

1. Click on the 3 vertical dots to view Staking settings.

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The screenshot shows the Polkadot-JS Staking interface. At the top, there are tabs: Staking, Overview, Account actions (which is selected), Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. Below the tabs are filters: All stashes (selected), Nominators, Validators, Inactive, and buttons to add a Nominator, Validator, or Stash. The main area displays 'stashes' with columns: controller, rewards, bonded, and nomination status. For the 'ANAEILLE LTD@KS' stash, it shows 10.0279 KSM bonded. A dropdown menu is open over this row, listing options: Bond more funds (highlighted with a green arrow), Unbond funds, Withdraw unbonded funds, Change controller account, Change reward destination, and Set nominees.

10.0279 KSM

2. Click on **Bond more funds** to increase the amount of KSM you are staking.

Bond more funds

Unbond funds

Withdraw unbonded funds

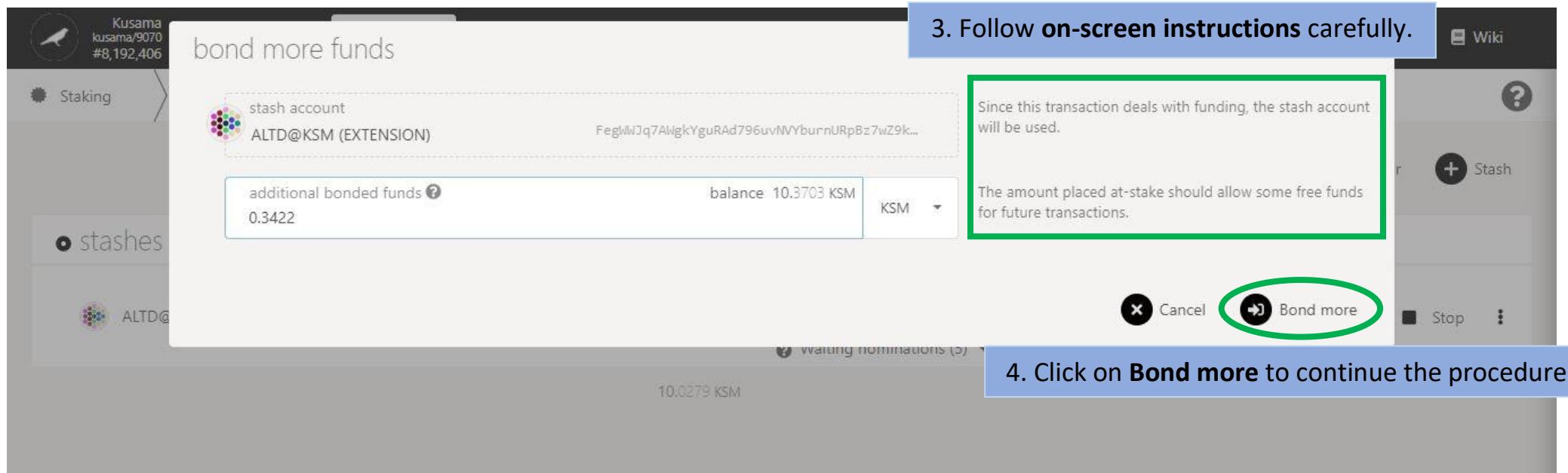
Change controller account

Change reward destination

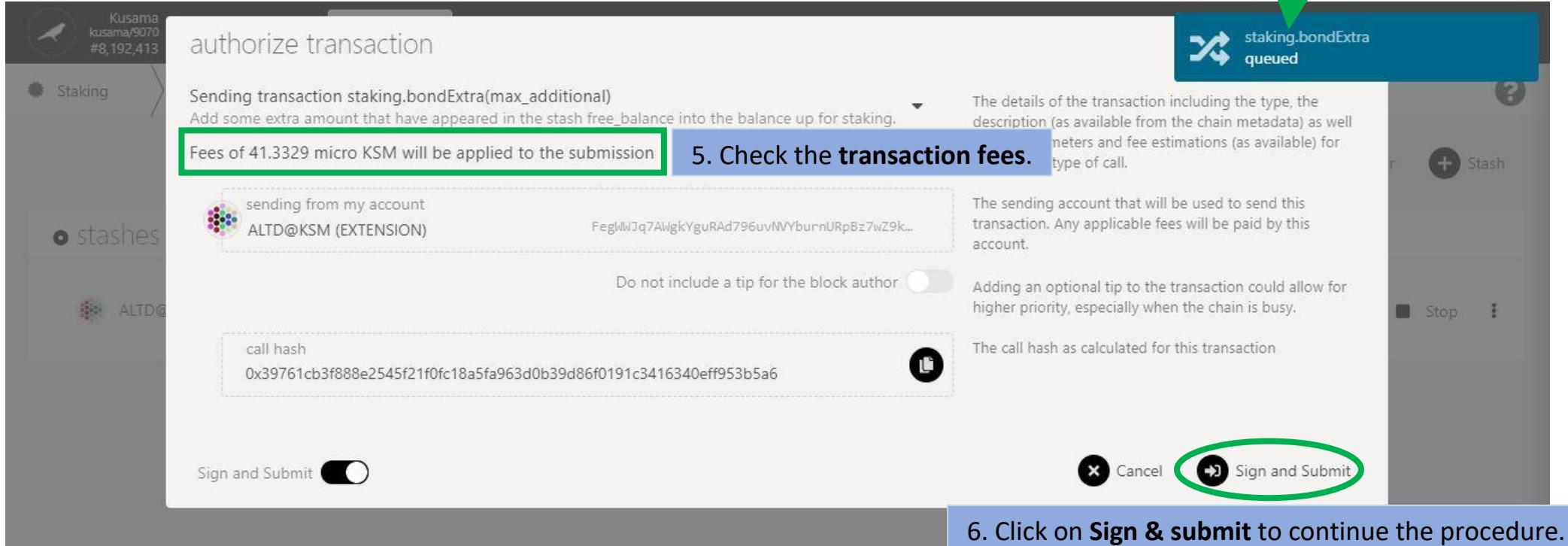
Set nominees

## GUIDE TO POLKADOT-JS – PART II: Network

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Nature of the transaction.



authorize transaction

Sending transaction `staking.bondExtra(max_additional)`  
Add some extra amount that have appeared in the stash `free_balance` into the balance up for staking.

Fees of 41.3329 micro KSM will be applied to the submission

sending from my account  
ALTD@KSM (EXTENSION)

Do not include a tip for the block author

call hash  
0x39761cb3f888e2545f21f0fc18a5fa963d0b39d86f0191c3416340eff953b5a6

Sign and Submit

staking.bondExtra queued

The details of the transaction including the type, the description (as available from the chain metadata) as well as meters and fee estimations (as available) for the type of call.

The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

Adding an optional tip to the transaction could allow for higher priority, especially when the chain is busy.

The call hash as calculated for this transaction

Cancel **Sign and Submit**

6. Click on **Sign & submit** to continue the procedure.

The screenshot shows the Polkadot.js extension interface for the Kusama network. A modal window titled "Transaction" is open, displaying the details of a "staking.bondExtra(signing)" transaction initiated from the "ALTD@KSM" stash account. The transaction summary includes the following information:

- from: <https://polkadot.js.org/apps/#/staking>
- chain: Kusama
- version: 9070
- nonce: 248
- method: ▶ staking.bondExtra(max\_additional)
- info: ▶ Add some extra amount that have appeared in the stash 'free...'.
- lifetime: mortal, valid from 8,192,414 to 8,192,478

A green arrow points to the "Summary of the transaction sent via the Polkadot-JS extension." text, which is enclosed in a yellow box. Another green arrow points to the "Sign the transaction" button, which is highlighted with a green oval. A blue box contains the instruction: "7. Enter your account's password and tick the box to remember your password, if necessary." A green box at the bottom contains the instruction: "8. Click on Sign the transaction to complete the procedure." The top right corner of the extension window shows the transaction progress: "staking.bondExtra signing" with a progress bar and a green arrow pointing to the text "Progress of the transaction."

**Summary of the transaction sent via the Polkadot-JS extension.**

**Progress of the transaction.**

7. Enter your account's password and tick the box to remember your password, if necessary.

8. Click on Sign the transaction to complete the procedure.

- Unbond funds.

The screenshot shows the Polkadot-JS Staking interface. At the top, there's a navigation bar with tabs for Accounts, Network (selected), Governance, Developer, and Settings. Below the navigation bar, there are tabs for Overview, Account actions (selected), Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. A sidebar on the left indicates the user is under the Staking section. The main content area displays a table of stashes. The columns are labeled: controller, rewards, bonded, and three dropdown menus for Active nominations (1), Inactive nominations (9), and Waiting nominations (5). At the bottom of the table, it says 10.0279 KSM. To the right of the table, there are buttons for Nominator (+), Validator (+), and Stash (+). A green arrow points to the three vertical dots icon next to the Stashed entry for ANAELLE LTD@KS, which is highlighted with a blue box containing the instruction: "1. Click on the 3 vertical dots to view Staking settings."

1. Click on the 3 vertical dots to view Staking settings.

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The screenshot shows the Polkadot-JS Staking interface. At the top, there are tabs: Staking, Overview, Account actions (which is selected), Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. Below the tabs are filters: All stashes (selected), Nominators, Validators, Inactive, and buttons to add a Nominator, Validator, or Stash. The main area displays 'stashes' with columns: controller, rewards, and bonded. Two stashes are listed: ALTD@KSM (EXTENSION) and ANAELLE LTD@KS. The ANAELLE entry shows it is Staked with 10.0279 KSM. To the right of the stashes are three buttons: Stop, a gear icon, and a more options icon. A green arrow points from a callout box to the 'Unbond funds' option in a dropdown menu. The callout box contains the text: "2. Click on Unbond funds to decrease the amount of KSM you are staking." The dropdown menu also includes: Bond more funds, Withdraw unbonded funds, Change controller account, Change reward destination, and Set nominees.

✓ All stashes • Nominators • Validators • Inactive + Nominator + Validator + Stash

● stashes controller rewards bonded

ALTD@KSM (EXTENSION) ANAELLE LTD@KS Staked 10.0279 KSM

2. Click on **Unbond funds** to decrease the amount of KSM you are staking.

Bond more funds  
Unbond funds **Withdraw unbonded funds**  
Change controller account  
Change reward destination  
Set nominees

## GUIDE TO POLKADOT-JS – PART II: Network

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The screenshot shows the Polkadot-JS UI interface for the Kusama network. The top bar displays the network name 'kusama/9070 #8,192,445'. A blue header bar contains the text '3. Follow on-screen instructions carefully.' Below this, a modal window titled 'unbond funds' is open. It shows two accounts: 'stash account' ALTD@KSM (EXTENSION) and 'controller account' ANAELLE LTD@KSM. The controller account has a green checkmark next to it. The 'unbond amount' is set to 10.0279 KSM, and the 'on-chain bonding duration' is set to 7 days. A note states: 'The stash and controller pair, here the controller will be used to send the transaction.' Another note says: 'The funds will only be available for withdrawal after the unbonding period, however will not be part of the staked amount after the next validator election. You can follow the unlock countdown in the UI.' At the bottom right of the modal are 'Cancel' and 'Unbond' buttons, with 'Unbond' being circled in green.

3. Follow on-screen instructions carefully.

The stash and controller pair, here the controller will be used to send the transaction.

The funds will only be available for withdrawal after the unbonding period, however will not be part of the staked amount after the next validator election. You can follow the unlock countdown in the UI.

Cancel  Unbond

4. Click on **Unbond** to continue the procedure.

**Nature of the transaction.**

The screenshot shows the Polkadot-JS extension interface for a Kusama node. The top bar displays the node name "kusama/9070" and the number "#8,192,452". The main window title is "authorize transaction". The transaction details are as follows:

- Sending transaction:** staking.unbond(value)
- Description:** Schedule a portion of the stash to be unlocked ready for transfer out after the bond period ends. If this leaves an amount actively bonded less than T::Currency::minimum\_balance(), then it is increased to the full amount.
- Fees:** Fees of 41.6662 micro KSM will be applied to the submission (highlighted with a green border).
- Account:** sending from my account (ANAEILLE LTD@KSM) with a green checkmark.
- Call Hash:** HjcErRijmpoiBiKEHT3edPXH3NFycJogVwDPuByN... (highlighted with a green border)
- Call Hash (Input Field):** 0x04f4bac2282fd711c009122f52b6ace5425ecd3e6797f98f56aee5ded8f7256b
- Fee Tip:** Do not include a tip for the block author (checkbox is off).
- Sign and Submit:** A button with a toggle switch.
- Cancel:** A button with a red X icon.
- Sign and Submit:** A button with a green arrow icon, circled with a green oval.

**5. Check the transaction fees.**

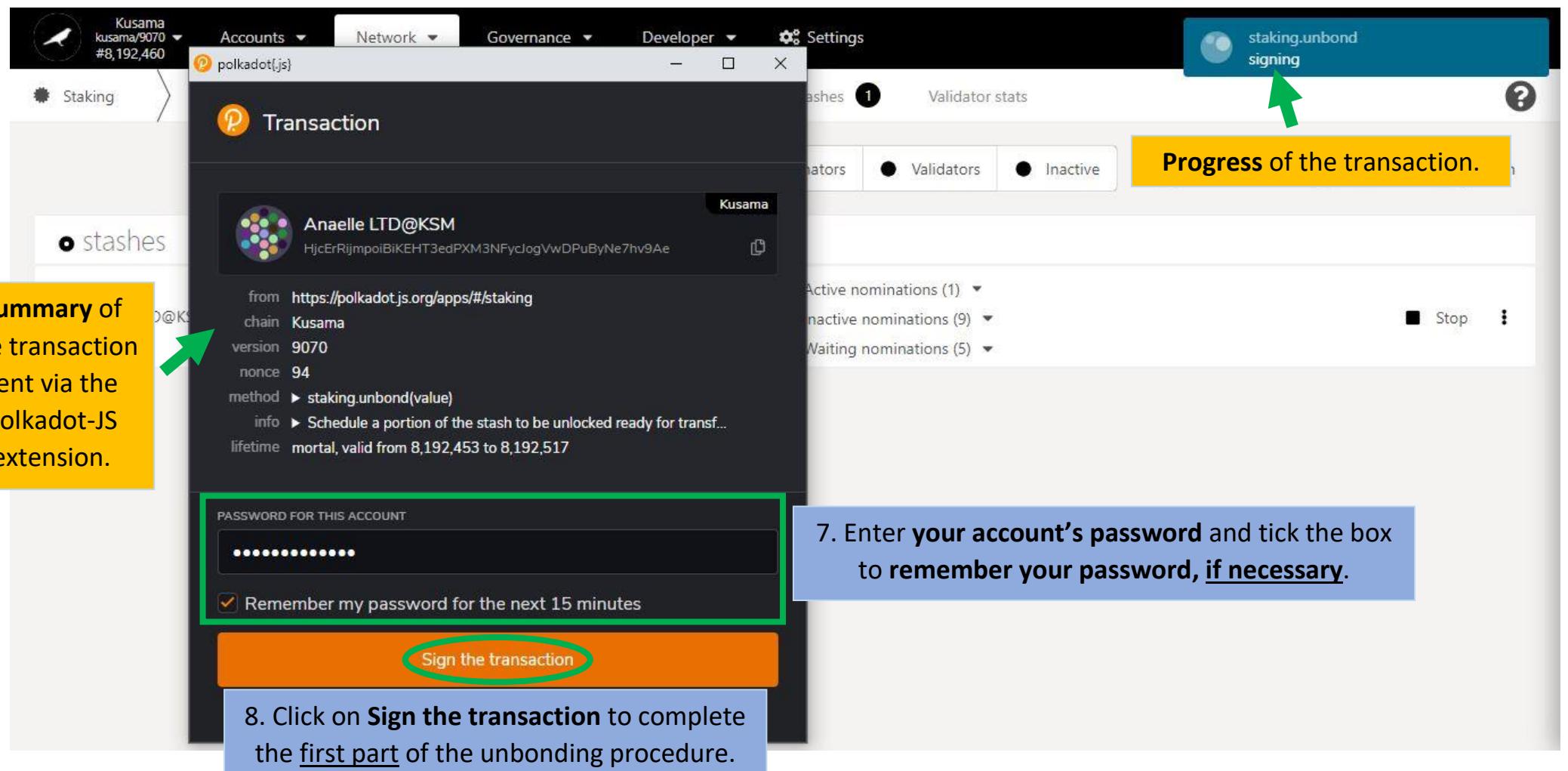
The details of the transaction including the type, the description (as available from the chain metadata) as well as any parameters and fee estimations (as available) for the specific type of call.

The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

Adding an optional tip to the transaction could allow for higher priority, especially when the chain is busy.

The call hash as calculated for this transaction

**6. Click on Sign & submit to continue the procedure.**



9. Your funds have now entered an unbonding period! You will need to wait for 7 days before you can complete the procedure.

10. After 7 days, your unbonded funds  
are now ready to be withdrawn!

The screenshot shows the Polkadot-JS dashboard with a blue header bar containing the text "10. After 7 days, your unbonded funds are now ready to be withdrawn!". Below the header is a navigation bar with links for Governance, Developer, Settings, GitHub, and Wiki. The main content area is titled "stashes" and shows two entries: "ALTD@KSM (EXTENSION)" and "ANAEILLE LTD@KS". Each entry has columns for controller, rewards, and bonded amount. The "ANAEILLE LTD@KS" entry shows "Staked" status, 8.0299 KSM bonded, and 2.0503 KSM unbonded. To the right of the unbonded amount is a small padlock icon. A green arrow points to this padlock icon. To the right of the padlock are three dropdown menus: "Active nominations (1)", "Inactive nominations (6)", and "Waiting nominations (6)". Below the main content is a callout box with the text "11. Click on the **padlock icon** to start the second part of the unbonding procedure.".

Payouts Targets Waiting Slashes Validator stats ?

✓ All stashes • Nominators • Validators • Inactive + Nominator + Validator + Stash

• stashes controller rewards bonded

controller	rewards	bonded	
ALTD@KSM (EXTENSION)		8.0299 KSM	?
ANAEILLE LTD@KS		2.0503 KSM	?

Stop :

11. Click on the **padlock icon** to start the second part of the unbonding procedure.

**Nature of the transaction.**

The screenshot shows the Polkadot-JS extension interface for Kusama. The main title is "authorize transaction". Below it, a message says "Sending transaction staking.withdrawUnbonded(num\_slashing\_spans)". It also says "Remove any unlocked chunks from the unlocking queue from our management.". A green box highlights the text "Fees of 40.6663 micro KSM will be applied to the submission". To the right, a blue box contains the transaction details: "staking.withdrawUnbonded queued". A green arrow points from the text "Nature of the transaction." to this box. Below the transaction details, there's a note about sending fees and a switch for "Do not include a tip for the block author". Further down, a "call hash" is shown: "0xfb068436a3732c6d321bc6b9069fb58bbea4661c5ffede0e5f509d51fb16174". At the bottom, there are "Cancel" and "Sign and Submit" buttons. The "Sign and Submit" button is circled in green. A blue box labeled "12. Check the transaction fees." is positioned above the "Sign and Submit" area. Another blue box labeled "13. Click on Sign & submit to continue the procedure." is at the bottom right.

authorize transaction

Sending transaction staking.withdrawUnbonded(num\_slashing\_spans)

Remove any unlocked chunks from the unlocking queue from our management.

Fees of 40.6663 micro KSM will be applied to the submission

sending from my account ANAELLE LTD@KSM

HjcErRijmpoiBiKEHT3edPXIM3NFycJogVwDPuByN...

