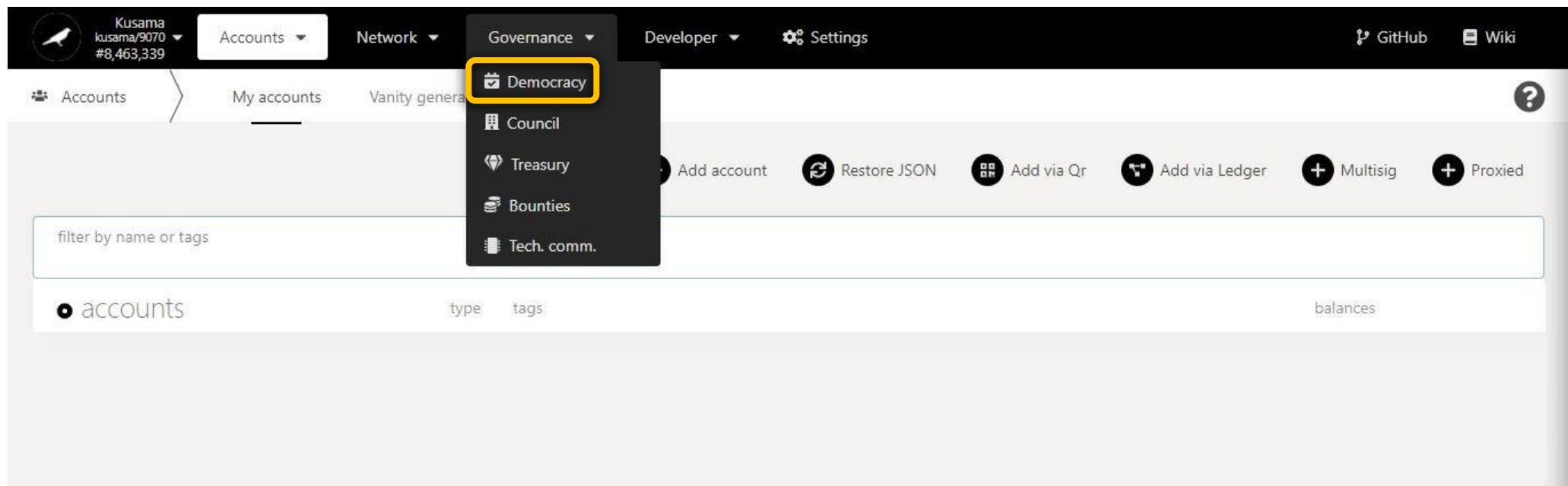


PART IV: GOVERNANCE

1. Democracy: Explore referendum-related activities.



a) Vote for referenda.

Basic information on technical words used in the DEMOCRACY section.

The screenshot shows the Polkadot-JS interface with the 'Democracy' tab selected. At the top, there are navigation links: Kusama, Accounts, Network, Governance (selected), Developer, Settings, GitHub, and Wiki. Below the tabs, there are two main sections: 'proposals' and 'referenda'. The 'proposals' section shows 0 proposals out of a total of 48. The 'referenda' section shows 1 referendum out of a total of 126. To the right, a progress bar indicates a 'launch period' of 7 days, 6 hrs 26 mins, with 96% completed. A large green box highlights these three pieces of information.

Key information on democracy: **number of proposals**, **number of referenda**, and **time left before a new referendum can be launched**.

This screenshot shows the same 'Democracy' tab interface as above, but with several annotations:

- Referendum ID.**: Points to the '125' under the 'referenda' heading.
- Referendum pre-image hash.**: Points to the 'preimage 0x4f19b4...304d8278' under the 'referenda' heading.
- Countdown to the end of the voting period.**: Points to the '3 days 10 hrs 49,627 blocks' under the 'referenda' heading.
- Referendum status (PASS or FAIL)**: Points to the checkmark icon under the 'votes' section.
- Referendum turnout**: Points to the '0.0000 KSM' under the 'votes' section.
- Referendum-related external links.**: Points to the icons for 'Image', 'Vote', and 'Polkasassembly' (a speech bubble icon).
- 1. Click on the Polkasassembly icon to view the discussion thread.**: Points to the 'Polkasassembly' icon in the 'external' section.

The screenshot shows the Polkassembly interface. At the top, there is a navigation bar with the Polkassembly logo, 'Discussions', 'On-chain ▾', 'Kusama ▾', and 'anaelleltd ▾'. Below the navigation bar, a blue header bar contains the text '2. Read the information on the referendum.' In the main content area, there is a proposal card for '#125 Upgrade Statemine runtime to v2'. The card indicates the proposal is 'Started'. The proposal summary states: 'The proposal aims to upgrade Statemine runtime to v2: dispatching an XCM call from the relay chain governance to authorise parachainSystem.authorizeUpgrade(hash). Among other changes, the proposal will enable permissionless asset creation. After approval, the proposal will be voted in referenda queue by the community. Once on-chain governance passes this, anyone can submit an unsigned transaction to submit the actual code and upgrade the runtime (it will have to match the previously agreed hashes).'. Below the summary, there is a bulleted list of links for XCM call hash, parachainSystem.authorizeUpgrade(hash) hash, and the runtime file. A note at the bottom encourages users to vote. On the right side of the screen, a green box displays the referendum results for this proposal. The results show a 'Passing' outcome with 'Aye: 1 825.52' and 'Nay: 0.00'. The failing threshold is listed as '1 825.52'. Below the results, turnout and individual Aye and Nay amounts are shown. A large green button labeled 'Vote' is present, with a green arrow pointing to it from below. A blue box at the bottom right contains the instructions: '3. If you are registered on Polkassembly, you can click on vote to complete the procedure. Otherwise, go back to Polkadot-JS Apps.'

2. Read the information on the referendum.

#125 Upgrade Statemine runtime to v2

Started

The proposal aims to upgrade Statemine runtime to v2: dispatching an XCM call from the relay chain governance to authorise parachainSystem.authorizeUpgrade(hash).

Among other changes, the proposal will enable permissionless asset creation. After approval, the proposal will be voted in referenda queue by the community. Once on-chain governance passes this, anyone can submit an unsigned transaction to submit the actual code and upgrade the runtime (it will have to match the previously agreed hashes).