Do not include a tip for the block author

call hash  
0xfb068436a3732c6d321bc6b9069fb58bbea4661c5ffede0e5f509d51fb16174

Sign and Submit

**12. Check the transaction fees.**

**13. Click on Sign & submit to continue the procedure.**

staking.withdrawUnbonded queued

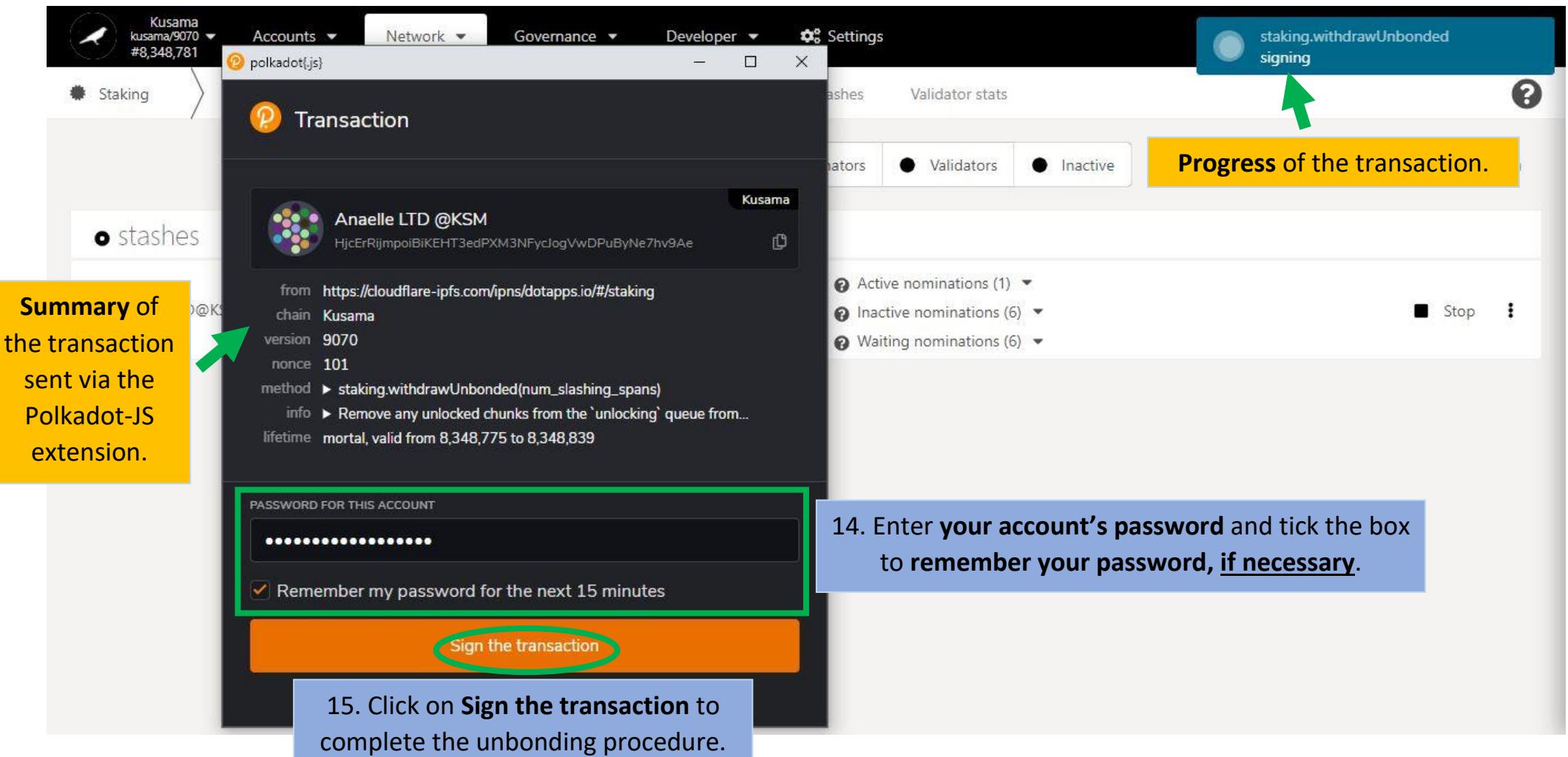
The details of the transaction including the type, the description (as available from the chain metadata) as well as fee estimations (as available) for the type of call.

The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

Adding an optional tip to the transaction could allow for higher priority, especially when the chain is busy.

The call hash as calculated for this transaction

**Cancel** **Sign and Submit**



- Change controller account.

The screenshot shows the Polkadot-JS interface for the Kusama network. The top navigation bar includes 'Accounts', 'Network' (selected), 'Governance', 'Developer', 'Settings', 'GitHub', and 'Wiki'. Below the navigation is a sub-menu for 'Staking' with tabs for 'Overview', 'Account actions' (selected), 'Payouts', 'Targets', 'Waiting', 'Slashes (1)', and 'Validator stats'. A help icon is also present. The main content area displays 'stashes' information for the account 'ANAEILLE LTD@KS'. It lists two stashes: 'ALTD@KSM (EXTENSION)' and 'ANAEILLE LTD@KS'. The 'ANAEILLE LTD@KS' stash has a balance of 10.0279 KSM and is marked as 'Staked'. To the right of the stash details are three dropdown menus: 'Active nominations (1)', 'Inactive nominations (9)', and 'Waiting nominations (5)'. A green arrow points to the three vertical dots next to the 'Waiting nominations' menu. A blue callout box contains the instruction: '1. Click on the 3 vertical dots to view Staking settings.' The bottom right corner of the interface shows the Polkabot logo.

1. Click on the 3 vertical dots to  
view **Staking settings**.

## GUIDE TO POLKADOT-JS – PART II: Network

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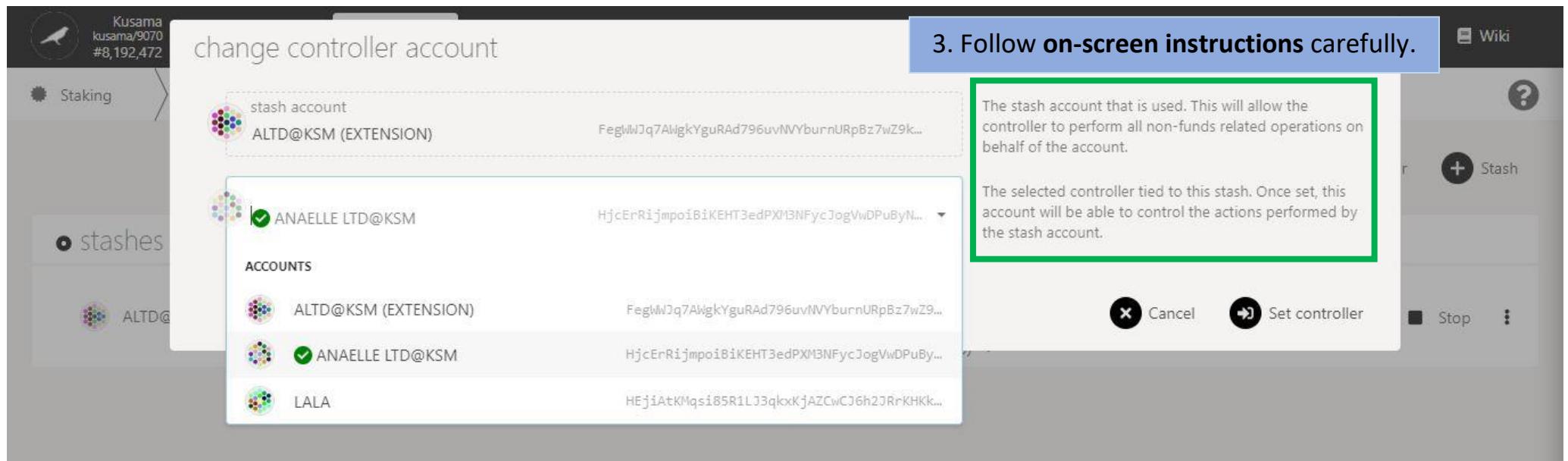
The screenshot shows the Polkadot-JS Staking interface with the 'Account actions' tab selected. At the top, there are tabs for Overview, Account actions (which is active), Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. Below the tabs are filters: 'All stashes' (selected), 'Nominators', 'Validators', and 'Inactive'. There are also buttons to '+ Nominator', '+ Validator', and '+ Stash'. The main area displays 'stashes' with columns for controller, rewards, and bonded amount (10.0279 KSM). For each stash, there are dropdown menus for Active nominations (1), Inactive nominations (9), and Waiting nominations (5). On the right, there is a 'Stop' button and a more options icon. A context menu is open over the first stash, listing options: Bond more funds, Unbond funds, Withdraw unbonded funds, Change controller account (which is highlighted with a green arrow), Change reward destination, and Set nominees.

2. Click on **Change controller account** to set a new controller for this stash.

- Bond more funds
- Unbond funds
- Withdraw unbonded funds
- Change controller account**
- Change reward destination
- Set nominees

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The screenshot shows the Polkadot-JS extension interface with the title "change controller account". It displays two account sections: "stash account" and "controller account", both set to "ALTD@KSM (EXTENSION)". A yellow warning box contains the text: "⚠️ Distinct stash and controller accounts are recommended to ensure fund security. You will be allowed to make the transaction, but take care to not tie up all funds, only use a portion of the available funds during this period." A green arrow points to this warning box. At the bottom right are "Cancel" and "Set controller" buttons, with "Set controller" being circled in green.

4. Double-check  
warning  
messages.

5. Click on **Set controller** to continue the procedure.

Nature of the transaction.

The screenshot shows the Polkadot-JS extension interface for Kusama. The top bar displays the network name 'kusama/9070 #8,192,487'. The main title is 'authorize transaction' for the call 'staking.setController(controller)'. A message box states 'Fees of 50.3328 micro KSM will be applied to the submission'. Below this, it says 'sending from my account ALTD@KSM (EXTENSION)' and provides a 'call hash' (0xad09c459c66cd2fc0b85240012bcd19e1bec407e2e32222743412fd0b56d3093). There is a toggle switch for 'Do not include a tip for the block author'. At the bottom, there are 'Sign and Submit' and 'Cancel' buttons, with 'Sign and Submit' circled in green. A yellow box labeled '6. Check the transaction fees.' is overlaid on the left side. A green arrow points from the text 'Nature of the transaction.' to the 'staking.setController queued' status in the top right corner. A blue box labeled '7. Click on Sign & submit to continue the procedure.' is overlaid at the bottom right.

authorize transaction

Sending transaction `staking.setController(controller)`  
(Re-)set the controller of a stash.

Fees of 50.3328 micro KSM will be applied to the submission

sending from my account  
ALTD@KSM (EXTENSION)

Do not include a tip for the block author

call hash  
0xad09c459c66cd2fc0b85240012bcd19e1bec407e2e32222743412fd0b56d3093

Sign and Submit

Cancel  Sign and Submit

6. Check the transaction fees.

staking.setController queued

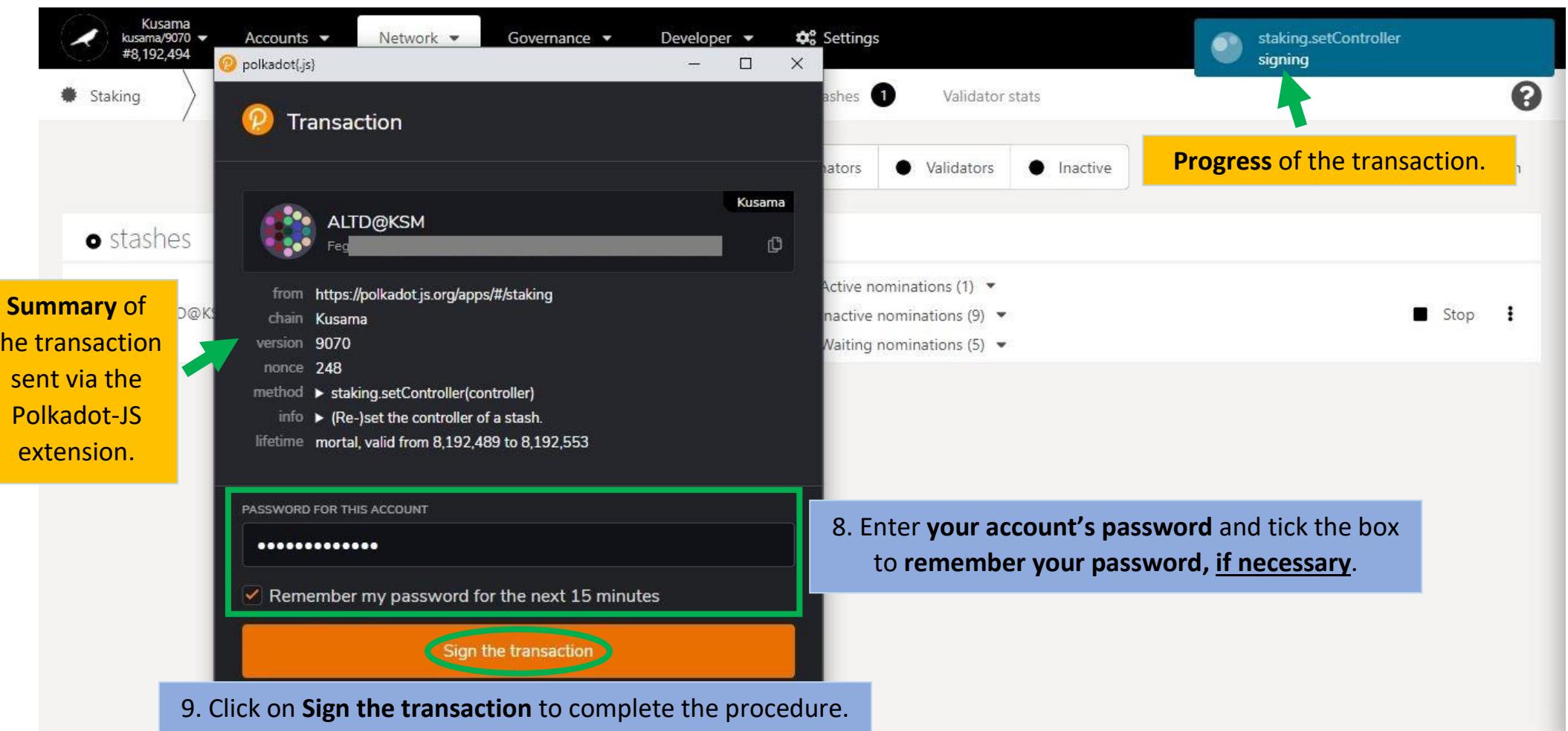
The details of the transaction including the type, the description (as available from the chain metadata) as well as parameters and fee estimations (as available) for this type of call.

The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

Adding an optional tip to the transaction could allow for higher priority, especially when the chain is busy.

The call hash as calculated for this transaction

7. Click on **Sign & submit** to continue the procedure.



- Change reward destination.

The screenshot shows the Polkadot-JS interface for the Kusama network. The top navigation bar includes links for Accounts, Network (selected), Governance, Developer, Settings, GitHub, and Wiki. Below the navigation is a secondary menu with tabs: Overview, Account actions (selected), Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. A sidebar on the left indicates the user is in the Staking section. The main content area displays a table of stashes. The first row shows a stash with the controller account ALTD@KSM (EXTENSION) and a nomination for ANAELLE LTD@KS. The second row shows a stash with the controller account ANAELLE LTD@KS and a nomination for ANAELLE LTD@KS. The table includes columns for controller, rewards, bonded amount (10.0279 KSM), and nomination status (Active, Inactive, Waiting). On the right side of the table, there are buttons for Nominator, Validator, and Stash creation, and a 'Stop' button. A green arrow points to the three vertical dots icon next to the second stash entry, which is highlighted with a blue callout box containing the instruction: "1. Click on the 3 vertical dots to view Staking settings."

controller	rewards	bonded	
ALTD@KSM (EXTENSION)		10.0279 KSM	Active nominations (1) Inactive nominations (9) Waiting nominations (5)
ANAELLE LTD@KS		10.0279 KSM	Stop

1. Click on the 3 vertical dots to view Staking settings.

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The screenshot shows the Polkadot-JS Staking interface. At the top, there are tabs: Staking, Overview, Account actions (which is selected), Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. Below the tabs are filters: All stashes (selected), Nominators, Validators, Inactive, and buttons to add a Nominator, Validator, or Stash. The main area displays 'stashes' with columns: controller, rewards, and bonded. It lists two stashes: 'ALTD@KSM (EXTENSION)' and 'ANAEILLE LTD@KS'. For 'ANAEILLE LTD@KS', it shows Staked: 10.0279 KSM, rewards: 10.0279 KSM, and nomination details: Active nominations (1), Inactive nominations (9), and Waiting nominations (5). A 'Stop' button and a more options icon are also present. A green arrow points to the 'Change reward destination' option in a dropdown menu on the right.

2. Click on **Change reward destination** to reset how/where your reward payouts are made.

- Bond more funds
- Unbond funds
- Withdraw unbonded funds
- Change controller account
**Change reward destination** →- Set nominees

3. Follow on-screen instructions carefully.

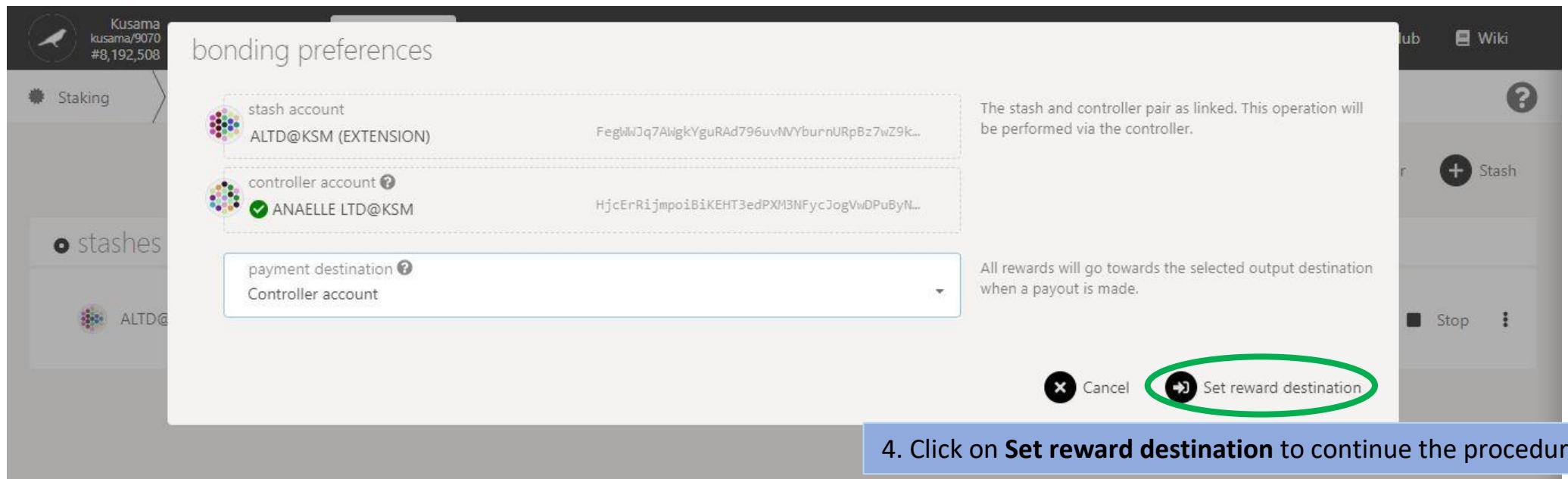
The stash and controller pair as linked. This operation will be performed via the controller.

All rewards will go towards the selected output destination when a payout is made.

Cancel Set reward destination

## GUIDE TO POLKADOT-JS – PART II: Network

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Nature of the transaction.

The screenshot shows the Polkadot-JS extension interface for a Kusama node. The top bar displays the node name "kusama/9070" and the block number "#8,192,513". The main title is "authorize transaction" under the "Staking" tab. The transaction details are for "staking.setPayee(payee)" with the description "(Re-)set the payment target for a controller." A green box highlights the fee information: "Fees of 39.6663 micro KSM will be applied to the submission". The transaction status is "queued". A green arrow points from the "Nature of the transaction." text to the "staking.setPayee queued" status. Below the transaction details, there are sections for "sending from my account" (ANAELE LTD@KSM), "call hash" (0x6fbf3cd12bb63dcf99c2dcb627080fb80d9dfa0d27962c5b20c5d8351ae18cab), and a toggle for "Do not include a tip for the block author". At the bottom, there are "Sign and Submit" and "Cancel" buttons, with "Sign and Submit" being circled in green. A blue box contains the instruction: "5. Check the transaction fees." Another blue box at the bottom contains the instruction: "6. Click on Sign & submit to continue the procedure."

authorize transaction

Sending transaction staking.setPayee(payee)  
(Re-)set the payment target for a controller.

Fees of 39.6663 micro KSM will be applied to the submission

sending from my account  
ANAELE LTD@KSM

HjcErRijmpoiBIKEHT3edPXH3NFycJogVwDPuByN...

Do not include a tip for the block author

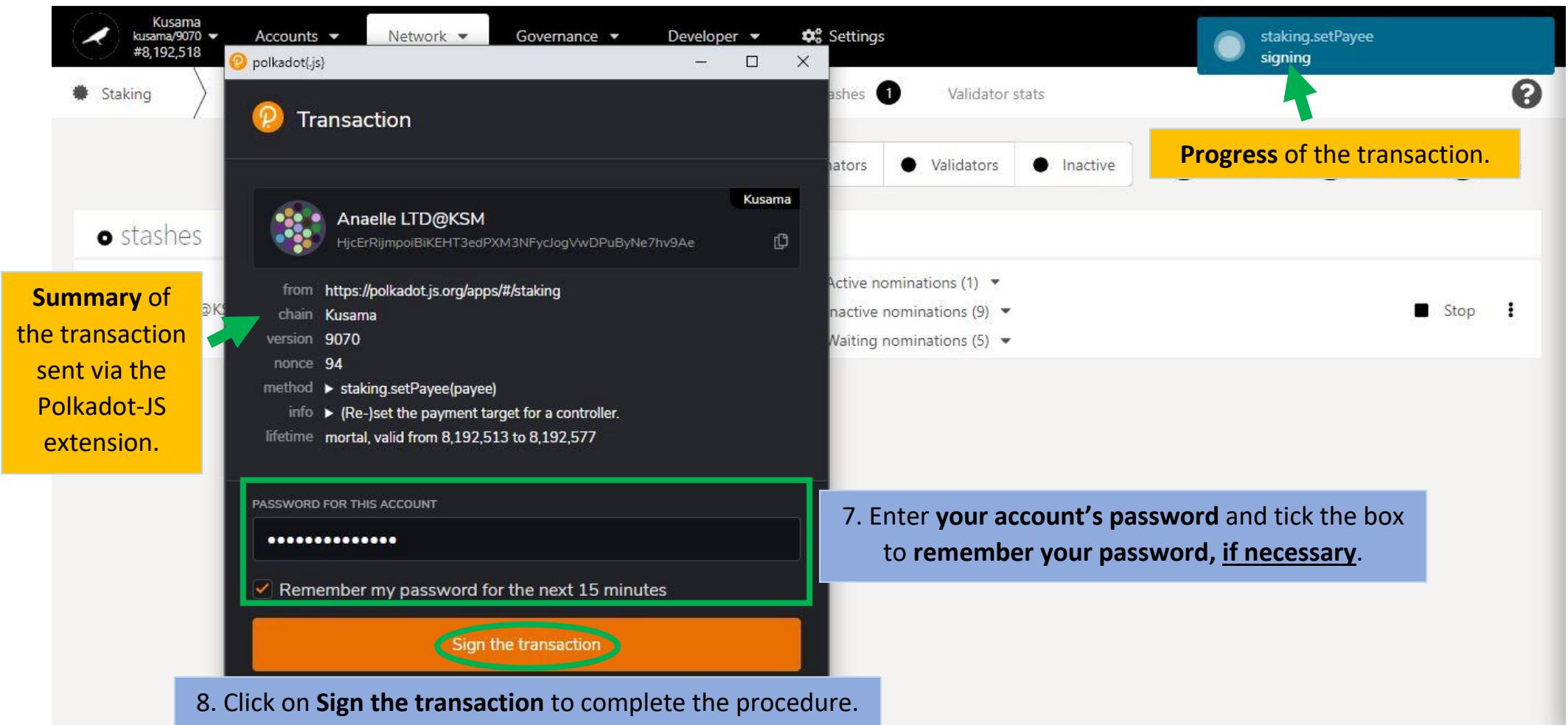
call hash  
0x6fbf3cd12bb63dcf99c2dcb627080fb80d9dfa0d27962c5b20c5d8351ae18cab

Sign and Submit

Cancel  Sign and Submit

5. Check the transaction fees.

6. Click on Sign & submit to continue the procedure.



- Set nominees.

The screenshot shows the Polkadot-JS web interface for the Kusama network. The top navigation bar includes links for Accounts, Network (selected), Governance, Developer, Settings, GitHub, and Wiki. Below the navigation is a secondary menu with tabs: Overview, Account actions (selected), Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. A sidebar on the left indicates the user is in the Staking section. The main content area displays a table of stashes. The first row shows a stash with controller 'ALTD@KSM (EXTENSION)' and a nomination for 'ANAEILLE LTD@KS'. The second row shows a stash with controller 'ANAEILLE LTD@KS' and a nomination for 'ANAEILLE LTD@KS'. The table includes columns for controller, rewards, bonded amount (10.0279 KSM), and nomination status (Active, Inactive, Waiting). A blue callout box with a green arrow points to the three vertical dots next to the second nomination entry, with the text: '1. Click on the 3 vertical dots to view Staking settings.'

controller	rewards	bonded	
ALTD@KSM (EXTENSION)		10.0279 KSM	Active nominations (1) ▾ Inactive nominations (9) ▾ Waiting nominations (5) ▾
ANAEILLE LTD@KS		10.0279 KSM	Stop ⚙️

## GUIDE TO POLKADOT-JS – PART II: Network

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The screenshot shows the Polkadot-JS Staking interface. At the top, there are tabs: Staking (selected), Overview, Account actions (highlighted with a blue border), Payouts, Targets, Waiting, Slashes (with a notification count of 1), and Validator stats. Below the tabs are filters: All stashes (selected), Nominators, Validators, Inactive, and buttons to add a Nominator, Validator, or Stash. The main area displays 'stashes' with columns: controller, rewards, and bonded. Two stashes are listed: ALTD@KSM (EXTENSION) and ANAELLE LTD@KS. For the ANAELLE LTD@KS stash, it shows 10.0279 KSM bonded. To the right of the stashes are dropdown menus for Active nominations (1), Inactive nominations (9), and Waiting nominations (5). A modal window is open on the right side with the following options:

- Bond more funds
- Unbond funds
- Withdraw unbonded funds
- Change controller account
- Change reward destination
- Set nominees** (this option is highlighted with a green arrow pointing to it)

A blue callout box contains the instruction: "2. Click on Set nominees to change your current selection of validators."

The screenshot shows the Polkadot-JS Staking interface with the 'nominate validators' tab selected. At the top, it displays the stash account (ALTD@KSM) and controller account (ANAELE LTD@KSM). Below this, two columns show 'candidate accounts' and 'nominated accounts'. The 'candidate accounts' column lists several validators, with the first one, JCghFN..KhPGez, highlighted by a green arrow. The 'nominated accounts' column lists six validators, all of which are checked (indicated by a green checkmark). A green box highlights the 'nominated accounts' section. In the bottom right corner, there are 'Cancel' and 'Nominate' buttons.

**3. Follow the new instructions carefully.**

The stash that is to be affected. The transaction will be sent from the associated controller account.

Nominators can be selected manually from the list of all currently available validators.

Once transmitted the new selection will only take effect in 2 eras taking the new validator election cycle into account. Until then, the nominations will show as inactive.

**4. Click on 10-16 validators' names or addresses to add them to your selection.**

**5. Double-check warning messages.**

**⚠️ You should trust your nominations to act competently and honestly; basing your decision purely on their current profitability could lead to reduced profits or even loss of funds.**

## GUIDE TO POLKADOT-JS – PART II: Network

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The screenshot shows the Polkadot-JS Staking interface with the 'nominate validators' tab selected. The top bar includes tabs for Accounts, Network, Coverage, Developers, and Settings, along with a GitHub icon and a Wiki link. On the left, there's a sidebar with 'Staking' and 'stashes' sections, and a list of accounts including 'ALTD@KSM'.

**6. Double-check your selection of validators.**

The main area displays two lists: 'candidate accounts' and 'nominated accounts'. The 'nominated accounts' list is highlighted with a green border and contains the following entries:

- MANTRADAO
- EARNSTASH/03
- SHAWN/04
- ICEBERG NODES /V1
- MELANGE

A yellow warning box at the bottom left states: "⚠ You should trust your nominations to act competently and honest; basing your decision purely on their current profitability could lead to reduced profits or even loss of funds."

**7. Click on Nominate to continue the procedure.**

At the bottom right, there are 'Cancel' and 'Nominate' buttons. The 'Nominate' button is circled in green.

**Information Labels:**

- The stash that is to be affected. The transaction will be sent from the associated controller account.
- Nominators can be selected manually from the list of all currently available validators.
- Once transmitted the new selection will only take effect in 2 eras taking the new validator election cycle into account. Until then, the nominations will show as inactive.

**Nature of the transaction.**

authorize transaction

Sending transaction `staking.nominate(targets)`  
Declare the desire to nominate targets for the origin controller.

Fees of 105.6656 micro KSM will be applied to the submission

8. Check the transaction fees.

The details of the transaction including the type, the description (as available from the chain metadata) as well as parameters and fee estimations (as available) for this type of call.

sending from my account  
ANAEILLE LTD@KSM

HjcErRijmpoiBiKEHT3edPXIM3NFycJogVwDPuByN...

Do not include a tip for the block author

call hash  
0x387b5a8c224730a6e029b53f87ef8c92d60880bb073d5329d4f2939e9c09864d

Sign and Submit

The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

Adding an optional tip to the transaction could allow for higher priority, especially when the chain is busy.

The call hash as calculated for this transaction

Cancel **Sign and Submit**

9. Click on **Sign & submit** to continue the procedure.

**JACKFLASH/FORKLESSNATION** MELANGE

**⚠️** You should trust your nominations to act competently and honest; basing your decision purely on their current profitability could lead to reduced profits or even loss of funds.

Cancel Nominate

The screenshot shows the Polkadot.js extension window for the Kusama network. The main title bar says "polkadot.js". The top navigation bar includes "Accounts", "Network", "Governance", "Developer", and "Settings". A blue header bar on the right says "staking.nominate signing". The left sidebar has "Staking" selected. The main content area is titled "Transaction" and shows a transaction from "Anaelle LTD@KSM" with the ID "HjcErRijmpoiBiKEHT3edPXM3NFycJogVwDPuByNe7hv9Ae". The transaction details are:

- from: https://polkadot.js.org/apps/#/staking
- chain: Kusama
- version: 9070
- nonce: 94
- method: ▶ staking.nominate(targets)
- info: ▶ Declare the desire to nominate 'targets' for the origin controller.
- lifetime: mortal, valid from 8,192,555 to 8,192,619

A yellow box on the left labeled "Summary of the transaction sent via the Polkadot-JS extension." has a green arrow pointing to the transaction details. A yellow box on the right labeled "Progress of the transaction." has a green arrow pointing to the "staking.nominate signing" header. A blue box at the bottom right contains the steps:

10. Enter your account's password and tick the box to remember your password, if necessary.
11. Click on Sign the transaction to complete the procedure.

The password input field is highlighted with a green border. The "Sign the transaction" button is circled with a green oval.

## c) Check payouts from recent eras.

1. Click Payouts.

Time left for validators to send the reward payouts.  
Note: Most validators will send the reward payouts within a day.

2. Click on Payout (all) to immediately receive rewards from your validator(s).

	eras	own	remaining
• payout/stash			
ALTD@KSM (EXTENSION)	2,434	0.0010 KSM	20 days 18 hrs
		0.0010 KSM	
• payout/validator			remaining
JACKFLASH/FORKLESSNATION	2,434	0.0010 KSM	20 days 18 hrs
		0.0010 KSM	1 own stashes

Payout all

Payout

## d) Manage pools information:

- View pools.

### 1. Click Pools.

pools	max. members	max. members / pool
60 / 64	65,536	16

### 2. Check your own existing pools.

Nomination pools in details:

Nomination pools allow people to bond their funds together under a single entity called “pool”. There are different roles that members can observe within a pool.

**Creator:** The initial member who paid the pool deposit and must be last to leave the pool.

**Nominator:** The member who picks pool validators.

**Toggler:** The member who opens, blocks, or destroys the pool.

**Root:** The member who can change/override certain roles within the pool.

Note: Funds that are bonded in a pool cannot be used to vote during referenda or to elect councillors. Pool members need to unbond and unlock their stake before they can switch pools.

3. Click All Pools to view all the pools registered on the network.

Number of validators selected by the pool.

Number of people in the pool.

Pool ID

Pool status

Pool funds

		state	points	Nominees	Members	
1	https://amforc.com   3% commission	Open	658.7231 KSM	(5)	(16)	<a href="#">Join</a>
2	SWISS POOL - Free-for-all Nomination pool - https://twitter.com/swiss_pool	Open	221.7215 KSM	(10)	(14)	<a href="#">Join</a>
3	SWISS POOL 2 - Free-for-all Nomination pool - https://twitter.com/swiss_pool	Open	45.2830 KSM	(10)	(3)	<a href="#">Join</a>
4	Paradox   ParaNodes.io - Nominating high return, trusted,indy validators.	Open	65.9127 KSM	(9)	(11)	<a href="#">Join</a>
5	Nomination pool managed by Joe Petrowski	Destroying	1.0000 KSM	(9)	(2)	<a href="#">Join</a>
6	THE POOL	Open	1.0000 KSM	(16)	(1)	<a href="#">Join</a>
7	ARISTOPHANES POOL	Open	8.0000 KSM	(8)	(3)	<a href="#">Join</a>

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

Kusama  
kusama/9271 ▾ Accounts ▾ Network ▾ Governance ▾ Developer ▾ Settings

GitHub Wiki

Staking Overview Accounts Payouts Pools Targets Bags Slashes Validator stats ?

pools  
60 / 64 max. members  
65,536 max. members / pool  
16

Own pools All pools Add pool

4. Click **Nominees** to view all the validators selected by the pool.

state points

1 https://amforc.com | 3% commission Open 658,7231 KSM

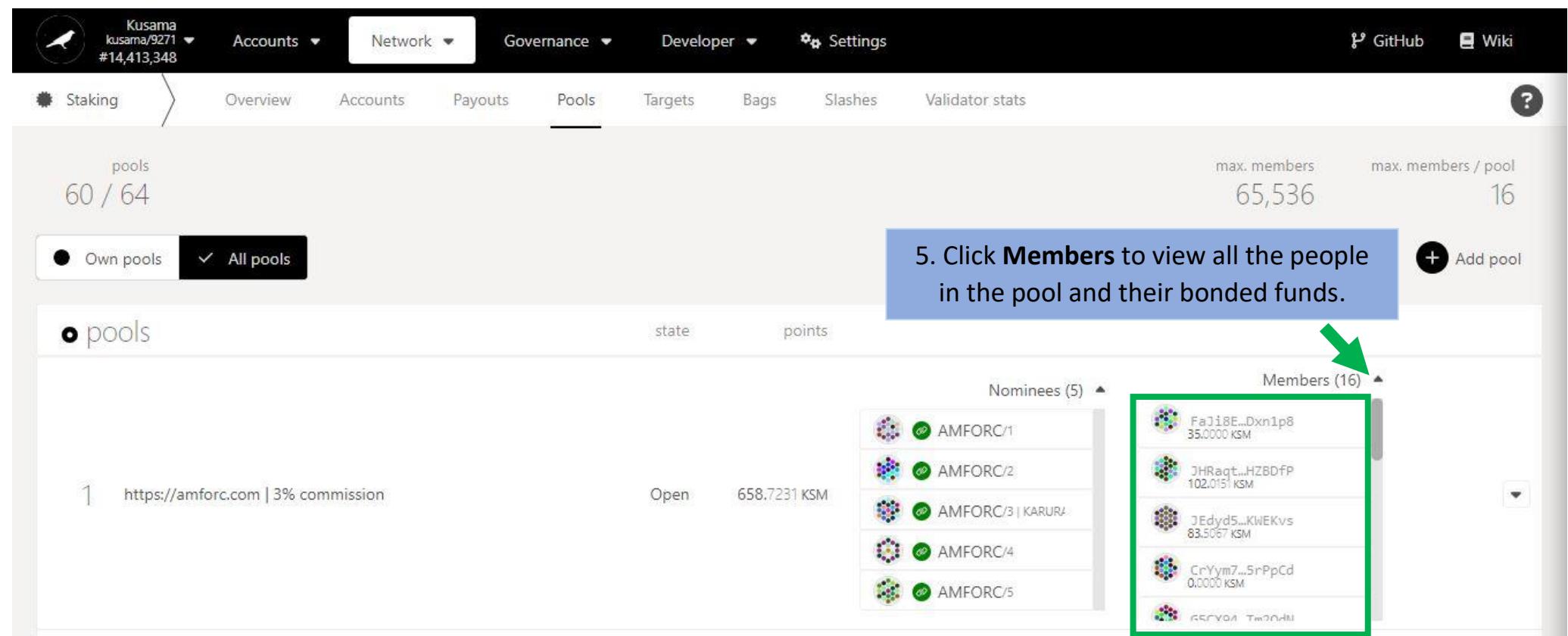
Nominees (5) ▲

Validator	Commission
AMFORC/1	3%
AMFORC/2	3%
AMFORC/3   KARURA	3%
AMFORC/4	3%
AMFORC/5	3%

Members (16) ▾

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0



Kusama  
kusama/9271 #14,413,348

Accounts Network Governance Developer Settings

Staking Overview Accounts Payouts Pools Targets Bags Slashes Validator stats ?

p GitHub Wiki

pools 60 / 64 max. members 65,536 max. members / pool 16

Own pools All pools

Add pool

5. Click **Members** to view all the people in the pool and their bonded funds.

Members (16)

Member	Bonded Funds
FaJi8E...Dxn1p8	35,000 KSM
JHRagt...HZBDfP	102,015 KSM
JEdyd5...KWEKvs	83,5067 KSM
CrYym7...5rPpCd	0,000 KSM
ASyvA...Tm20Hn	

1 https://amforc.com | 3% commission Open 658,7231 KSM

state points

Nominees (5)

Nominee	Points
AMFORC/1	
AMFORC/2	
AMFORC/3   KARURA	
AMFORC/4	
AMFORC/5	

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot.js Network interface. At the top, there's a navigation bar with tabs for Accounts, Network (selected), Governance, Developer, and Settings. On the far right are links for GitHub and Wiki. Below the navigation bar, there's a sub-navigation bar with tabs for Staking, Overview, Accounts, Payouts, Pools (selected), Targets, Bags, Slashes, and Validator stats. A question mark icon is also present.

The main content area displays a summary of pools: 60 / 64 pools, max. members 65,536, and max. members / pool 16. There are two filter buttons: "Own pools" (unchecked) and "All pools" (checked). A "Add pool" button is located on the right.

The "pools" section lists one pool entry:

1	https://amforc.com   3% commission	Open	658.7231 KSM
creator	AMFORC/NP-ROOT		
root	AMFORC/NP-ROOT		
nominator	AMFORC/NP-NOMIN		
toggler	AMFORC/NP-TOGLL		
stash	POOL 1 (STASH)		
rewards	POOL 1 (REWARD)		

A green box highlights the creator, root, nominator, toggler, stash, and rewards rows. A blue box highlights the "6. Click on the arrow to view all pool administrators." text and points to the arrow icon next to the stash row.

On the right side, a sidebar shows a list of pool administrators for AMFORC/1:

AMFORC/1	35.0000 KSM
AMFORC/2	JHRagt...HZBDfP 102.0151 KSM
AMFORC/3   KARURA	JEddyd5...KWEKvs 83.5067 KSM
AMFORC/4	CrYym7...5rPpCd 0.0000 KSM
AMFORC/5	G5CX94...Tm2QdN 0.5000 KSM

A green arrow points to the arrow icon at the end of the sidebar list.

- Bond funds and join pools.

Kusama  
kusama/9271 ▾ Accounts ▾ Network ▾ Governance ▾ Developer ▾ Settings GitHub Wiki

Staking Overview Accounts Payouts Pools Targets Bags Slashes Validator stats ?

pools  
60 / 64 max. members 65,536 max. members / pool 16

● Own pools ✓ All pools + Add pool

		state	points				
1	<a href="https://amforc.com">https://amforc.com</a>   3% commission	Open	658.7231 KSM	Nominees (5) ▾	Members (16) ▾	+ Join	▼
2	SWISS POOL - Free-for-all Nomination pool - <a href="https://twitter.com/swiss_pool">https://twitter.com/swiss_pool</a>	Open	221.7215 KSM	Nominees (10) ▾	Members (14) ▾	+ Join	▼
3	SWISS POOL 2 - Free-for-all Nomination pool - <a href="https://twitter.com/swiss_pool">https://twitter.com/swiss_pool</a>	Open	45.2830 KSM	Nominees (10) ▾	Members (3) ▾	+ Join	▼
4	Paradox   ParaNodes.io 🚀 - Nominating high return, trusted, indy validators.	Open	65.9127 KSM	Nominees (9) ▾	Members (11) ▾	+ Join	▼
5	Nomination pool managed by Joe Petrowski	Destroying	1.0000 KSM	Nominees (9) ▾	Members (2) ▾	+ Join	▼
6	THE POOL	Open	1.0000 KSM	Nominees (16) ▾	Memb	1. Click Join.	▼
7	🍀ARISTOPHANES POOL🍀	Open	8.0000 KSM	Nominees (8) ▾	Members (3) ▾	+ Join	▼
8	GATOTECH 😎 Top tech decentralisation <a href="https://gatotech.uk/pools">gatotech.uk/pools</a>	Open	28.7729 KSM	Nominees (24) ▾	Members (3) ▾	+ Join	▼

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot-JS Staking interface. The top navigation bar includes 'Accounts', 'Network', 'Governance', 'Developer', and 'Settings'. Below the navigation is a sidebar with 'Staking' selected, showing 'pools' (60 / 64) and a list of existing pools. The main content area is titled 'join nomination pool' and contains fields for 'join pool from' (ANAEILLE LTD@KSM) and 'initial value' (0.1000 KSM). A green box highlights the 'initial value' field with the instruction: 'The initial value to assign to the pool. It is set to the maximum of the minimum bond and the minium nomination value.' A blue box at the top right says '2. Follow on-screen instructions carefully.' A green circle highlights the 'Join' button, which is also highlighted with a blue box. A blue box at the bottom right says '3. Click on Join to continue the procedure.'