- Hash for XCM call (council motion) can be found [HERE](#). Hash (from srtool / Blake2-256 hash): 0x804c97cbf81f12d520204e7b1302603b4232a46ff0f408eea2ef9a9356109187 and encoded call data 0x0103804c97cbf81f12d520204e7b1302603b4232a46ff0f408eea2ef9a9356109187
- Hash for parachainSystem.authorizeUpgrade(hash) can be found [HERE](#).
- Runtime file can be found [HERE](#).

Please vote at your earliest convenience!

Like 0 | Dislike 0 | [Subscribe](#) | [Track](#)

Passing

Aye: 1 825.52 | Nay: 0.00
Failing threshold: 1 825.52

Turnout (0.01%) | Aye ? | Nay ?
1 825.43 KSM | 1 825.43 KSM | 0.00 KSM

Vote

3. If you are registered on Polkassembly, you can click on **vote** to complete the procedure. Otherwise, go back to **Polkadot-JS Apps**.

GUIDE TO POLKADOT-JS – PART IV: Governance

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The screenshot shows the Polkadot.js Governance interface for the Kusama network. The top navigation bar includes links for Accounts, Network, Governance (selected), Developer, Settings, GitHub, and Wiki. Below the navigation is a header with sections for Democracy, Overview (selected), and Dispatch. A sidebar on the left lists Democracy, Proposals, Referenda, and External.

Key statistics displayed:

- proposals: 0 total 48
- referenda: 1 total 126
- launch period: 7 days 6 hrs 26 mins (96% complete)

Two main sections are shown:

- referenda**: A list of 125 referenda. One specific referendum is highlighted:
 - Preimage: 0x4f19b4...304d8278
 - Remaining: 3 days 10 hrs 49,627 blocks
 - Status: ✓ (green checkmark)
 - Votes:
 - Aye (7) 1,825,3245 KSM
 - Nay 0,0000 KSM
 - Buttons: + Image, ✓ Vote, and several small icons for sharing or editing.
- proposals**: No active proposals.
- external**: No external proposals.

A blue callout box with the text "4. Click on vote." has a green arrow pointing to the "✓ Vote" button in the referendum row.

The screenshot shows the Polkadot.js Democracy interface for voting on proposal #125. The user is logged in as ANAELLE LTD@KSM with a voting balance of 1.7535 KSM. A green arrow points to the 'vote value' input field where '0.1' is entered. Another green arrow points to the dropdown arrow next to the conviction selection, which is set to '0.1x voting balance, no lockup period'. To the right, a callout box contains instructions for step 5: 'If this proposal is passed, the changes will be applied via dispatch and the deposit returned.' Below it, step 7 is explained: 'The vote will be recorded for this account. If another account delegated to this one, the delegated votes will also be counted.' Further down, it states: 'The balance associated with the vote will be locked as per the conviction specified and will not be available for transfer during this period.' A final note says: 'Conviction locks do overlap and is additive, meaning that funds locked during a previous vote can be locked again.'

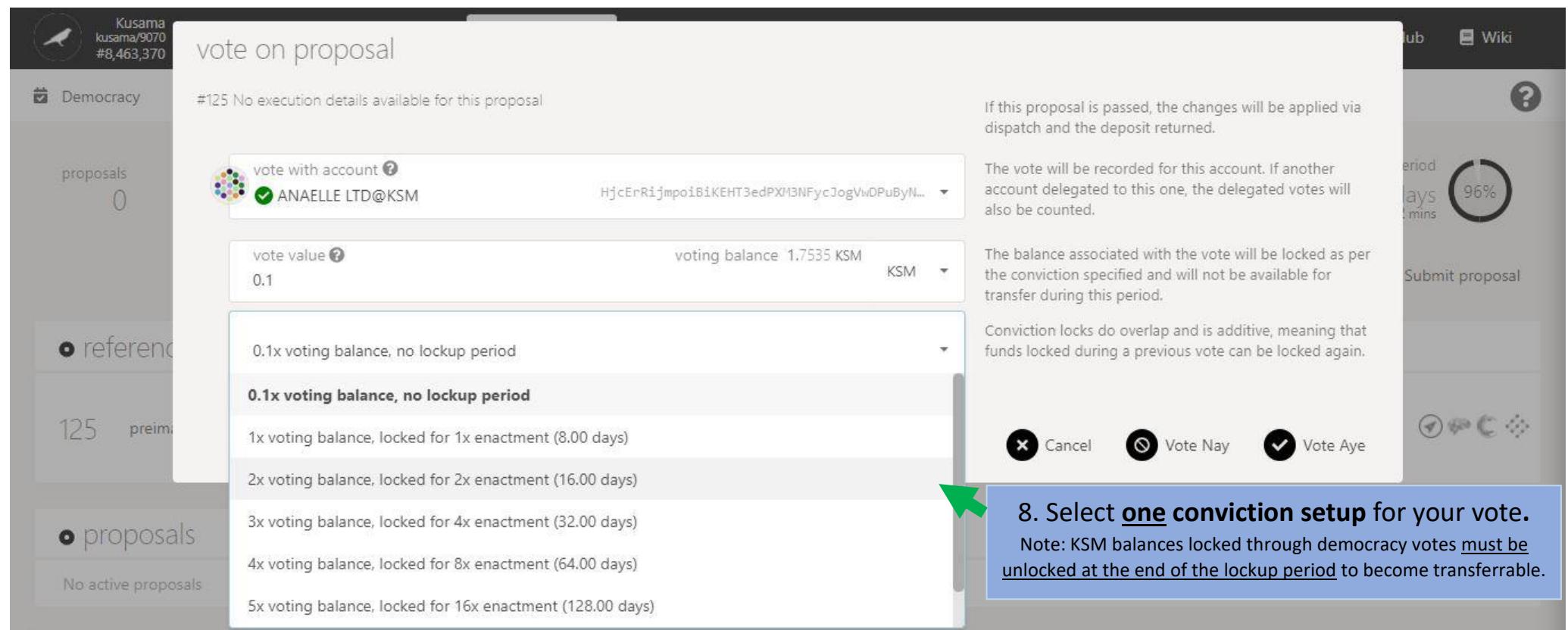
5. Follow on-screen instructions carefully.