Kusama  
kusama/9271 #14,413,355

Accounts Network Governance Developer Settings

GitHub Wiki

Staking Overview Accounts Pools Tokens Run Slackers Validation state

join nomination pool

join pool from ANAEILLE LTD@KSM HjcErRijmpoiBiKEHT3edPXMBNFycJogVwDPuByN...

initial value 0.1000 KSM

members / pool 16

Add pool

2. Follow on-screen instructions carefully.

The account that is to join the pool.

The initial value to assign to the pool. It is set to the maximum of the minimum bond and the minium nomination value.

+ Join

3. Click on Join to continue the procedure.

The screenshot shows the Polkadot.js extension interface for the Kusama network. The top navigation bar includes links for Accounts, Network, Governance, Developer, and Settings. Below the navigation is a sidebar with Staking, Overview, Accounts, Governance, People, Transfers, Pools, Circles, and Multidimensional tabs. The Staking tab is selected, showing 60 / 64 pools. A sub-menu for 'Own pools' is open. The main content area is titled 'authorize transaction' and shows the following steps:

- Sending transaction nominationPools.join(amount, poolId)
- Stake funds with a pool. The amount to bond is transferred from the member to the pools account and immediately increases the pools bond.
- Fees of 49.4295 micro KSM will be applied to the submission (highlighted with a green border).

Below these steps are several configuration options:

- sending from my account: ANAELLE LTD@KSM
- HjcErRijmpoiBiKEHT3edPXl3NFycJogVwDPuByN... (transaction hash)
- Do not include a tip for the block author (checkbox)
- call hash: 0xd661bd13a4e1da549f215fd3dcce639cfec91f59e66c96c62f42ad72843130c2
- Sign and Submit (button)
- Sign and Submit (button, circled in green)

A blue callout box labeled '4. Check the transaction fees.' points to the third step. Another blue callout box labeled '5. Click on Sign & submit to continue the procedure.' points to the green-circled 'Sign and Submit' button.

5. Click on **Sign & submit** to continue the procedure.

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot-JS extension interface. A yellow box on the left contains the text: "Summary of the transaction sent via the Polkadot-JS extension." A green arrow points from this text to the "Sign the transaction" button in the central dialog. The dialog is titled "Transaction" and shows details for a pool named "Anaelle LTD@KSM". The transaction summary includes:

- from: <https://polkadot.js.org/apps/?rpc=wss%3A%2F%2Fkusama-rpc.polkadot.io#/staking/pools>
- chain: Kusama
- version: 9271
- nonce: 464
- method: nominationPools.join(amount, poolId)
- info: Stake funds with a pool. The amount to bond is transferred from the user's account to the pool.
- lifetime: mortal, valid from 14,413,612 to 14,413,676

Below the summary, there is a checkbox: "Extend the period without password by 15 minutes" followed by a large orange button labeled "Sign the transaction".

A blue box at the bottom contains the instruction: "6. Click on Sign the transaction to complete the procedure."

The background shows a list of pools with their details:

pool	points	Nominees	Members	Join
7231 KSM	(5)	(16)	(16)	
7215 KSM	(10)	(14)	(14)	+ Join
2830 KSM	(10)	(3)	(3)	+ Join
9127 KSM	(9)	(11)	(11)	+ Join
0000 KSM	(9)	(2)	(2)	
0000 KSM	(16)	(1)	(1)	+ Join
0000 KSM	(8)	(3)	(3)	+ Join
0000 KSM	(24)	(3)	(3)	+ Join

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot.js Network interface. At the top, there are tabs for Accounts, Network (selected), Governance, Developer, and Settings. Below the tabs, there are sub-tabs for Overview, Accounts, Payouts, Pools (selected), Targets, Bags, Slashes, and Validator stats. A question mark icon is in the top right corner. On the left, a sidebar shows a Staking icon and the text "Staking". The main area displays a pool named "GATOTECH" with details: state "Open", points "28.8729 KSM", nominees "24", members "4", and a "Join" button. The max. members are "65,536" and the max. members / pool is "16".

### 7. The pool is now visible in your own pools!

This screenshot shows the same Polkadot.js interface, but the Pools tab is selected. The main area displays a list of pools, with the first one being "GATOTECH" from the previous screenshot. The list includes columns for name, state, points, nominees, members, and a "Join" button. The total number of pools is "60 / 64".

This screenshot shows the same Polkadot.js interface, but the Pools tab is selected. The main area displays a list of pools, with the first one being "GATOTECH" from the previous screenshots. The list includes columns for name, state, points, nominees, members, and a "Join" button. The total number of pools is "60 / 64".

### 8. Your account appears under the list of pool members!

This screenshot shows the members of the "GATOTECH" pool. The members are listed in a table with columns for account name, KSM balance, and a "Join" button. One member, "ANAEILLE LTD@KS", is highlighted with a green border.

Members (4) ▲
DXSAUk...2aNF4m 3.9399 KSM
GATOTECH/POOL 10.0350 KSM
GATOTECH/UK3 14.6000 KSM
ANAEILLE LTD@KS 0.1000 KSM

- Unbond funds and leave pools.

Kusama  
kusama/9271 #14,413,633

Accounts Network Governance Developer Settings

GitHub Wiki

Staking Overview Accounts Payouts Pools Targets Bags Slashes Validator stats

?

Stashed Pooled

pools

	account	bonded	claimable
8 GATOTECH 🐈 Top tech decentralisation <a href="#">gatotech.uk/pools</a>	ANAEILLE LTD@KSM	0.1000 KSM	

Active nominations (1)  
Inactive nominations (10)  
Waiting nominations (13)

Kusama  
kusama/9271 #14,413,637

Accounts Network Governance Developer Settings

GitHub Wiki

Staking Overview Accounts Payouts Pools Targets Bags Slashes Validator stats

?

Stashed Pooled

pools

	account	bonded	claimable
8 GATOTECH 🐈 Top tech decentralisation <a href="#">gatotech.uk/pools</a>	ANAEILLE LTD@KSM	0.1000 KSM	

Active nominations (1)  
Inactive nominations (10)  
Waiting nominations (13)

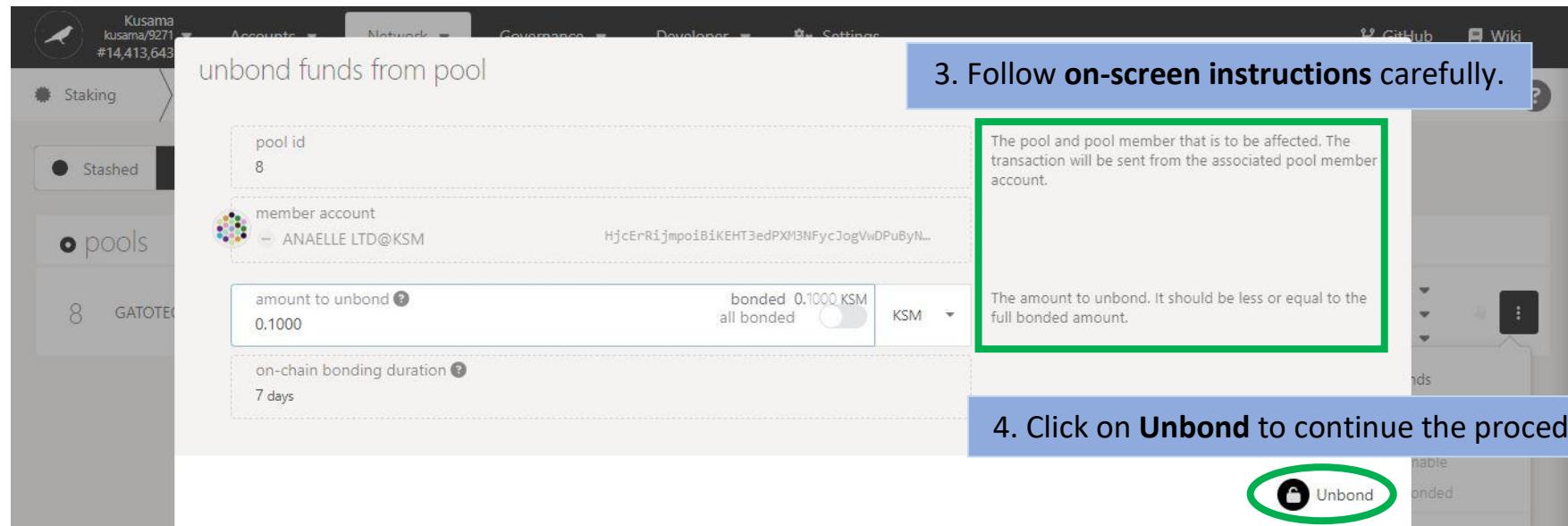
1. Click on the 3 vertical dots to view the settings.

2. Click on Unbond funds to decrease the amount of KSM you are staking.

Bond more funds  
Unbond funds  
Withdraw claimable  
Withdraw unbonded  
Set nominees

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

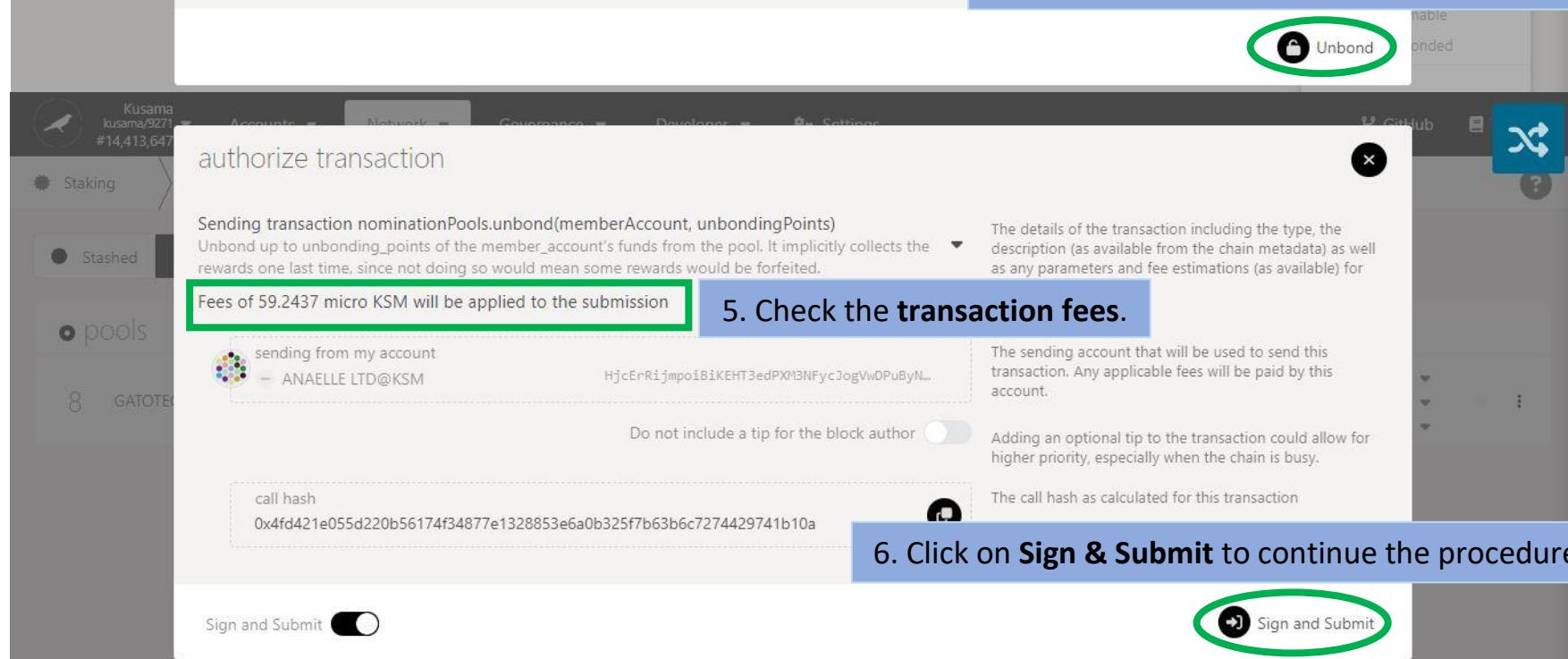


3. Follow on-screen instructions carefully.

The pool and pool member that is to be affected. The transaction will be sent from the associated pool member account.

The amount to unbond. It should be less or equal to the full bonded amount.

4. Click on **Unbond** to continue the procedure.



5. Check the transaction fees.

The details of the transaction including the type, the description (as available from the chain metadata) as well as any parameters and fee estimations (as available) for

The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

Adding an optional tip to the transaction could allow for higher priority, especially when the chain is busy.

The call hash as calculated for this transaction

6. Click on **Sign & Submit** to continue the procedure.



## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot-JS extension interface for the Kusama network. The main window displays a transaction for an unbonding operation. The transaction details are as follows:

- from: <https://polkadot.js.org/apps/?rpc=wss%3A%2F%2Fkusama-rpc.polkadot.io#staking/pools>
- chain: Kusama
- version: 9271
- nonce: 465
- method: nominationPools.unbond(memberAccount, unbondingPoints)  
info: Unbond up to `unbonding\_points` of the `member\_account`'s ...
- lifetime: mortal, valid from 14,413,647 to 14,413,711

A green arrow points to the "Sign the transaction" button, which is highlighted with a green circle. A yellow box on the left contains the following text:

**Summary of the transaction sent via the Polkadot-JS extension.**

7. Click on **Sign the transaction** to complete the first part of the unbonding procedure.

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

Kusama  
kusama/9271 #14,413,658

Accounts Network Governance Developer Settings

Staking Overview Accounts Payouts Pools Targets

Stashed Pooled

8 GATOTECH Top tech decentralisation [gatotech.uk/pools](https://gatotech.uk/pools)

account bonded claimable

Unbonding 0.1000 KSM  
98,041 blocks, 6 days 19 hrs

ANAELE LTD@KSM 0.1000 KSM

Active nominations (1) Inactive nominations (10) Waiting nominations (13)

8. Your funds have now entered an unbonding period!  
You will need to wait for 7 days before you can  
complete the procedure.

Kusama  
kusama/9280 #14,613,153

Accounts Network Governance Developer Settings

Staking Overview Accounts Payouts Pools Targets Bags Slashes Validator stats

Stashed Pooled

8 GATOTECH Top tech decentralisation [gatotech.uk/pools](https://gatotech.uk/pools)

account bonded claimable

0.1000 KSM

Active nominations (1) Inactive nominations (9) Waiting nominations (14)

9. After 7 days, you can  
resume the procedure.

10. Click on the padlock.



The screenshot shows the Polkadot-JS extension interface for the Kusama network. A yellow callout box on the left contains the text: "Summary of the transaction sent via the Polkadot-JS extension." An arrow points from this text to the "Sign the transaction" button in the central modal window.

**Summary of the transaction sent via the Polkadot-JS extension.**

**Transaction**

Anaelle LTD@KSM

Kusama

from: https://polkadot.js.org/apps/?rpc=wss%3A%2F%2Fkusama-rpc.polkadot.io#accounts

chain: Kusama

version: 9280

nonce: 477

method: nominationPools.withdrawUnbonded(memberAccount, numSl...)

info: Withdraw unbonded funds from 'member\_account'. If no bon...

lifetime: mortal, valid from 14,613,162 to 14,613,226

Extend the period without password by 15 minutes

**Sign the transaction**

11. Click on **Sign the transaction** to complete the second part of the unbonding procedure.

bonded claimable

0.1000 KSM

Active nominations (1) ▾

Inactive nominations (9) ▾

Waiting nominations (14) ▾

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot.js interface for the Kusama network. The top navigation bar includes links for Accounts, Network, Governance, Developer, and Settings, along with GitHub and a settings icon. Below the navigation is a secondary menu with Staking, Overview, Accounts, Payouts, Pools, Targets, Bags, Slashes, and Validator stats. The Staking tab is selected. Under Staking, there are two tabs: Stashed (selected) and Pooled (highlighted with a black border). A blue banner at the top of the main content area reads "12. Your funds have been released from the pool!". Below this, a message says "Not participating in any pools. Join a pool first." The entire "Not participating in any pools..." message is highlighted with a green rectangular box.

- Add pools.

[TBC]

- Remove pools.

[TBC]

## e) Check nomination targets.

1. Click Targets.

total staked  
5.4360 MKSM 48%

returns  
15.4%

lowest / avg staked  
4,184 / 6,040 KSM 69%

last reward  
571.7473 KSM

Key information on staking targets: **average returns, amount staked, and amounts rewarded.**

Most profitable      Nominate selected

Next session      Produced blocks      Online message      Nominating      Oversubscribed      Slashed      Blocks nominations

filter by name, address or index

single from operator      no 20%+ comm      no at capacity      recent payouts      only elected      only with an identity

validators       nominators

nominators	comm.	total stake	own stake	return
53	1079	0.00%	5,201.0601 KSM	53.2691 KSM 17.85%
40	992	0.00%	5,201.1276 KSM	52.2532 KSM 17.85%
38	396	0.00%	5,204.0231 KSM	10.1186 KSM 17.84%
35	1135	0.00%	5,205.6390 KSM	55.0159 KSM 17.83%

2. Switch the **filters ON or OFF** to display your **targeted data**.

Ex: You can choose to view only validators who take <20% commission and are not full.

This validator is in your **current selection of validators**.

3. Scan through validators' data and **compare it to your staking targets**.

The screenshot shows the Polkadot-JS Staking interface. At the top, there's a navigation bar with tabs for Accounts, Network, Governance, Developer, and Settings. Below the navigation bar, there's a header with a user icon, the network name 'Kusama', account details 'kusama/9070 #8,195,592', and a total staked amount of '5.4360 MKSM' (48%). The main content area is titled 'Targets' and shows a blue callout with the instruction: '5. Click on **Nominate selected** to replace your current list of validators with a new selection.' It also includes a note: 'Note: If you do not select your current active validator, it will be removed!' Below this, another callout in a yellow box says: 'You can click **Most profitable** to automatically select the top 16 rewarders.' To the right of this text are two buttons: 'Most profitable' (with a checkmark icon) and 'Nominate selected' (with a hand icon). A green arrow points from the text in the yellow box to the 'Nominate selected' button, which is circled in green. The bottom part of the interface shows a table of validators. The first column has a radio button labeled 'validators'. The table includes columns for index, name, nominators, comm., total stake, own stake, return, and checkboxes for selecting validators. The checkboxes for validators 11, 12, and 17 are checked and highlighted with a green border, while the checkbox for validator 15 is unchecked. A green box highlights the checkboxes for validators 11, 12, and 17.

			nominators	comm.	total stake	own stake	return		
★	11	ALLNODES/41	53	1079	0.00%	5,201.0601 KSM	53.2691 KSM	17.85%	<input checked="" type="checkbox"/>
★	12	SHOTMAKER/0	40	992	0.00%	5,201.1276 KSM	52.2532 KSM	17.85%	<input checked="" type="checkbox"/>
★	15	STAKE-OPS/1	38	396	0.00%	5,204.0231 KSM	10.1186 KSM	17.84%	<input type="checkbox"/>
★	17	MELANGE	35	1135	0.00%	5,205.6390 KSM	55.0159 KSM	17.83%	<input checked="" type="checkbox"/>

4. Tick the box to select **10-16 validators** that match your staking targets.

## f) Check nomination bags:

- View bags

1. Click Bags.

total bags  
164

total nodes  
10,393

my nodes  
1

**Key information on nomination bags (i.e semi-sorted lists of nominators within a particular stake range):  
total numbers of bags, total number of nodes, and number of nodes linked to your stashes.**

The All bags list is composed of bags that each describe a range of active bonded funds of the nominators. In each bag is a list of nodes that correspond to a nominator and their staked funds.

Within the context of a single bag, nodes are not sorted by their stake, but instead placed in insertion order. In other words, the most recently inserted node will be the last node in the bag, regardless of stake. Events like staking rewards or slashes do not automatically put you in a different bag. The bags-list pallet comes with an important permissionless extrinsic: rebag. This allows anyone to specify another account that is in the wrong bag, and place it in the correct one.

bags	max	min	first	last	stashes	nodes
	103.2777 KSM	90.1564 KSM	GvdptK...CHQPxr	MC/02	KSM 100.6185 KSM	Move up 20 129

Maximum and minimum bonded amounts for this bag of nominations.

First and last inserted stashes/nodes for this bag of nominations.

Owned stash/node inserted in this bag of nominations.

Total number of stashes/nodes inserted in this bag of nominations.

2. Check the information for your owned bags.

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

Kusama  
kusama/9271 ▾ Accounts ▾ Network ▾ Governance ▾ Developer ▾ Settings

GitHub Wiki

Staking Overview Accounts Payouts Pools Targets Bags Slashes Validator stats ?

total bags 164 total nodes 10,393 my nodes 1

My bags All bags

3. Click All bags to view the entire list of bags for the network.

The All bags list is composed of bags that each describe a range of active bonded funds of the nominators. In each bag is a list of nodes that correspond to a nominator and their staked funds.

Within the context of a single bag, nodes are not sorted by their stake, but instead placed in insertion order. In other words, the most recently inserted node will be the last node in the bag, regardless of stake. Events like staking rewards or slashes do not automatically put you in a different bag. The bags-list pallet comes with an important permissionless extrinsic: rebag. This allows anyone to specify another account that is in the wrong bag, and place it in the correct one.

bags	max	min	first	last	stashes	nodes
	158,694.0896 KSM	120,931.7228 KSM	CwCxSR...iaWhxi	EGP7Xz...tttkFg		
	120,931.7228 KSM	105,567.4384 KSM	HgTtJu...Q7BNvX	J3eGuL...5CaABG		
	105,567.4384 KSM	92,155.1748 KSM	G1rrUN...BitXwf	Dp4NSG...DE7VS8		
	92,155.1748 KSM	80,446.9292 KSM	D3icRv...FVwtvP	HBVw5b...JUwLx5		

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4. Scroll down to find your bag in the list.

118.3088 KSM	103.2777 KSM	Fngqc...3W5tvD	PO-KU PEOPLE	KSM 100.6185 KSM	Move up 20	129
103.2777 KSM	90.1564 KSM	GvdptK...CHQPxr	MC/02	KSM 100.6185 KSM	Move up 20	129
90.1564 KSM	78.7021 KSM	FSGtpc...luauHd	PARADOX/1KV	KSM 100.6185 KSM	Move up 20	129
78.7021 KSM	68.7030 KSM	HEANF8..CxwXj1	STAKER SPACE/3	KSM 100.6185 KSM	Move up 20	129
68.7030 KSM	59.9743 KSM	FndHPA...C9N7pz	RUBY	KSM 100.6185 KSM	Move up 20	129
59.9743 KSM	52.3546 KSM	HIGH/STAKE	ERNST KINTS/01	KSM 100.6185 KSM	Move up 20	129
52.3546 KSM	45.7030 KSM	CIPRIANI	MC	KSM 100.6185 KSM	Move up 20	129

5. You might get the option to move your node/stash up within the bag.

- Reposition bags

118.3088 KSM	103.2777 KSM	Fngqc...JWStvD	PO-KU PEOPLE 🌐			
103.2777 KSM	90.1564 KSM	GvdptK...CHQPxr	MC/02	KSM 100.6185 KSM	<b>▲ Move up 20</b>	129
90.1564 KSM	78.7021 KSM	FSGtpc...WuauiHd	PARADOX/1KV			
78.7021 KSM	68.7030 KSM	HEANF8...CxwXj1	STAKER SPACE/3			
68.7030 KSM	59.9743 KSM	FndHPA...C9N7pz	RUBY💎			
59.9743 KSM	52.3546 KSM	HIGH/STAKE ⚡	ERNST KINTS/01			
52.3546 KSM	45.7030 KSM	CIPRIANI	MC			

1. Click **Move up 20** to start repositioning your node/stash.



authorize transaction

Sending transaction voterList.putInFrontOf(lighter)  
Move the caller's Id directly in front of lighter.

Fees of 53.4885 micro KSM will be applied to the submission

2. Check the transaction fees.

The details of the transaction including the type, the description (as available from the chain metadata) as well as meterers and fee estimations (as available) for this type of call.

sending from my account  
KSM

proxy account ⓘ  
ANAEILLE LTD@KSM HjcErRijmpoiBiKEHT3edPXH3NFycJogVwDPuByN...

Use a proxy for this call

This could either be an approval for the hash or with full call details. The call as last approval triggers execution.

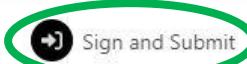
Do not include a tip for the block author

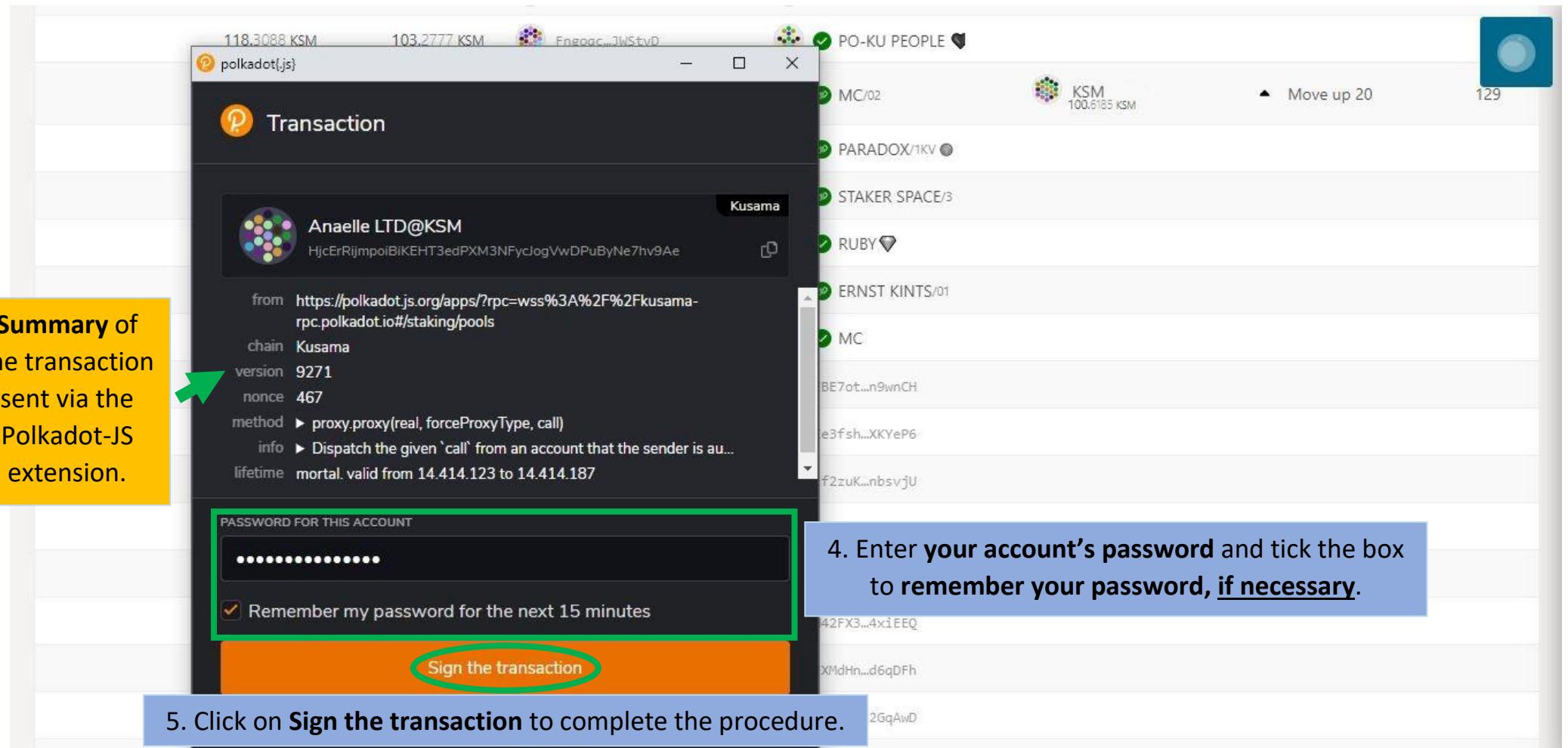
Adding an optional tip to the transaction could allow for higher priority, especially when the chain is busy.

call hash  
0x21babec189c8cad8a2ff36accb4dc9ecf6d5c7c05b38d9ebf8e3aac286a4634d

Sign and Submit

3. Click on **Sign & submit** to continue the procedure.

Sign and Submit 



118.3088 KSM	103.2777 KSM	Fng0qc...JWStvD	PO-KU P	6. Your position is now maintained or updated.
103.2777 KSM	90.1564 KSM	GvdptK...CHQPxR	MC/02	KSM 100.6185 KSM
90.1564 KSM	78.7021 KSM	FS5tpc...WuauiHd	PARADOX/1KV	
78.7021 KSM	68.7030 KSM	HEANF8...CxwXj1	STAKER SPACE/3	
68.7030 KSM	59.9743 KSM	FndHPA...C9N7pz	RUBY	
59.9743 KSM	52.3546 KSM	HIGH/STAKE	ERNST KINTS/01	
52.3546 KSM	45.7030 KSM	CIPRIANI	MC	
45.7030 KSM	39.8965 KSM	6CBgGj...y2p4g7	EBE7ot...n9wnCH	

129

g) Check the list of waiting validators.

1. Click Waiting.

The screenshot shows the Polkadot-JS Staking interface. At the top, there is a navigation bar with tabs: Accounts, Network, Governance, Developer, Settings, GitHub, and Wiki. Below the navigation bar, there is a sub-navigation bar with tabs: Overview, Account actions, Payouts, Targets, Waiting (which is highlighted with a green arrow), Slashes (with a notification badge '1'), and Validator stats. There are also several status indicators: Next session, Produced blocks (5), Online message, Nominating, Oversubscribed, Slashed, and Blocks nominations. A search bar is present with the placeholder "filter by name, address or index". A toggle switch is set to "only with an identity". On the left, there is a section titled "intentions" listing various validators with their logos and names: TWINNET/STASH, KEEPNODE/HYDROGEN, JACO/V37, ZUG CAPITAL/82, RYABINA/[44] T.ME/KUSAMA\_BOT, JACO/V36, and RYABINA/[47] T.ME/KUSAMA\_BOT. On the right, there is a table titled "nominators" with columns: nominators, commission, and PS. The table lists seven rows of nominations, each with a dropdown menu and a PS icon. The last row is highlighted with a green box and a green arrow pointing to the PS icon.

nominators	commission	PS
Nominations (10)	10.00%	
Nominations (134)	2.00%	
Nominations (34)	2.00%	
Nominations (21)	2.50%	
Nominations (47)	3.00%	
Nominations (26)	2.00%	
Nominations (22)	3.00%	

Number of nominations **backing each unelected validator.**

h) Check the list of slashed validators.

1. Click **Slashes**.

Key information on staking slashes: **validators & nominators concerned, time frames, amount.**

era 2,426      ✓ Cancel selected      ✓ Cancel all

era 2426/unapplied	reporters	own	other	total	payout
BIT CAT/N2	Nominators (1)	EZu6BF...RowHPr	0.0005 KSM	0.0858 KSM	0.0864 KSM
			0.0043 KSM		

2. Click on the slashed validator's name to view a summary of its account.

3. Click on the dropdown arrow to view slashed nominators' information.

All amounts slashed are used to **fund the Treasury**.

## i) Check the statistics of individual validators.

1. Click Validator stats.

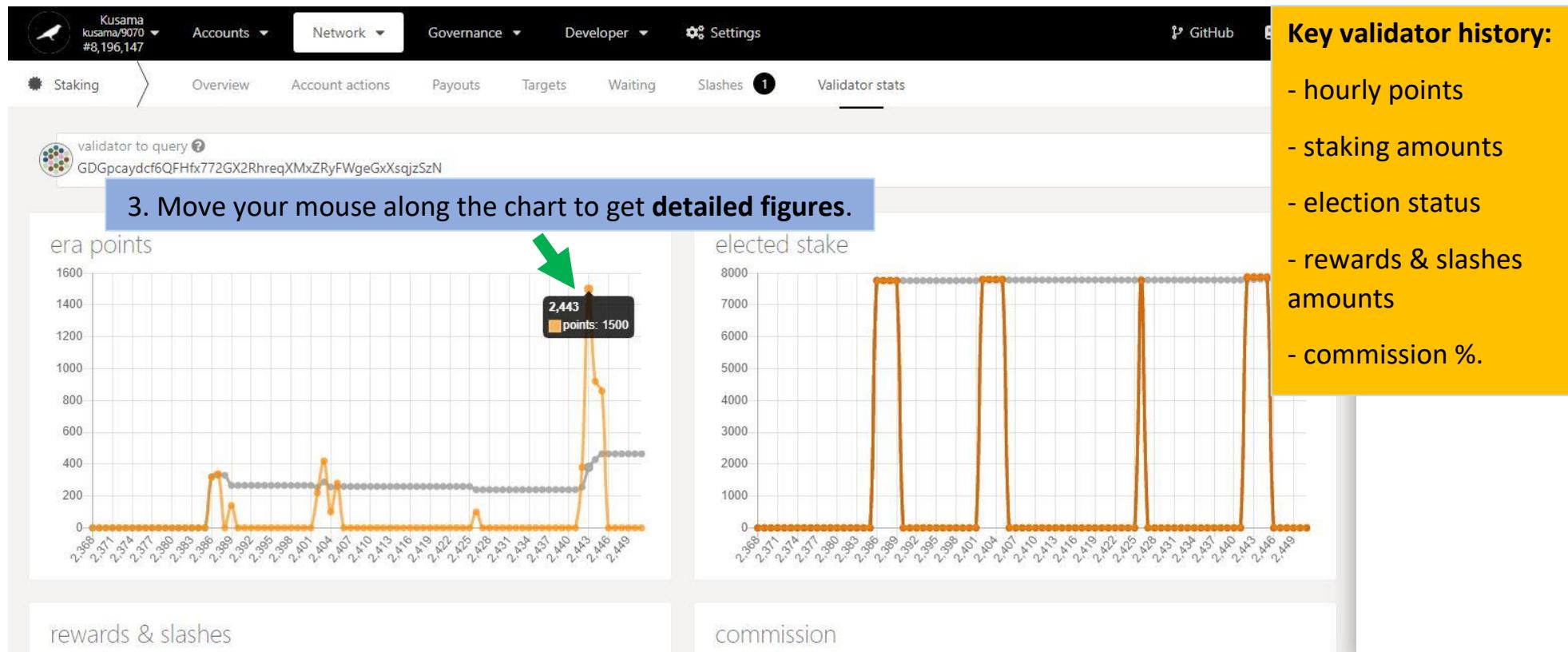
Kusama  
kusama/9070 #8,196,117

Accounts Network Governance Developer Settings

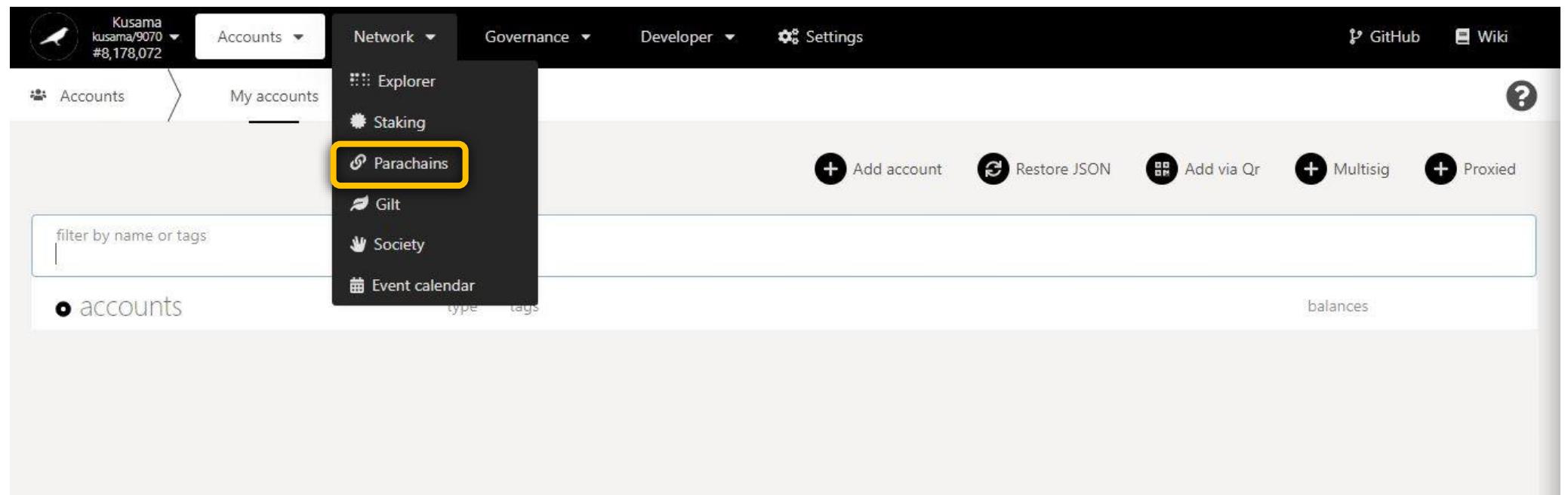
Staking Overview Account actions Payouts Targets Waiting Slashes 1 Validator stats

validator to query ?  
GDGpcaydcf6QFHfx772GX2RreqXMxZRyFWgeGxXsqjzSzN

2. Enter/Paste the **address of a validator**, then click the **arrow** to view the validator's information.



### 3. Parachains: Explore parachain-related activities.



## a) View general parachain information.

**Key information on parachains: waiting parathreads, current lease period's ID, and lease period's duration.**

parachains	parathreads	current lease	lease period	finalized	epoch
4	16	13	42 days 16 days 32 mins	61% 8,236,477	1 hr 8 mins 42 s 85%

**Parachains or Parathreads?**

lifecycle	included	backed	timeout	chain	in/out (msg)	leases
1,000 Statemine Parachain	12 s	8,236,475	8,236,476	274,757 statemine/1	0 (0) 0 (0)	13 - 23 436 days 32 mins
2,000 Karura Parachain	6 s	8,236,476	8,236,475	92,217 karura/1002	0 (0) 0 (0)	13 - 20 310 days 32 mins
2,007 Shiden Parachain	6 s	8,236,476	8,236,475	3,878 shiden/1	0 (0) 0 (0)	13 - 20 310 days 32 mins
2,023 Moonriver Parachain	12 s	8,236,475	8,236,476	54,486 moonriver/53	0 (0) 0 (0)	13 - 20 310 days 32 mins

**Parachains summary:**

- **Included:** Blocks produced by parachain collators.
- **Backed:** Blocks validated by relay chain (para)validators.
- **Chain:** Parachain runtime (chain spec) versions.
- **In/Out (msg):** Cross-chain messages sent/received by the parachain.
- **Leases:** Lease period IDs allocated to the parachain (when it obtained a slot) and their total duration (in days and minutes).

**Registered ParalIDs.**

**Registered names.**

## b) View onboarded parachains.

1. Click Parathreads.

2. Click ParID to register your network as a parathread.

parathread	Registered names.	lifecycle	Parachains or Parathreads?	leases
2,001 Bifrost	LIEBI TECH	Parathread		None Deregister
2,004 Khala Network	DaEJPY...VPeIvv...	Parathread		None Deregister
2,006 Darwinia Crab Redire...	CoxPms..MxXqZ9	Parathread		None Deregister
2,008 Mars	ARESLAB	Parathread		None Deregister
2,009 PolkaSmith by Polka...	POLKAFOUNDRY	Parathread		None Deregister

Registered ParIDs.

Addresses of currently registered parathreads.

**NEVER SEND YOUR KSM TO A PARATHREAD'S ADDRESS!**

Lease period IDs obtained.

## c) View auctions' progress.

**1. Click Auctions.**

Kusama  
kusama/9070  
#8,236,487

Accounts Network Governance Developer Settings GitHub Wiki

Parachains Overview Parathreads Auctions

Key information on auctions: **auction number, activity, lease period IDs, and timings.**

auctions active first - last end period at  
4 yes 13 - 20 #8,251,581  
1 day 1 hr

Countdown to auction's end period  
(during which the winning bid will be determined).

bids bidder crowdloan leases value

latest 2,004 Khala Network F3opxR...CSn4SK Yes 13 - 20 56,678.9716 KSM

Is there a crowdloan campaign associated to this bid?