6. Enter a KSM amount for your vote.

7. Click on the dropdown arrow to view more conviction setups.

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vote on proposal

#125 No execution details available for this proposal

vote with account  ANAEILLE LTD@KSM HjcErRijmpoiBiKEHT3edPXH3NFycJogVwDPuByN...

vote value  0.1 voting balance 1.7535 KSM KSM

0.1x voting balance, no lockup period

0.1x voting balance, no lockup period

- 1x voting balance, locked for 1x enactment (8.00 days)
- 2x voting balance, locked for 2x enactment (16.00 days)
- 3x voting balance, locked for 4x enactment (32.00 days)
- 4x voting balance, locked for 8x enactment (64.00 days)
- 5x voting balance, locked for 16x enactment (128.00 days)

If this proposal is passed, the changes will be applied via dispatch and the deposit returned.

The vote will be recorded for this account. If another account delegated to this one, the delegated votes will also be counted.

The balance associated with the vote will be locked as per the conviction specified and will not be available for transfer during this period.

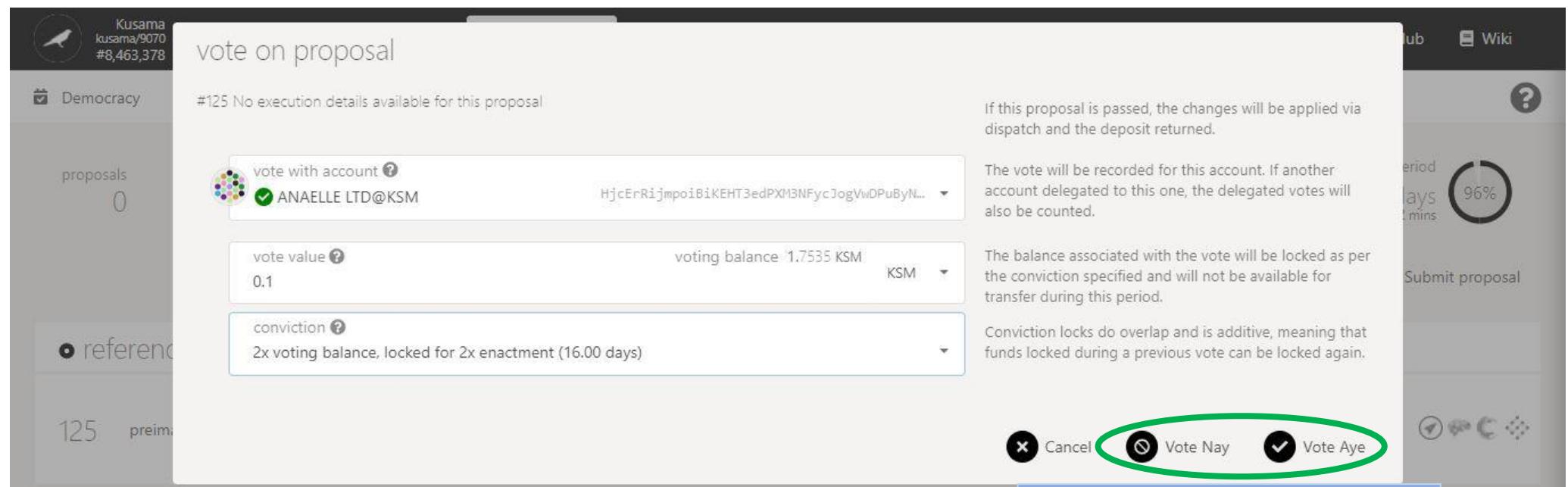
Conviction locks do overlap and is additive, meaning that funds locked during a previous vote can be locked again.

8. Select one conviction setup for your vote.

Note: KSM balances locked through democracy votes must be unlocked at the end of the lockup period to become transferrable.

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9. Click on **Vote Nay** or **Vote Aye**
to continue the procedure.

Nature of the transaction.

The screenshot shows the Polkadot.js extension interface for Kusama. On the left, there's a sidebar with 'Democracy' selected, showing 0 proposals. The main area is titled 'authorize transaction' and contains the following details:

- Sending transaction `democracy.vote(ref_index, vote)`
- Description: Vote in a referendum. If `vote.is_aye()`, the vote is to enact the proposal; otherwise it is a vote to keep the status quo.
- Fees: Fees of 45.9995 micro KSM will be applied to the submission (highlighted with a green box).
- Account: sending from my account, ANAELLE LTD@KSM
- Call hash: 0x91fe984fc027ffd24f27555a5e6cb1cae0a3e230804e380346a2ead15e100ed9
- Fee tip: A toggle switch labeled 'Do not include a tip for the block author'.
- Buttons: 'Sign and Submit' (disabled) and 'Cancel'.

At the top right, a blue bar displays the transaction status: `democracy.vote queued`. A green arrow points down to this status bar. To the right of the main form, there's a sidebar with a progress bar at 96% and a button labeled 'Submit proposal'.

10. 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 this type of call.