Address(es) of current bidder(s).  
**NEVER SEND YOUR KSM TO A BIDDER'S ADDRESS!**

**Targeted lease period IDs.**

**KSM amount submitted for this bid.**

**2. Check the latest bid(s) included in recent blocks.**

## d) View and contribute to crowdloans.

## 1. Click Crowdloan.

Kusama  
kusama/9070 #8,221,932

Accounts Network Governance Developer Settings

Parachains Overview Parathreads Auctions Crowdloan

**Key information on crowdloans: active funds, and KSM amount locked in funds.**

funds 17 active raised / cap 281,579 / 11.3760 MKSM 2%

total raised / cap 988,652 / 13.8760 MKSM 7%

## 2. Double-check warning messages.

Do not transfer any funds directly to a specific account that is associated with a loan or a team. Use the "Contribute" action to record the contribution on-chain using the crowdloan runtime module. When the fund is dissolved, after either the parachain lease expires or the loan ending without winning, the full value will be returned to your account by the runtime. Funds sent directly to an account, without using the crowdloan functionality, may not be returned by the receiving account.

● ongoing			ending	leases	raised	count	
2,001	Bifrost	Active	17 days 46 mins #8,467,200	13 - 20	46,849.3914 / 1.0000 MKSM 4.68%	519	<a href="#">+ Contribute</a> <a href="#">Homepage</a>
2,004	Khala Network	Active	17 days 46 mins #8,467,200	13 - 20	42,028.3202 / 1.0000 MKSM 4.20%	1,838	<a href="#">+ Contribute</a> <a href="#">Homepage</a>
2,006	Darwinia Crab Redire...	Active	17 days 46 mins #8,467,200	13 - 20	2,867.5209 / 1.0000 MKSM 0.28%	346	<a href="#">+ Contribute</a> <a href="#">Homepage</a>

Time left to fund a crowdloan and win an auction.

## 3. Click Contribute to lend your KSM to a fund.

KSM amount raised by each fund **out of its total desired cap.**

Minimum crowdloan contribution is **0.1 KSM**.

contribute to fund

Kusama  
kusama/9070  
#8,221,940

Parachains

Wiki

4. Follow on-screen instructions carefully.

This account will contribute to the crowdloan.

The amount to contribute from this account.

The above contribution should more than minimum contribution amount and less than the remaining value.

contribute from  
ANAELE LTD@KSM

contribution  
1

KSM

minimum allowed  
99.9999 milli

remaining till cap  
997.1324 Kilo

ongoing

Cancel + Contribute

5. Click on **Contribute** to continue the procedure.

Nature of the transaction.

The screenshot shows the Polkadot-JS extension interface for a Kusama parachain. The top bar displays the chain name "kusama/9070" and the balance "#8,221,947". On the left sidebar, there are sections for "Parachains" and "funds" (17). The main area is titled "authorize transaction" and shows a transaction call: "Sending transaction crowdloan.contribute(index, value, signature)". A note below states: "Contribute to a crowd sale. This will transfer some balance over to fund a parachain slot. It will be withdrawable when the crowdloan has ended and the funds are unused." A green box highlights the message "Fees of 42.3329 micro KSM will be applied to the submission". To the right, a blue box labeled "6. Check the transaction fees." contains details about the sending account ("ANAEILLE LTD@KSM"), the call hash ("0x09c05aac9441af106de92d8b299e185fec796f762748469558374edb331343a3"), and a tip toggle switch. A green arrow points from the "Nature of the transaction." header to the transaction type "crowdloan.contribute queued" in the top right corner. At the bottom right, there are "Cancel" and "Sign and Submit" buttons, with "Sign and Submit" circled in green.

7. Click on **Sign & submit** to continue the procedure.

The screenshot shows the Polkadot.js extension interface. On the left, a sidebar displays 'Parachains' and 'funds 17'. A yellow box highlights the text: 'Summary of the transaction sent via the Polkadot-JS extension.' A green arrow points from this summary to the password input field. In the center, a modal window titled 'Transaction' shows a transaction details panel for 'Anaelle LTD@KSM'. It lists fields: from https://polkadot.js.org/apps/#/parachains/crowdloan, chain Kusama, version 9070, nonce 94, method ▶ crowdloan.contribute(index, value, signature), info ▶ Contribute to a crowd sale. This will transfer some balance ov..., and lifetime mortal, valid from 8,221,948 to 8,222,012. Below this is a password input field with a placeholder 'PASSWORD FOR THIS ACCOUNT' and a redacted password. A checkbox labeled 'Remember my password for the next 15 minutes' is checked. A large orange button at the bottom is labeled 'Sign the transaction'. A green circle highlights this button. On the right, a progress bar indicates the transaction is 'signing'. A yellow box with a green arrow points to the progress bar with the text: 'Progress of the transaction.' At the top of the main window, tabs include 'Accounts', 'Network', 'Governance', 'Developer', and 'Settings'. The 'Network' tab is active.

**Summary of the transaction sent via the Polkadot-JS extension.**

**8. Enter your account's password and tick the box to remember your password, if necessary.**

**9. Click on Sign the transaction to complete the procedure.**

**Progress of the transaction.**

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

Kusama  
kusama/9090  
#9,035,016

Accounts Network Governance Developer Settings GitHub Wiki

Parachains Overview Parathreads Auctions Crowdloan

funds 23 active raised / cap 454,445 / 5.5922 MKSM 8% total raised / cap 1.5690 M / 13.0922 MKSM 11%

+ Add fund

**⚠️** Do not transfer any funds directly to a specific account that is associated with a loan or a team. Use the "Contribute" action to record the contribution on-chain using the crowdloan runtime module. When the fund is dissolved, after either the parachain lease expires or the loan ending without winning, the full value will be returned to your account by the runtime. Funds sent directly to an account, without using the crowdloan functionality, may not be returned by the receiving account.

● ongoing	ending	leases	raised	count	
2,008 A Mars Active ARESLAB	44 days 13 hrs #9,676,800	15 - 22	81,8000 / 220,000,0000 KSM 0.03%	25	+ Contribute Homepage
2,009 O PolkaSmith by Polka... Active POLKAFOUNDRY	44 days 13 hrs #9,676,800	15 - 22	12,460,3763 / 1,0000 MKSM 1.24%	925	+ Contribute Homepage
2,012 C Crust Shadow Active F2fjh..._fxXF6P	44 days 13 hrs #9,676,800	15 - 22	655,9418 / 80,000,0000 KSM 0.81%	97	+ Contribute Homepage
2,013 S SherpaX Active EY1js3...23ZpTM	44 days 13 hrs #9,676,800	15 - 22	6,621,4786 / 1,0000 MKSM 0.66%	413	+ Contribute Homepage

10. Click on the **dropdown arrow** to view your crowdloan contribution.

## GUIDE TO POLKADOT-JS – PART II: Network

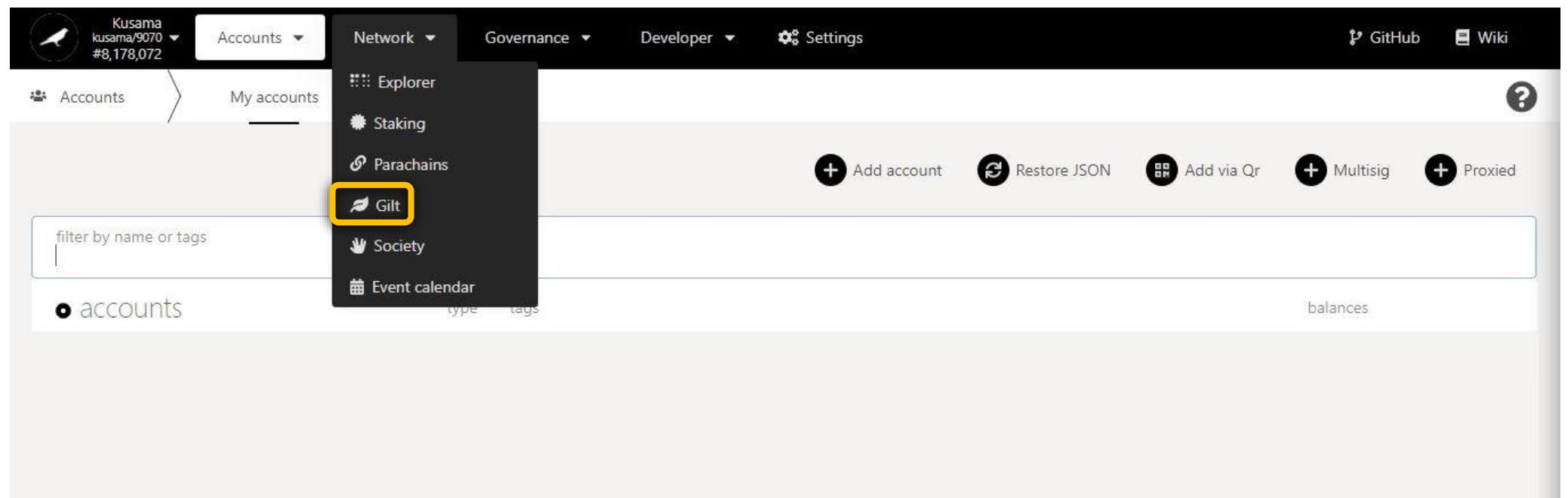
Version 3.0

The screenshot shows the Polkadot.js Network interface with the 'Network' tab selected. In the top navigation bar, there are links for 'Accounts', 'Governance', 'Developer', and 'Settings'. On the right side, there are links for 'GitHub' and 'Wiki', along with system status: 'Parity Polkadot v0.9.9', 'api v5.7.1', and 'apps v0.95.2-70'. Below the navigation, there are tabs for 'Parachains', 'Overview', 'Parathreads', 'Auctions', and 'Crowdloan', with 'Crowdloan' being the active tab. A message bar at the top says: '⚠️ Do not transfer any funds directly to a specific account that is associated with a loan or a team. Use the "Contribute" action to record the contribution on-chain using the crowdloan runtime module. When the fund is dissolved, after either the parachain lease expires or the loan ending without winning, the full value will be returned to your account by the runtime. Funds sent directly to an account, without using the crowdloan functionality, may not be returned by the receiving account.' Below this, a table lists ongoing crowdloans:

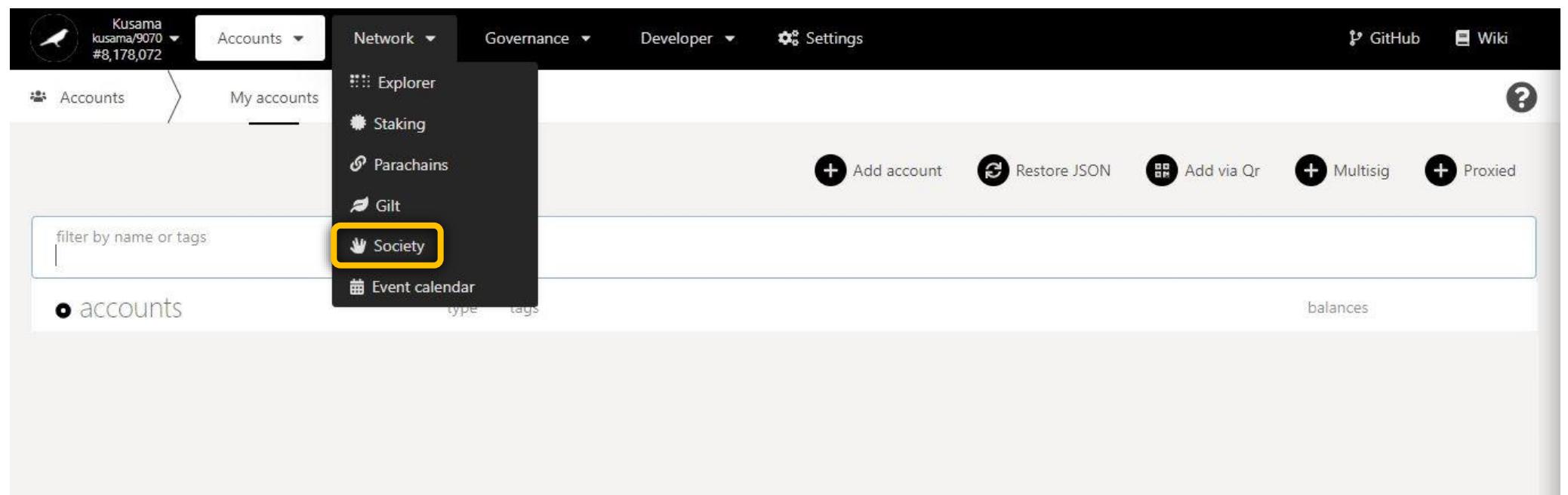
				ending	leases	raised	count	
2,008	Mars	Active	ARESLAB	44 days 13 hrs #9,676,800	15 - 22	81,8000 / 220,000,000 KSM 0.03%	25	<a href="#">+ Contribute</a> <a href="#">Homepage</a>
2,009	PolkaSmith by Polka...	Active	POLKAFOUNDRY	44 days 13 hrs #9,676,800	15 - 22	12,460,3763 / 1,0000 MKSM 1.24%	925	<a href="#">+ Contribute</a> <a href="#">Homepage</a>
2,012	Crust Shadow	Active	F2fjh..._fxXF6P	44 days 13 hrs #9,676,800	15 - 22	655,9418 / 80,000,000 KSM 0.81%	97	<a href="#">+ Contribute</a> <a href="#">Homepage</a>
2,013	SherpaX	Active	EY1js..._23ZpTM	44 days 13 hrs #9,676,800	15 - 22	6,621,4786 / 1,0000 MKSM 0.66%	413	<a href="#">+ Contribute</a> <a href="#">Homepage</a>

11. Your contributing account and contribution amount are now visible!

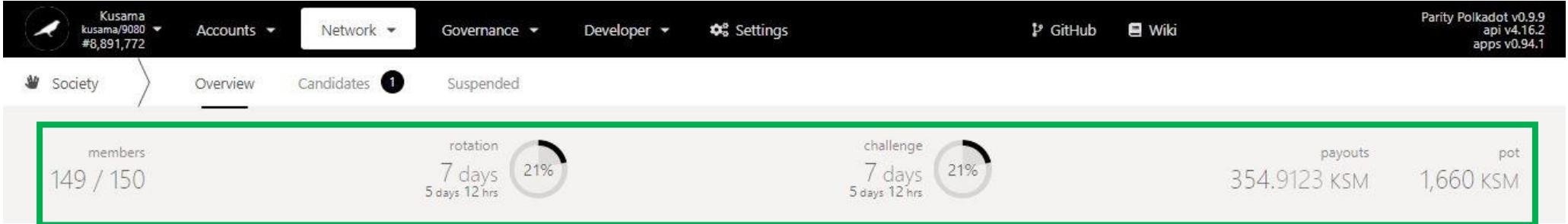
#### 4. Gilt: View and participate in auctions for inflation-protected KSM derivatives. [TBC]



## 5. Society: View and participate in *Kappa Sigma Mu* activities.



a) View Society members' roles.



The screenshot shows the Polkadot.js Network interface for the Kusama network. The top navigation bar includes links for Accounts, Network (selected), Governance, Developer, Settings, GitHub, and Wiki. The bottom navigation bar shows tabs for Society (selected), Overview, Candidates (1), and Suspended. A green box highlights the Society section, which displays the following data:

members	rotation	challenge	payouts	pot
149 / 150	7 days 5 days 12 hrs 21%	7 days 5 days 12 hrs 21%	354.9123 KSM	1,660 KSM

A yellow callout box below the Society section contains the text: "Key information on Society: number of members, countdown to the change of members' roles, time left for the completion of challenges, scheduled payouts to members, total value of Society's pot."

The screenshot shows the Polkadot.js interface with a green border around the left sidebar. The sidebar includes sections for 'defender' (with a user icon and address DzUa9P...orxbzu), 'members' (with a user icon and address 42NQM), and a list of member addresses with their roles: THE FOUNDER (founder), JAM (skeptic), NING (skeptic), 4Xmec (skeptic), SBBVG (skeptic, payout), JFGuwL...Bpzq2h (skeptic), SRXV2 (skeptic), Fr6Pbz...o7BwCw (skeptic), HyfGd2...Li92nn (skeptic), ED74i7...PN7LE4 (skeptic), Hpaece...ZGRst6 (skeptic), KSM (voted), and DiWvn...bnz2Dv (strikes).

### Society roles in details:

The Kappa Sigma Mu (KΣM) is a Kusama-native organisation created on 20<sup>th</sup> January 2020.

The Society has a set of pre-defined on-chain and off-chain rules for membership acquisition, role attribution, and challenge completion.

**Members:** Kusama blockchain users who have successfully been vetted by the Society.

**Candidate:** A user who has submitted a bid and Proof-of-Ink (Pol) to become a member and must receive approvals from the members to join the Society. Also known as “Member-candidate”.

**Defender:** A member who has submitted a Proof-of-Ink (Pol) and must receive approvals from the members to remain in the Society. Also known as “Challenged-member”.

**Society head:** A winning candidate chosen at random to become a Head. Also known as the “parent member”.

**Founder:** The anonymous user who founded the Society. Also known as the “original Head”.

**Skeptic:** A member who has been selected to vote by approving or rejecting a Candidate’s bid or a Defender’s Pol. Note: A no-vote equals to a rejection.

The screenshot shows the Polkadot.js interface with a light gray background. At the top right, there are buttons for 'Approvals (1)' and 'Vote'. Below that is a table with columns 'voted on' and 'strikes'. The table lists the following data:

voted on	strikes
	0 ⚡
	2 ⚡
	6 ⚡
	4 ⚡
	3 ⚡
Payouts (1)	2 ⚡ ... Payout
	2 ⚡
Payouts (1)	1 ⚡
	1 ⚡
	1 ⚡
Payouts (1)	0 ⚡
	0 ⚡
Candidate, Defender	1 ⚡
	9 ⚡

## b) View Society activities.

members	Society activities in detail:	Payouts (1)
42NQM (society head)	The Society has an <u>extensive system of pre-defined tasks and feedback mechanisms</u> to ensure that all members remain honest and engaged over time.	0
THE FOUNDER (founder)	<b>Votes:</b> Approval or rejection of a Candidate's bid or a Defender's Pol. <u>One of all members' votes is randomly selected as the final vote</u> on a Candidate or Defender.	2
JAM (skeptic)		6
NING (skeptic)		4
4xmec (skeptic)		3
5BBVG (skeptic, payout)	<b>Strikes:</b> Punishment for failure <u>to vote or for voting opposite to the randomly selected final vote</u> . Note: The maximum number of strikes is 10.	2
JFGuwL...BpZq2h (skeptic)		2
5RXV2 (skeptic)		
Fr6Pbz...o7BWcw (skeptic)	<b>Payouts:</b> Reward for being a member of the Society that is <u>based on the original bid amount</u> . This amount is taken from the Society pot, which is funded by a 0.2% burn of Kusama Treasury. Note: Payouts need to be claimed manually.	1
HyfGd2...Li92nn (skeptic)		0
ED74i7...PN7LE4 (skeptic)	<b>Slashes:</b> Punishment for voting opposite to the randomly selected final vote. This amount is taken from the opposing member's pending payout and <u>transferred as an escrowed reward</u> to the approving member's payout.	0
Hpaece...ZGRstG (voted)		Candidate, Defender 1
DiWvsn...bnz2Dv (strikes)		9

**1. Click on the dropdown arrow to view the payout information.**

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot.js interface for the Kusama network. The top navigation bar includes 'Accounts', 'Network' (selected), 'Governance', 'Developer', 'Settings', 'GitHub', and 'Wiki'. The 'Network' tab is active, showing 'Society' details. Key metrics include:

- members: 149 / 150
- rotation: 7 days (21%)
- challenge: 7 days (21%)
- payouts: 354.9123 KSM
- pot: 1,660 KSM

The 'defender' section shows one approval from user DzUa9P...orxbZu, with a 'Vote' button.