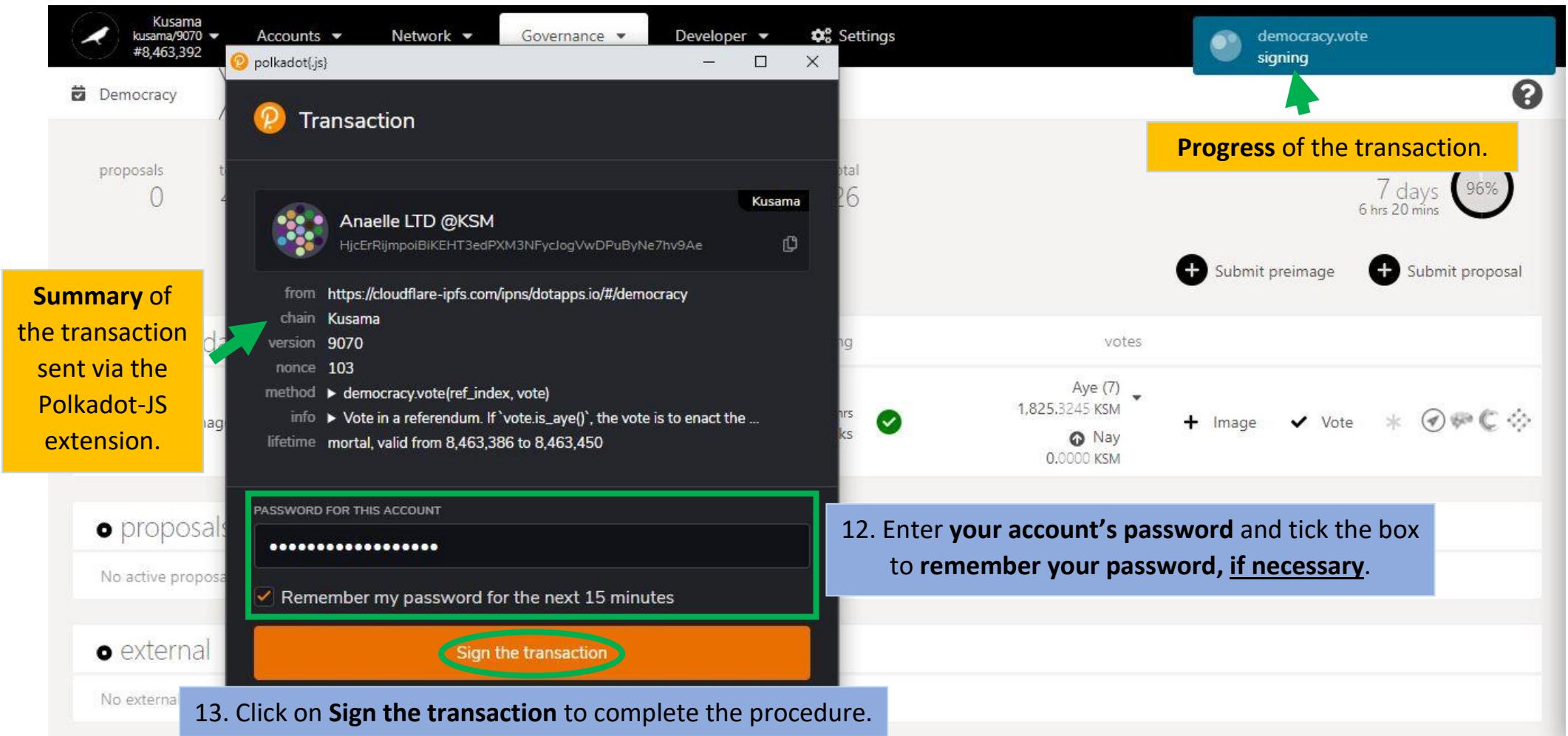
The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

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

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



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The screenshot shows the Polkadot.js Governance interface. At the top, there are navigation tabs: Democracy, Overview (which is selected), and Dispatch. On the left, there are sections for proposals (0 total 48) and referenda (1 total 126). A progress bar indicates a launch period of 7 days, 6 hrs 15 mins, at 96%. Below these, there are buttons for "Submit preimage" and "Submit proposal". The main area displays a referendum with the following details:

votes
Aye (8) 1,825.5245 KSM
Nay 0.0000 KSM

A green arrow points to the dropdown arrow next to the "Aye" vote count. A blue callout box says "14. Your vote has been included!". Another blue callout box below it says "15. Click on the dropdown arrow to view your voting details." There are also buttons for "Image", "Vote", and "Share".

14. Your vote has been included!

15. Click on the dropdown arrow to view your voting details.

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The screenshot shows the Polkadot.js interface for the Kusama network. The top navigation bar includes 'Accounts', 'Network', 'Governance' (which is selected), 'Developer', and 'Settings'. Below the navigation is a header with 'Democracy' (selected), 'Overview' (highlighted in blue), and 'Dispatch'. The main stats area shows 0 proposals (total 48), 1 referenda (total 126), and a launch period of 7 days (96% complete). Buttons for 'Submit preimage' and 'Submit proposal' are visible.

The 'referenda' section lists a single referendum with the following details:

- Preimage: 0x4f19b4...304d8278
- Remaining: 3 days 10 hrs
- Blocks: 49,518
- Status: ✓ (green checkmark)

The referendum table shows the following votes:

votes
Aye (8) 1,825,5245 KSM
LIPENG 1x - 1,800,000 KSM
RTTI-5220 1x - 20,000 KSM
PLAYING WITH DL 1x - 4,000 KSM
H2CFDT...T2JHXY 1x - 1,3233 KSM
ANAEILLE LTD@KS 2x - 0,1000 KSM
DiUCbg...nVbvsj 0,1x - 0,0116 KSM
Cp49ff...3b5PRT 0,1x - 0,0012 KSM
Dqxasp...wgXHAp 0,1x - 0,0000 KSM

A green arrow points from the 'ANAEILLE LTD@KS' row to a callout box containing the following text:

16. Your account address, lockup period and voting amount are displayed!

b) Clear expired democracy locks.

1. Click **Accounts**.

A screenshot of the Polkadot.js web interface. At the top, there is a dark header with the network name "Kusama" and account details "kusama/9080 #8,754,594". Below the header, there are several navigation tabs: "Network", "Governance", "Developer", and "Settings". To the right of these are links to "GitHub" and "Wiki". The main content area has a title "My accounts" and a subtitle "Vanity generator". There are several buttons for account management: "Add account", "Restore JSON", "Add via QR", "Add via Ledger", "Multisig", and "Proxied". A search bar at the top says "filter by name or tags". Below it is a table with columns "accounts", "type", "tags", and "balances". Two accounts are listed: "ALTD@KSM (EXTENSION)" (injected, no tags, balance 20.3948 KSM) and "ANAEILLE LTD@KSM" (injected, no tags, balance 2.7866 KSM). The "ANAEILLE LTD@KSM" row is highlighted with a light gray background. A green arrow points to the downward arrow icon next to the balance "2.7866 KSM".

accounts	type	tags	balances
ALTD@KSM (EXTENSION)	injected	no tags	20.3948 KSM
ANAEILLE LTD@KSM	injected	no tags	2.7866 KSM

2. Click on the
dropdown arrow to
view your balances.

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The screenshot shows the Polkadot-JS extension interface. At the top, there's a navigation bar with tabs for Accounts, Network, Governance, Developer, and Settings. Below the navigation bar, there are buttons for Add account, Restore JSON, Add via QR, Add via Ledger, Multisig, and Proxied. The main area is titled "My accounts" and shows two accounts:

accounts	type	tags	balances
ALTD@KSM (EXTENSION)	injected	no tags	20.3948 KSM
ANAELLE LTD@KSM	injected	no tags	23.1814 KSM

A blue callout box highlights the "democracy" balance for the ANAELLE LTD@KSM account, which is 0.1000 KSM. The interface also shows other balance details for this account: 2.7866 KSM (transferrable), 1.7783 KSM (locked), and 0.1083 KSM (reserved). There are "send" and more options buttons for each account.

3. Your democracy balance is now visible!

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The screenshot shows the Polkadot.js extension interface. At the top, there's a navigation bar with tabs for Accounts, Network, Governance, Developer, and Settings. The Accounts tab is selected, showing "My accounts" and a "Vanity generator". Below this, there are buttons for adding accounts via JSON, QR code, Ledger, Multisig, or Proxied methods. A search bar allows filtering by name or tags. The main area displays a list of accounts:

	accounts	type	tags
★	ALTD@KSM (EXTENSION)	injected	no tags
★	ANAEILLE LTD@KSM	injected	no tags

A blue callout box with a green arrow points to the three vertical dots next to the ANAEILLE LTD@KSM account, with the text: "5. Click on the 3 vertical dots to view Account settings." Another blue callout box with a green arrow points to the lock status icon for the ANAEILLE LTD@KSM account, with the text: "4. Hover on the icon to check the lock status." The lock status for the ANAEILLE LTD@KSM account is shown as "#125 0.1000 KSM Locked2x lock expired".

5. Click on the 3 vertical dots to view Account settings.

4. Hover on the icon to check the lock status.

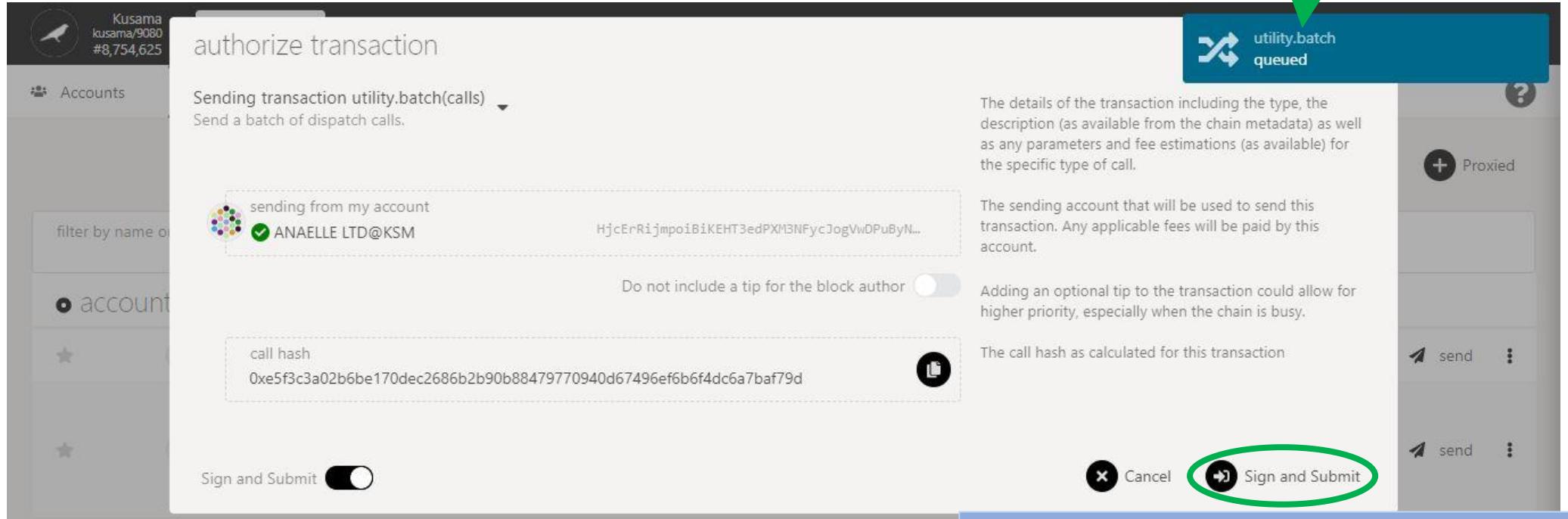
The screenshot shows the Polkadot-JS interface with the 'My accounts' tab selected. A context menu is open over an account named 'ANAEILLE LTD@KSM'. The menu items include:

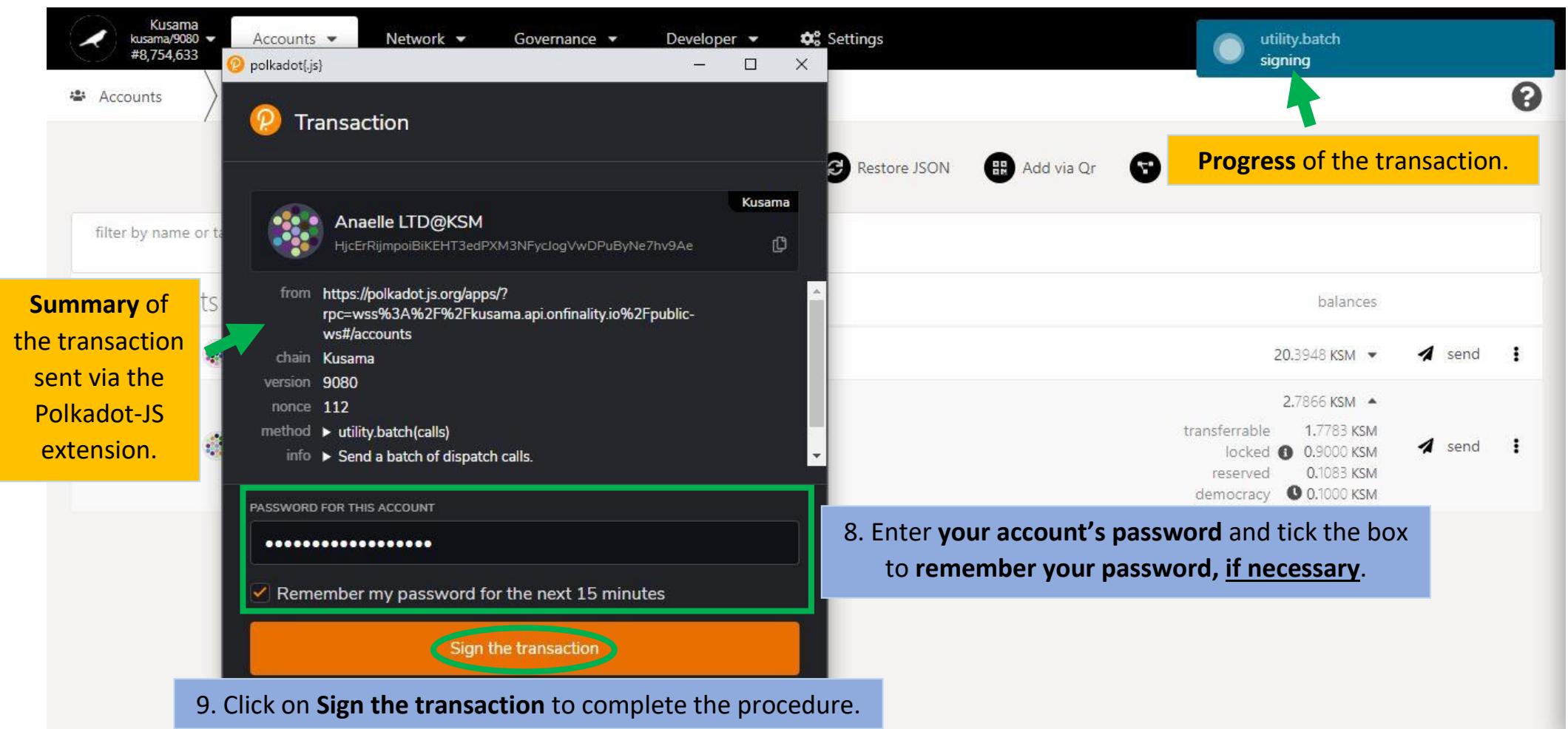
- Set on-chain identity
- Set on-chain sub-identities
- Clear expired democracy locks** (highlighted with a green arrow)
- Make recoverable
- Initiate recovery for another
- Delegate democracy votes
- Add proxy

Below the menu, the account details are shown:

transferrable	locked	send
0.9000 KSM	0.1083 KSM	
reserved	democracy	
0.1000 KSM	23.1814 KSM	

A blue callout box contains the instruction: **6. Click on Clear expired democracy locks to remove your votes.**

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



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The screenshot shows the Polkadot-JS Accounts interface. At the top, there's a navigation bar with links for Accounts, Network, Governance, Developer, and Settings. Below the navigation bar, there are tabs for Accounts and Vanity generator, with Accounts being the active tab. On the left, there's a sidebar with a profile icon and the text "Kusama kusama/9080 #8,754,645". Below the sidebar, there are buttons for Add account, Restore JSON, Add via QR, Add via Ledger, Multisig, and Proxied. A search bar labeled "filter by name or tags" is present. The main content area displays two accounts:

accounts	type	tags	balances
ALTD@KSM (EXTENSION)	injected	no tags	2.7866 KSM transferrable 1.7782 KSM locked 0.9000 KSM reserved 0.1083 KSM
ANAEILLE LTD@KSM	injected	no tags	23.1814 KSM

A blue callout box with the text "10. Your democracy locks have been cleared!" is positioned above the second account. A green box highlights the balance details for the first account.

c) Submit referendum pre-images.

Kusama
kusama/9080
#8,583,196

Accounts ▾ Network ▾ Governance ▾ Developer ▾ Settings

GitHub Wiki

Democracy Overview Dispatch ?

proposals total 0 48

referenda total 0 128

launch period 7 days 5 days 22 hrs 15%

+ Submit preimage + Submit proposal

1. Click on **Submit preimage**.

referenda
No active referendums

proposals
No active proposals

external
No external proposal

Referendum preimage in detail:
A **referendum preimage** is the first of two steps when proposing a public referendum that the community can vote on.
The preimage hash is required to enact/implement a referendum proposal once it has been passed/approved by voting.

2. Follow on-screen instructions carefully.

This account will pay the fees for the preimage, based on the size thereof.

The image (proposal) will be stored on-chain against the hash of the contents.

When submitting a proposal the hash needs to be known. Proposals can be submitted with hash-only, but upon dispatch the preimage needs to be available.

The calculated storage costs based on the size and the per-bytes fee.

Cancel + Submit preimage

3. Click on the dropdown arrow to view the list of runtime modules.

submit preimage

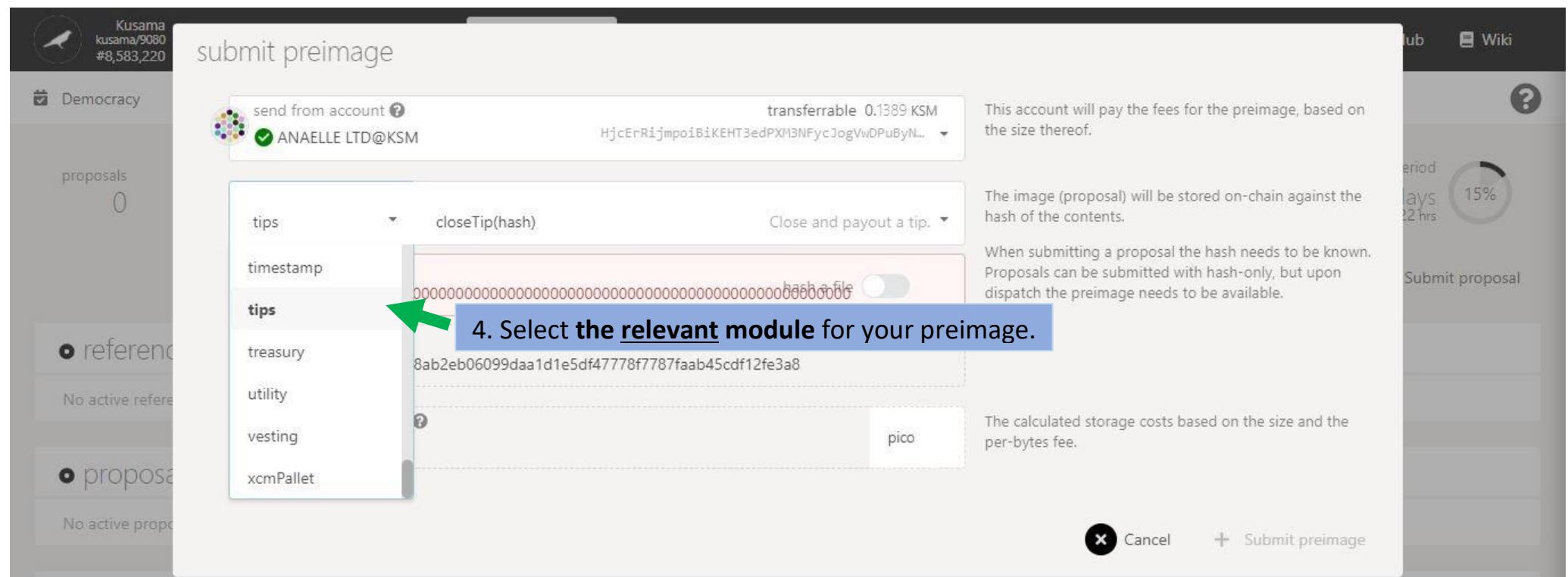
send from account ? **ANAEILLE LTD@KSM** transferrable 0.1389 KSM
HjcErRijmpo1BiKEHT3edPXN3NFycJogVwDPuByN...