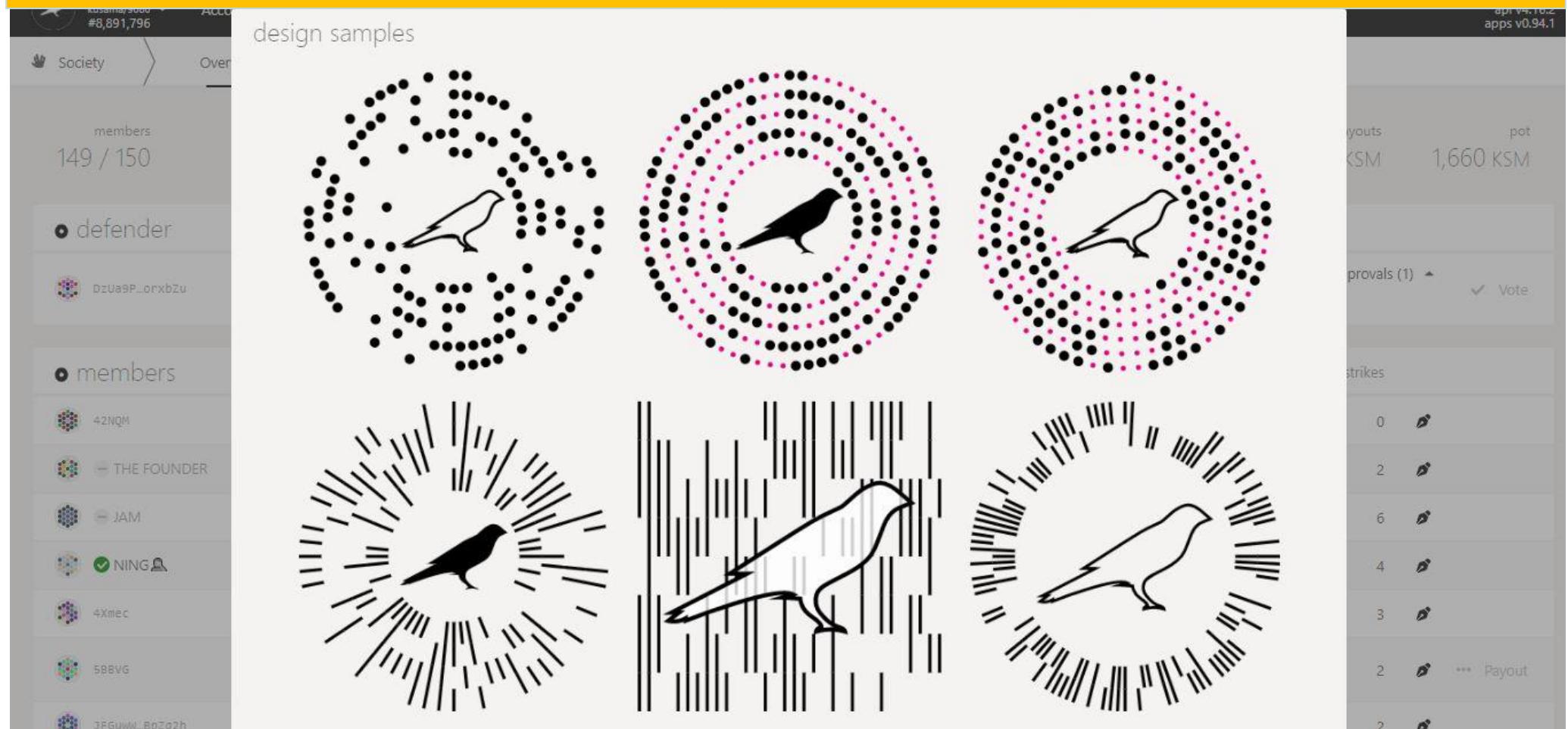
The 'members' section lists seven members with their roles and strike counts:

Member	Role	Strikes
42NQM	society head	0
THE FOUNDER	founder	2
JAM	skeptic	6
NING	skeptic	4
4Xmec	skeptic	3
5BBVG	skeptic	2
3FGuW...BpZq2h	skeptic	0

A yellow box highlights the 'payouts' section, which shows 0.9999 KSM and #8,872,320. Two green arrows point to these values with the labels:

- Amount to be paid.
- Block number at which the payout will be processed.

**Proof-of-Ink:** Society members must provide a proof of membership on an ongoing basis by showing a picture of their Kusama tattoo that meets strict requirements (i.e permanent, over 2.54 cm in size, with an ID of the Kusama network and the current Society head).



## c) View Society candidates, candidacy status, and bid kinds.

The screenshot shows two instances of the Polkadot.js interface. The top instance is for the Kusama network, and the bottom instance is for the Kusama network. Both instances show the 'Society' tab selected, with the 'Candidates' tab active. A green arrow points to the 'Candidates' tab in the top instance, with the text '1. Click on Candidates.' overlaid. Below this, a blue box contains the text '2. The list of successful bidders and queued bidders is now displayed!'. The bottom instance shows a table of candidates and bids. The table has columns for 'candidates' (radio button), 'bid kind', and 'value'. It lists one candidate, Ft2cSC...VuamvW, with a Vouch bid kind and 0.0000 KSM value. To the right of the table are dropdown arrows for 'Skeptics (10)' and 'Approvals (1)'. A green arrow points to the 'Skeptics (10)' dropdown arrow, with the text '3. Click on the dropdown arrow to see the list of Skeptics who have cast their vote.' overlaid. The bottom instance also shows a table of bids with columns for 'bids' (radio button), 'bid kind', and 'value'. It lists five bids from users SANGO XANGO, 4Dog3, Daw7ho\_iLwhy6, DOT ONE, and Hgm6Rp...2LNuhs, all with Deposit bid kinds and 0.0000 KSM values. Each bid row has a 'Unbid' button to its right.

candidates	bid kind	value
Ft2cSC...VuamvW	Vouch	42NQM 0.0000 KSM

bids	bid kind	value
SANGO XANGO	Deposit	0.0000 KSM
4Dog3	Deposit	0.0000 KSM
Daw7ho_iLwhy6	Deposit	0.0000 KSM
DOT ONE	Deposit	0.0000 KSM
Hgm6Rp...2LNuhs	Deposit	0.0100 KSM

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot.js Network interface with the following details:

- Top Bar:** Kusama, kusama/9080, #8,891,825, Accounts, Network (selected), Governance, Developer, Settings, GitHub, Wiki, Parity Polkadot v0.9.9, api v4.16.2, apps v0.94.1.
- Society Tab:** Overview, Candidates (1), Suspended.
- Candidates Section:** A table with columns: bid kind, value. It lists a single candidate: Ft2cSC..VuamVw, with a Vouch bid kind and 0.0000 KSM value.
- Bids Section:** A table with columns: Deposit, Unbid. It lists two bids: SANGO XANGO and 4Dog3, both with 0.0000 KSM deposits.
- Approvals Section:** A dropdown menu titled "Approvals (1)" containing 10 entries: 4Xmec, ED7417..PN7LE4, 5RXV2, NING (with a checkmark and a person icon), FR6PBZ..o7BWcW, 5BBVG, JAM, Hpaece..zGRst6, HyfGd2..Li92nn, JFGuwW..BpZq2h.

A green callout box highlights the "Approvals (1)" dropdown, with a green arrow pointing to its dropdown arrow. A blue box contains the instruction:

**4. Click on the dropdown arrow to see who voted for an approval or a rejection.**

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

Kusama  
kusama/9080  
#8,891,835

Accounts Network Governance Developer Settings GitHub Wiki

Parity Polkadot v0.9.9  
api v4.16.2  
apps v0.94.1

Society Overview Candidates 1 Suspended

Submit bid

candidates

	bid kind	value
	Skeptics (10)	
 Ft2cSC...Vuamvw	Vouch	 42NQM 0.0000 KSM
		<input checked="" type="checkbox"/> Vote
	Approvals (1)	
 - KSM		

bids

	bid kind	value
 - SANGO XANGO	Deposit	0.0000 KSM
		<input checked="" type="checkbox"/> Unbid

Information about the bid kind.

Vouch

42NQM

0.0000 KSM

Skeptics (10)

Approvals (1)

- KSM

Vouch

42NQM

0.0000 KSM

Skeptics (10)

Approvals (1)

- KSM

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot-JS Network interface with the 'Society' module selected. The top navigation bar includes links for 'Network' (selected), 'Governance', 'Developer', 'Settings', 'GitHub', and 'Wiki'. The right side of the header displays 'Parity Polkadot v0.9.9 api v4.16.2 apps v0.94.1'. Below the header, the 'Society' section has tabs for 'Overview' (selected), 'Candidates' (with a count of 1), and 'Suspended'. A 'Submit bid' button is located in the top right of the main content area.

**candidates**

**Bid kinds in detail:**

To join the Society, users can either proceed independently or get an existing member to endorse their bid.

Bids represent the amounts that users would like to get as a payout from the Society pot. Successful bidders are promoted as Candidates. Note: The maximum number of successful bidders per rotation period is 10.

**Deposit:** When a user submits a bid by him/herself.

**Vouch:** When a member submits a bid on behalf of a user and earns a tip for it.

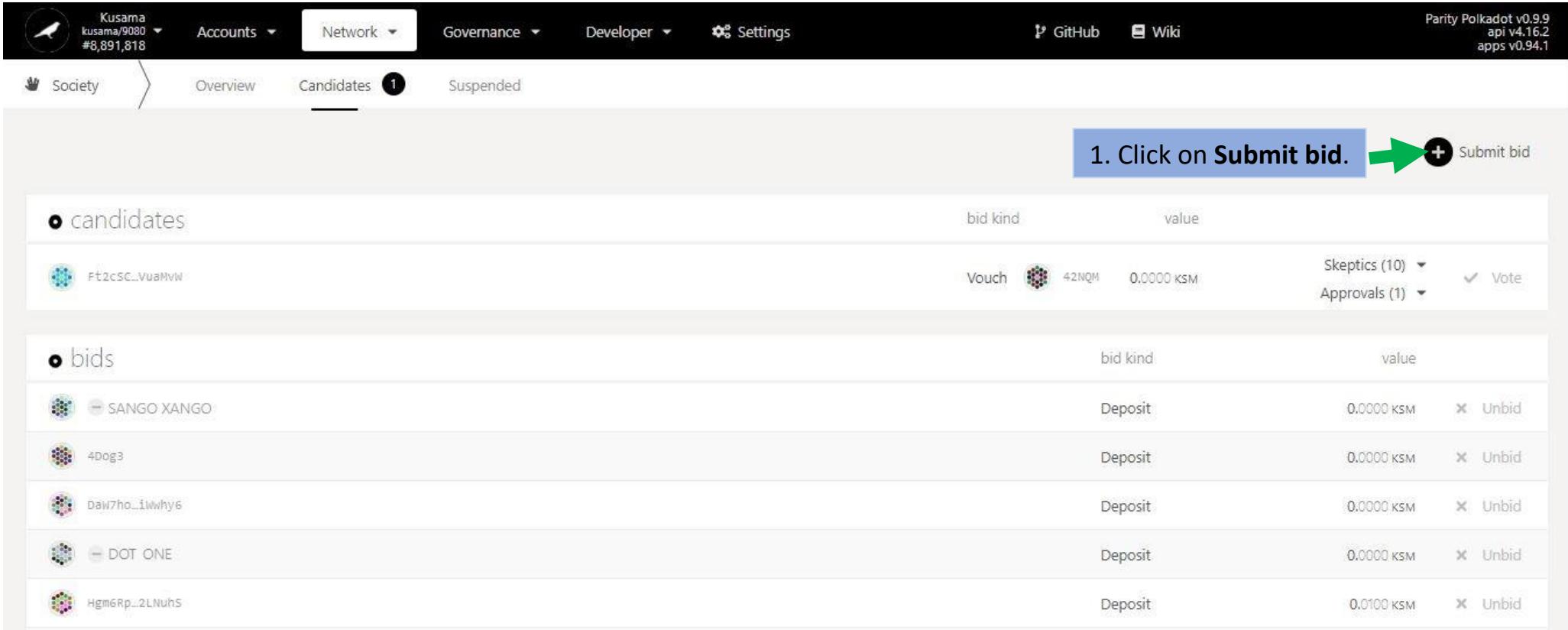
**bids**

**/\* SNIP \*/**

bid kind	value
Vouch	42NQM 0,000 KSM
Skeptics (10)	✓ Vote
Approvals (1)	

bid kind	value
Deposit	0,0150 ksm
Deposit	0,2500 ksm
Deposit	1,0000 ksm
Deposit	5,9998 ksm
Deposit	7,9000 ksm
Vouch	EtJMBI...XynR6K 9,0000 ksm
Deposit	9,9999 ksm
Vouch	4t3t4 20,0000 ksm
Deposit	65,0000 ksm
Deposit	100,0000 ksm
Deposit	500,0000 ksm
Deposit	900,0000 ksm
Deposit	951,0000 ksm
Deposit	999,0000 ksm

## d) Submit a candidacy bid via deposit.



1. Click on **Submit bid.**

	bid kind	value	
 Ft2cSC...VuamvW	Vouch  42NQM	0.0000 KSM	Skeptics (10)  <input checked="" type="checkbox"/> Vote Approvals (1) 

	bid kind	value	
 SANGO XANGO	Deposit	0.0000 KSM	
 4Dog3	Deposit	0.0000 KSM	
 Daw7ho...iwhwhy6	Deposit	0.0000 KSM	
 DOT ONE	Deposit	0.0000 KSM	
 Hgm6Rp...2LNuhS	Deposit	0.0100 KSM	

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot-JS interface for managing Society candidates. The top navigation bar indicates the network is Kusama (kusama/9080) with account #8,891,909. The sidebar on the left lists 'Society' (selected), 'candidates', 'bids', and other accounts like 'SANGO XANGO' and '4D0g3'. The main area shows a 'bid to join' form for a candidate named 'ANAEILLE LTD@KSM'. The 'bid amount' field contains '0.000034' KSM. A green arrow points to this field. To the right, instructions explain the bid account and amount. A large blue box labeled '2. Follow on-screen instructions carefully.' covers the top right. Below the form is a 'Submit bid' button. A green circle highlights the 'Bid' button.

**2. Follow on-screen instructions carefully.**

bid to join

bid account ANAEILLE LTD@KSM HjcErRijmpoiBiKEHT3edPXN3NFycJogVwDPuByN...

bid amount 0.000034 KSM

Your candidate/bid account. Once accepted this account will become a member.

The amount to tie to your bid. The lowest bidder moves forward.

Cancel Bid

**3. Enter a KSM amount for your bid.**

**4. Click on Bid.**

**authorize transaction**

Sending transaction society.bid(value)  
A user outside of the society can make a bid for entry.

Fees of 44.6715 micro KSM will be applied to the submission

sending from my account ANAEILLE LTD@KSM HjcErRijmpoiBiKEHT3edPXN3NFycJogVwDPuByN...

Do not include a tip for the block author

call hash: 0x34af7d14c051fd0234e7d0e258a49cf884c54607c33950ea11c0e07dcdd1dcc8

Sign and Submit

**5. Check the transaction fees.**

**Nature of the transaction.**

The details of the transaction including the type, the description (as available from the chain metadata), and fee estimations (as calculated by the call).

The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

Adding an optional tip to the transaction could allow for higher priority, especially when the chain is busy.

The call hash as calculated for this transaction

Cancel Sign and Submit

**6. Click on Sign & submit to continue the procedure.**

The screenshot shows the Polkadot-JS extension interface. On the left, a sidebar lists accounts: 'Society' (selected), 'candidates', 'XAN', 'Daw7ho...iLwhy6', 'DOT ONE', 'Hgm6Rp...2LNuhs', 'EJgdRd...RgJGQZ', 'FJYAtx...HStHzE', and 'EwX1Y1...'. The main window title is 'Transaction' under the 'polkadot.js' tab. It shows a transaction for 'Anaelle LTD@KSM' with details: from 'https://cloudflare-ipfs.com/ipns/dotapps.io/#/staking', chain 'Kusama', version '9080', nonce '130', method '► society.bid(value)', info '► A user outside of the society can make a bid for entry.', and lifetime 'mortal, valid from 8,891,913 to 8,891,977'. To the right, a teal bar at the top says 'society.bid signing' with a green arrow pointing to it. Below it, a yellow box says 'Progress of the transaction.' A large blue box contains two steps:

7. Enter your account's password and tick the box to remember your password, if necessary.
8. Click on Sign the transaction to complete the procedure.

A green box highlights the password input field and the 'Remember my password for the next 15 minutes' checkbox. A green circle highlights the 'Sign the transaction' button. The background shows a table of bids with columns 'bid kind', 'value', and actions like 'Vote', 'Unbid', etc.

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot.js Network interface. At the top, there's a navigation bar with links for Accounts, Network (selected), Governance, Developer, Settings, GitHub, and Wiki. On the left, there's a sidebar with a Society icon and tabs for Overview, Candidates (selected), and Suspended. A notification badge '1' is visible on the Candidates tab. In the top right corner, it says "Parity Polkadot v0.9.9 api v4.16.2 apps v0.94.1". Below the navigation, there's a "Submit bid" button with a plus sign.

**candidates**

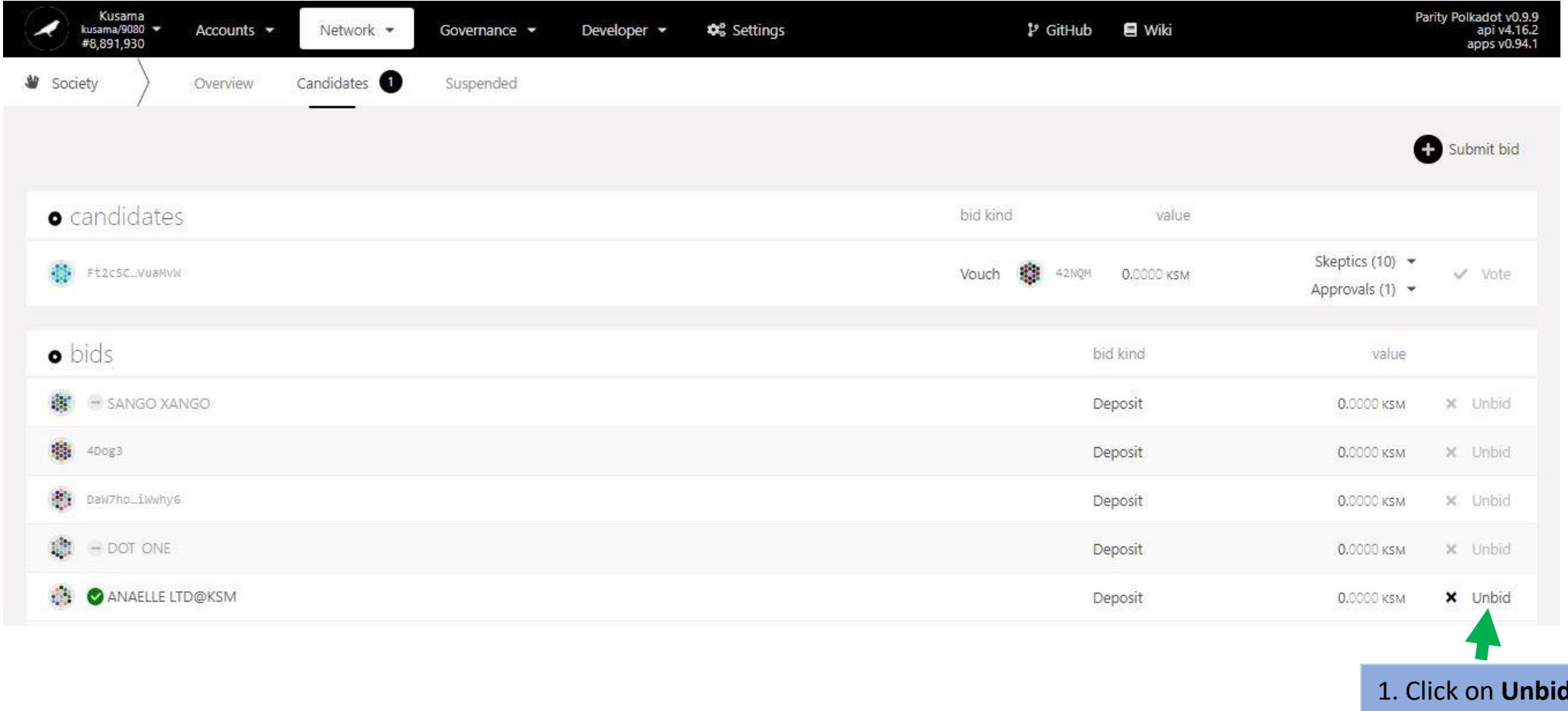
	bid kind	value	
Ft2cSC...VuamvN	Vouch  42NQM	0.0000 KSM	Skeptics (10)   Vote
Approvals (1)			

**bids**

	bid kind	value	
SANGO XANGO	Deposit	0.0000 KSM	
4Dog3	Deposit	0.0000 KSM	
Daw7ho...iLwhy6	Deposit	0.0000 KSM	
DOT ONE	Deposit	0.0000 KSM	
ANAELLE LTD@KSM	Deposit	0.0000 KSM	
Hgm6Rp...2LNuhS	Deposit	0.0100 KSM	

**9. Your bid is now in the queue!**

## e) Withdraw a candidacy bid.



The screenshot shows the Polkadot.js Network interface with the Candidates tab selected. There is one candidacy bid listed:

		bid kind	value	
	Ft2cSC...VuamVw	Vouch	42NQM 0.0000 KSM	Skeptics (10)  ✓ Vote Approvals (1)

Below the candidates section, there is a bids section listing several entries:

		bid kind	value	
	SANGO XANGO	Deposit	0.0000 KSM	
	4Dog3	Deposit	0.0000 KSM	
	Daw7ho_iWwhy6	Deposit	0.0000 KSM	
	DOT ONE	Deposit	0.0000 KSM	
	ANAEILLE LTD@KSM	Deposit	0.0000 KSM	

A green arrow points to the 'Unbid' button next to the entry for 'ANAEILLE LTD@KSM'. A blue box at the bottom right contains the instruction '1. Click on Unbid.'