propose ? system setCode(code) Set the new runtime code.

code: Bytes
0x prefixed hex, e.g. 0x1234 or ascii data file upload

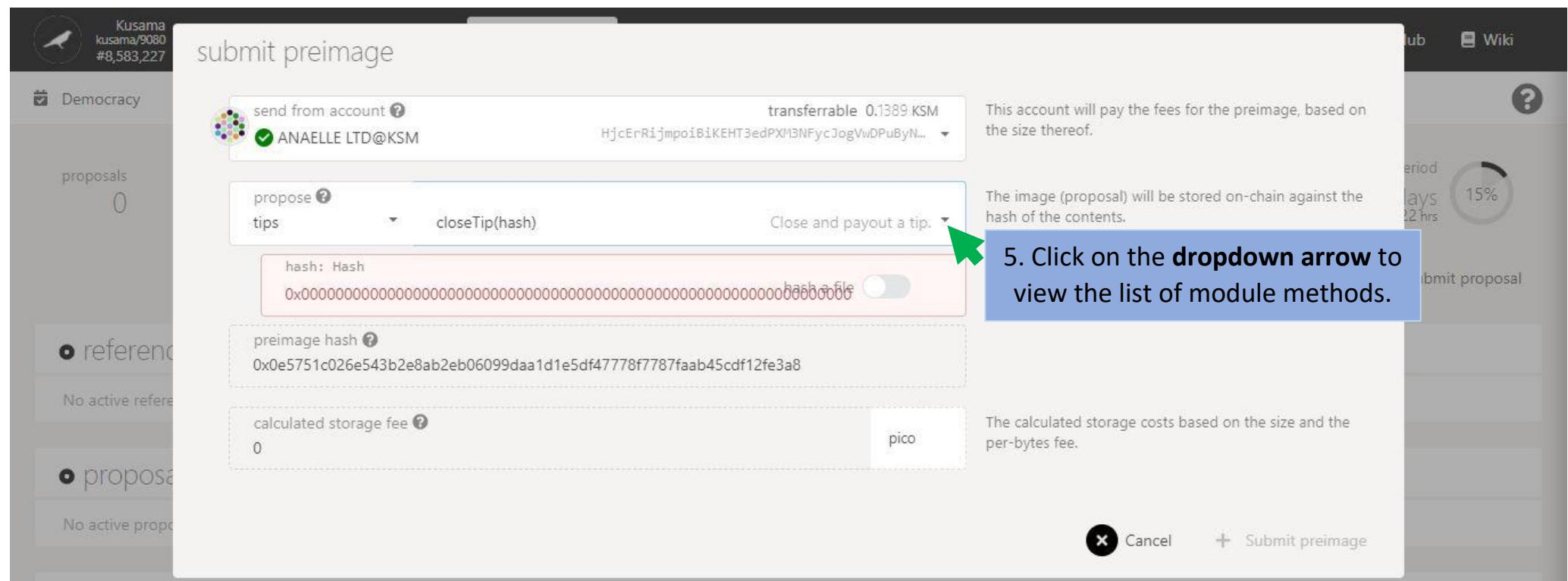
preimage hash ?
0x0e5751c026e543b2e8ab2eb06099daa1d1e5df47778f7787faab45cdf12fe3a8