1. Click on Unbid.

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot-JS UI interface for sending a transaction. The top navigation bar indicates the network is Kusama, account is kusama/9080, and balance is #8,891,936. The left sidebar shows sections for Society, Overview, candidates, bids, and other accounts like Ft2cSC...VuaMvW, SANGO XANGO, and 4D0g3.

The main window title is "authorize transaction". It displays the transaction details: "Sending transaction society.unbid(pos)". A note states: "A bidder can remove their bid for entry into society. By doing so, they will have their candidate deposit returned or they will unvouch their voucher." Below this, a green box highlights the fee information: "Fees of 40.6716 micro KSM will be applied to the submission".

A blue box contains the instruction: "2. Check the transaction fees." To the right, a yellow box highlights the status: "society.unbid queued" with a green arrow pointing to it. The status bar also shows "Receipts (10)" and "Approvals (1)".

The transaction form includes fields for "sending from my account" (ANAELE LTD@KSM) and "call hash" (0xb2a7d48b3e1f6b0e5f9548b57572910daa4e49c624676a0a4368bdb33b3f5029). There is a toggle switch for "Do not include a tip for the block author". The "Sign and Submit" button is highlighted with a green oval and a blue box containing the instruction: "3. Click on Sign & submit to continue the procedure." A "Cancel" button is also present.

**Summary of the transaction sent via the Polkadot-JS extension.**

**Progress of the transaction.**

4. Click on **Sign the transaction** to complete the procedure.

**Transaction**

Anaelle LTD@KSM HjcErRijmpoiBiKEHT3edPXM3NFycJogVwDPuByNe7hv9Ae

from https://cloudflare-ipfs.com/ipns/dotapps.io/#/staking  
chain Kusama  
version 9080  
nonce 131  
method ► society.unbid(pos)  
info ► A bidder can remove their bid for entry into society. By doing s...  
lifetime mortal, valid from 8,891,937 to 8,892,001

Extend the period without password by 15 minutes

**Sign the transaction**

bid kind	value	
Vouch	42NQM 0.0000 KSM	Skeptics (10) ▾
		Approvals (1) ▾
Deposit	0.0000 KSM	X Unbid
Deposit	0.0000 KSM	X Unbid
Deposit	0.0000 KSM	X Unbid
Deposit	0.0000 KSM	X Unbid
Deposit	0.0000 KSM	X Unbid
Deposit	0.0100 KSM	X Unbid
Deposit	0.0100 KSM	X Unbid
Deposit	0.0100 KSM	X Unbid

## GUIDE TO POLKADOT-JS – PART II: Network

Version 3.0

The screenshot shows the Polkadot.js Network interface. At the top, there's a navigation bar with links for Accounts, Network (selected), Governance, Developer, and Settings. On the right, there are GitHub and Wiki links, and a status bar indicating "Parity Polkadot v0.9.9 api v4.16.2 apps v0.94.1". Below the navigation, there are tabs for Society, Overview, Candidates (selected), and Suspended. A "Submit bid" button is located on the right.

**Candidates:**

	bid kind	value	
 Ft2cSC...VuamvN	Vouch  42NQM	0.0000 KSM	Skeptics (10)   Vote
			Approvals (1) 

**bids:**

	bid kind	value	
 SANGO XANGO	Deposit	0.0000 KSM	 Unbid
 4Dog3	Deposit	0.0000 KSM	 Unbid
 Daw7ho...ilwhy6	Deposit	0.0000 KSM	 Unbid
 DOT ONE	Deposit	0.0000 KSM	 Unbid
 Hgm6Rp...2LNuhs	Deposit	0.0100 KSM	 Unbid

**5. Your bid has been removed from the queue!**

## f) Submit a candidacy bid via vouch.

The screenshot shows the Polkadot.js interface for the Kusama network. The top navigation bar includes 'Accounts', 'Network' (set to 'Kusama'), 'Governance', 'Developer' (with a dropdown menu), 'Settings', 'GitHub', 'Wiki', and version information ('Parity Polkadot v0.9.9', 'api v4.16.2', 'apps v0.94.1'). Below the navigation is a sidebar with 'Society' and tabs for 'Overview', 'Candidates' (1), and 'Suspended'. A large blue callout box labeled '1. Mouse-over Developer.' points to the 'Developer' button. Another blue callout box labeled '2. Select Extrinsic from the dropdown menu.' points to the 'Extrinsic' option in the developer dropdown menu. The main content area shows a table for 'candidates' with one entry: 'Ft2cSC...VuamvW' with a 'Vouch' bid kind, value '0.0000 ksm', and a 'Skeptics (10)' dropdown. Below this is a table for 'bids' with entries for 'SANGO XANGO' and '4Dog3', both with 'Deposit' bid kinds and '0.0000 ksm' values, each with a 'Unbid' link.

1. Mouse-over Developer.

2. Select Extrinsic from the dropdown menu.

	bid kind	value	
Ft2cSC...VuamvW	Vouch	42NQM 0.0000 ksm	Skeptics (10) <input checked="" type="checkbox"/> Vote Approvals (1) <input type="checkbox"/>

	bid kind	value	
SANGO XANGO	Deposit	0.0000 ksm	<input type="checkbox"/> Unbid
4Dog3	Deposit	0.0000 ksm	<input type="checkbox"/> Unbid

The screenshot shows the Polkadot.js extension interface for Kusama. The top navigation bar includes 'Accounts', 'Network', 'Governance', 'Developer' (selected), 'Settings', 'GitHub', and 'Wiki'. The status bar indicates 'Parity Polkadot v0.9.9 api v4.16.2 apps v0.94.1'. The main area is titled 'Submission' under 'Extrinsics'. A blue box labeled '3. Select the account of the voucher.' points to the 'using the selected account' dropdown, which is set to 'ANAELE LTD@KSM'. Another blue box labeled '4. Navigate the dropdown menus to select the correct method.' points to the 'submit the following extrinsic' dropdown, which is set to 'society'. A third blue box labeled '5. Select the account of the bidder.' points to the 'who:' field, which is set to 'TOMIESTTOM'. A fourth blue box labeled '6. Enter a KSM amount for the bid and the tip.' points to the 'value:' and 'tip:' fields, both set to '0.00001 KSM'. At the bottom right, there are two buttons: 'Submit Unsigned' and 'Submit Transaction' (circled in green). A fifth blue box labeled '7. Click on Submit Transaction.' points to the 'Submit Transaction' button.

3. Select the account of the voucher.

4. Navigate the dropdown menus to select the correct method.

5. Select the account of the bidder.

6. Enter a KSM amount for the bid and the tip.

7. Click on Submit Transaction.

Nature of the transaction.

The screenshot shows the Polkadot-JS extension interface for Kusama. The top bar displays account information: Kusama, kusama/9080, Account #8,892,205. The main window title is "authorize transaction". The transaction details are: "Sending transaction society.vouch(who, value, tip)". Below this, a note says "As a member, vouch for someone to join society by placing a bid on their behalf." A green box highlights the fee information: "Fees of 60.6714 micro KSM will be applied to the submission". To the right, a blue box contains the instruction "8. Check the transaction fees." Further down, the "who" field is set to "ANAELE LTD@KSM", and the "value" field is set to "0.00001". The "tip" field is set to "0.00004". A toggle switch labeled "Do not include a tip for the block author" is turned off. The "call hash" is listed as "0x3772d0b064aed466b1236d7c289d3b7931c06f60cf4728439143a79b7d67f39c". At the bottom, there are "Sign and Submit" and "Cancel" buttons. A green arrow points from the text "Nature of the transaction." to the "society.vouch queued" status indicator in the top right corner. A green circle highlights the "Sign and Submit" button.

9. Click on **Sign & submit** to continue the procedure.

The screenshot shows the Polkadot-JS extension interface for the Kusama network. A yellow box on the left highlights the 'Summary of the transaction sent via the Polkadot-JS extension.' A green arrow points from this summary to the transaction details in the center. Another green arrow points from the 'Sign the transaction' button at the bottom to the 'Progress of the transaction.' bar on the right.

**Summary of the transaction sent via the Polkadot-JS extension.**

**Transaction**

Anaelle LTD@KSM

Kusama

from https://cloudflare-ipfs.com/ipns/dotapps.io/#/staking  
chain Kusama  
version 9080  
nonce 132  
method ► society.vouch(who, value, tip)  
info ► As a member, vouch for someone to join society by placing a b...  
lifetime mortal, valid from 8,892,208 to 8,892,272

PASSWORD FOR THIS ACCOUNT  
  Remember my password for the next 15 minutes

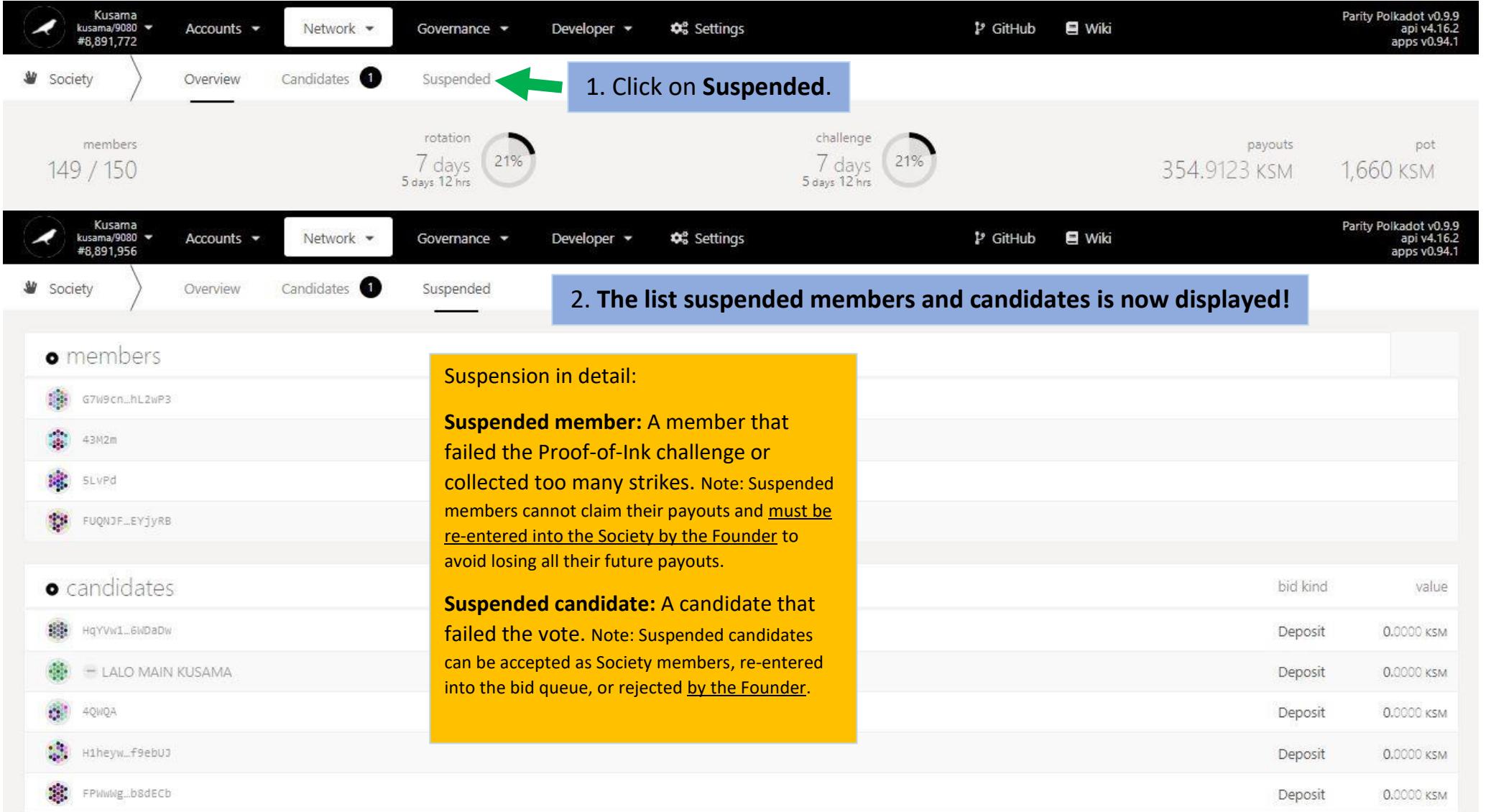
**Sign the transaction**

Progress of the transaction.  
As a member, vouch for someone to join society by placing a bid on their behalf.

Submit Unsigned  Submit Transaction

10. Click on **Sign the transaction** to complete the procedure.

## g) View suspended members and suspended candidates.



The screenshot shows two instances of the Polkadot.js Network interface. In both instances, the 'Society' tab is selected. The top instance has the 'Suspended' tab highlighted with a green arrow pointing to it, and a blue box contains the text '1. Click on Suspended.'. The bottom instance shows the list of suspended members and candidates, with a yellow callout box containing detailed information about suspension.

**1. Click on Suspended.**

**2. The list suspended members and candidates is now displayed!**

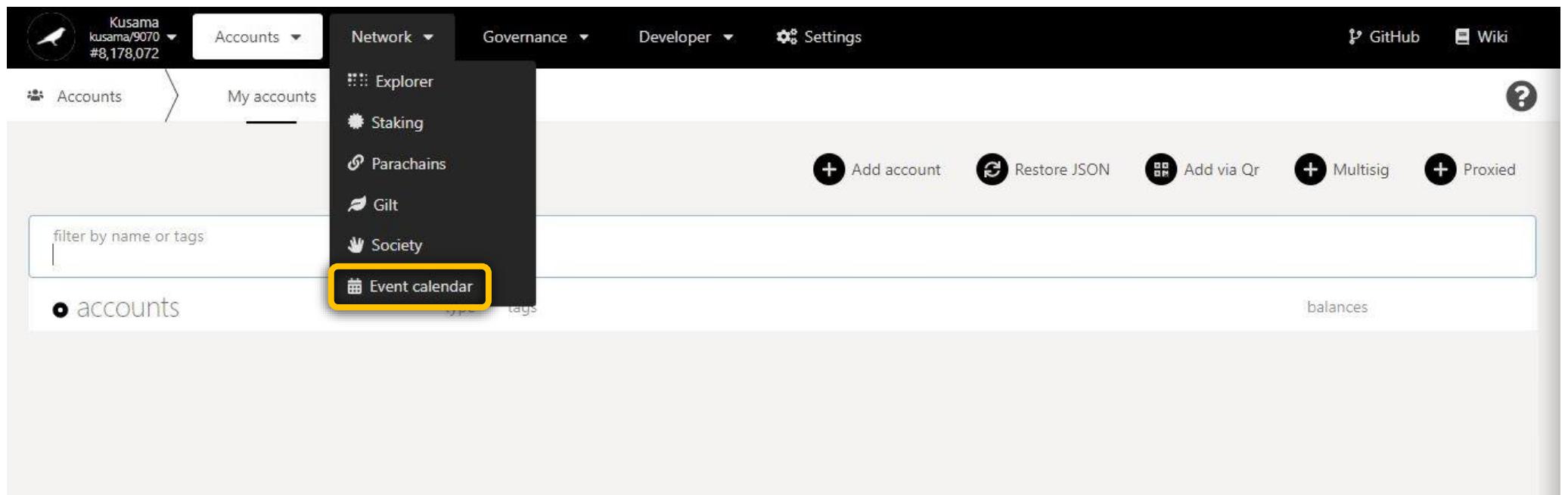
**Suspension in detail:**

**Suspended member:** A member that failed the Proof-of-Ink challenge or collected too many strikes. Note: Suspended members cannot claim their payouts and must be re-entered into the Society by the Founder to avoid losing all their future payouts.

**Suspended candidate:** A candidate that failed the vote. Note: Suspended candidates can be accepted as Society members, re-entered into the bid queue, or rejected by the Founder.

bid kind	value
Deposit	0.0000 KSM

## 6. Event calendar: View upcoming Relay chain events.



a) Browse Relay chain schedules.

Kusama  
kusama/9070  
#8,492,490

Accounts Network Governance Developer Settings

Event calendar Upcoming events

Key information on upcoming events: **date, time, block number, description, and module.**

july 2021

SUN MON TUE WED THU FRI SAT

1 2 3

4 5 6 7 8 9 10

18 19 20 21 22 23 24

25 26 27 28 29 30 31

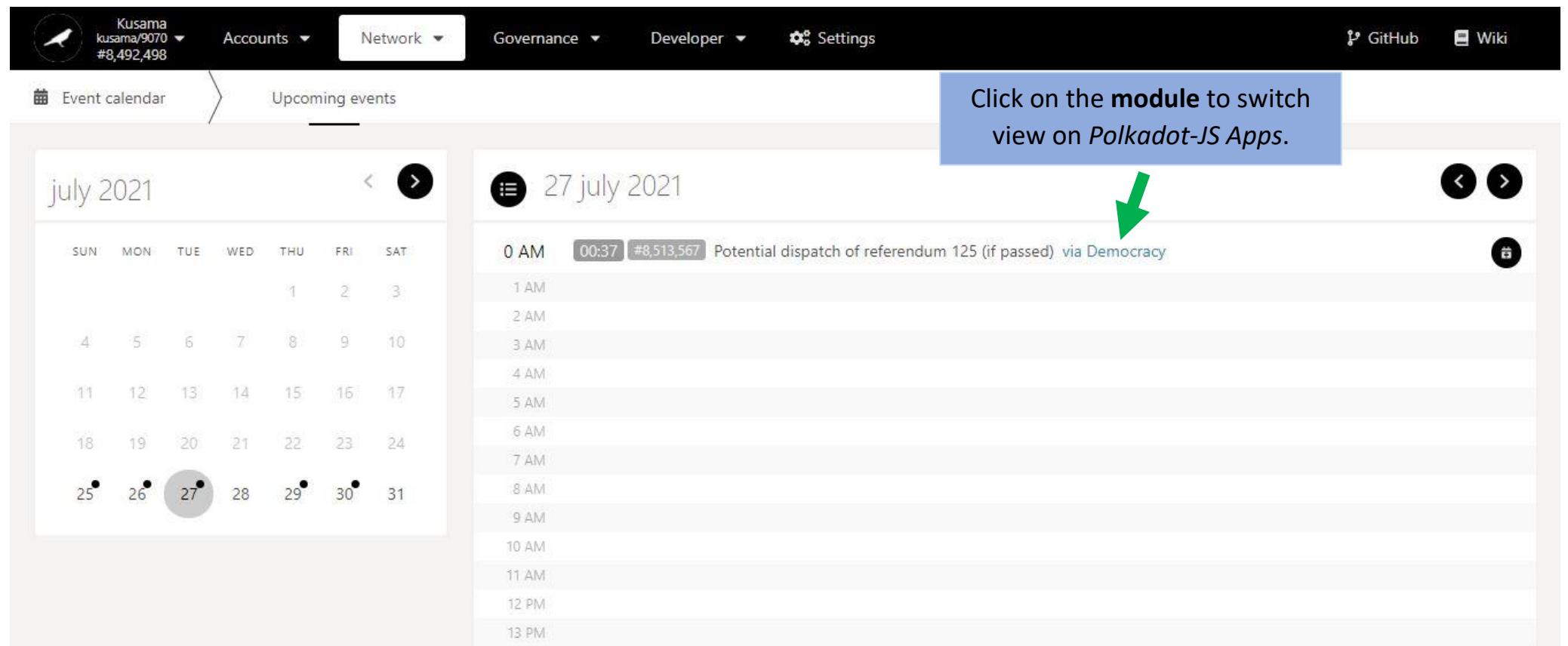
Click on a day to view its events.

25 26 27 28 29 30 31

25 july 2021 13:29

0 AM  
1 AM  
2 AM  
3 AM  
4 AM  
5 AM  
6 AM  
7 AM  
8 AM  
9 AM  
10 AM  
11 AM  
12 PM  
13 PM  
14 PM 14:28 #8,493,075 Start of a new staking session 14,507 via Staking  
15 PM 15:28 #8,493,675 Start of a new staking era 2,536 via Staking  
16 PM

b) Access core Relay chain modules.



Kusama  
kusama/9070 ▾ Accounts ▾ Network ▾ Governance ▾ Developer ▾ Settings GitHub Wiki

Event calendar Upcoming events

July 2021

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

27 July 2021

0 AM	00:37	#8,513,567	Potential dispatch of referendum 125 (if passed) via Democracy	🔗
1 AM				
2 AM				
3 AM				
4 AM				
5 AM				
6 AM				
7 AM				
8 AM				
9 AM				
10 AM				
11 AM				
12 PM				
1 PM				