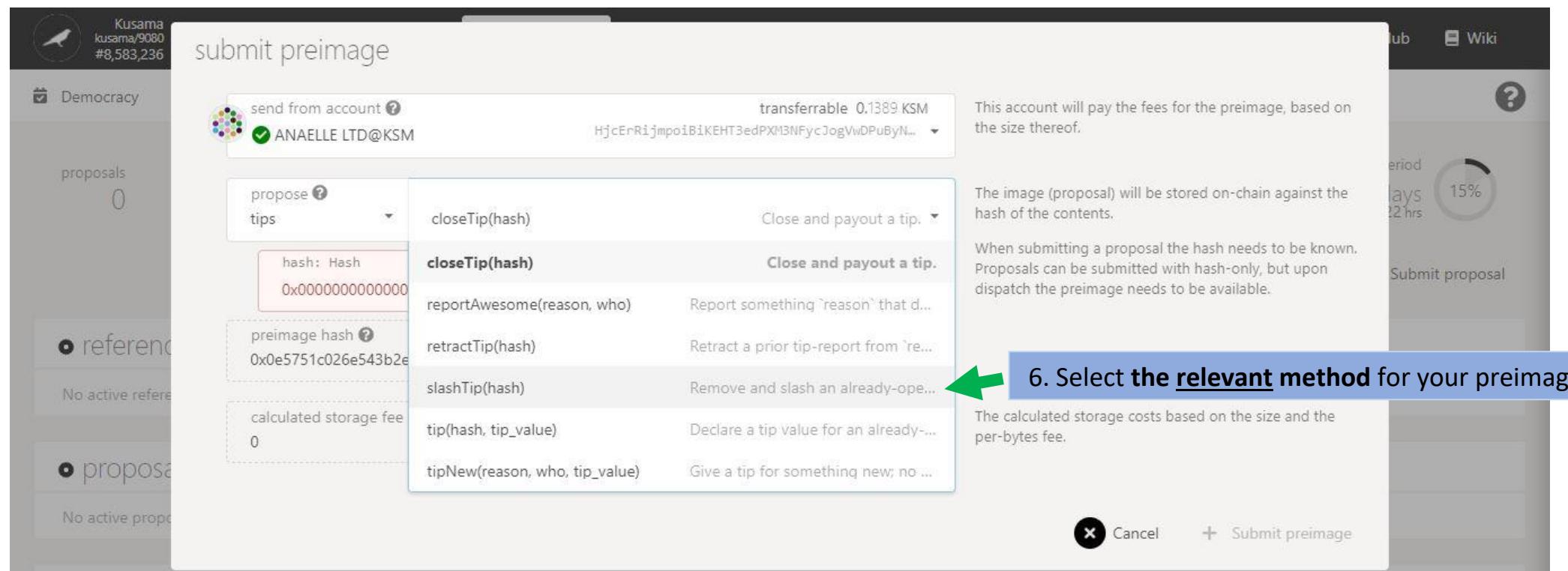
calculated storage fee ? 0 pico



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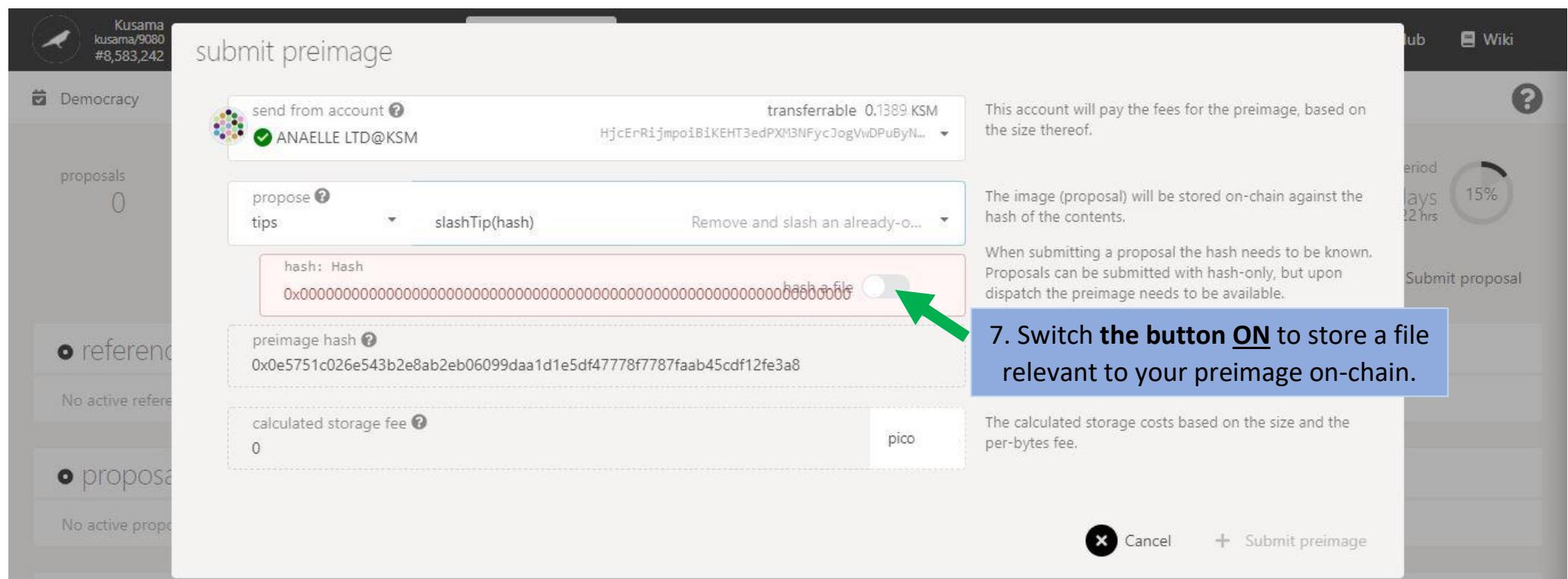




The screenshot shows the Polkadot.js wallet interface with the Kusama network selected. The main header displays "kusama/9080 #8,583,236". On the left sidebar, there are sections for Democracy (0 proposals), Reference (No active references), and Proposals (No active proposals). The main content area is titled "submit preimage". It shows a transaction being sent from account "ANAEILLE LTD@KSM" with a balance of "transferrable 0.1389 KSM" and a hash "HjcErRijmpoiBiKEHT3edPXM3NFycJogVwDPuByN...". Below this, a dropdown menu under "tips" lists several methods:

- closeTip(hash)** (selected): Close and payout a tip.
- closeTip(hash)**: Close and payout a tip.
- reportAwesome(reason, who)
- retractTip(hash)
- slashTip(hash)
- tip(hash, tip_value)
- tipNew(reason, who, tip_value)

To the right of the dropdown, explanatory text and a note about fees are displayed. At the bottom right of the dialog are "Cancel" and "Submit preimage" buttons. A large blue callout box with the text "6. Select the relevant method for your preimage." is overlaid on the right side of the dropdown menu, with a green arrow pointing to the "closeTip(hash)" entry.



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The screenshot shows the Polkadot.js extension interface for Kusama. The main title is "submit preimage". On the left sidebar, there are sections for Democracy, proposals (0), references (No active references), and proposals (No active proposals). The main form area has the following fields:

- send from account:** ANAELLE LTD@KSM (selected)
- tips:** slashTip(hash)
- hash:** Hash (input field: click to select or drag and drop the file here)
- preimage hash:** 0xb0269ab77d57f6feb0740d701bb2e2b4cd751a263a0fb0c0f5b4b713203837fa
- calculated storage fee:** 11.3332 pico

A green arrow points to the "hash a file" button, which is a toggle switch. A blue callout box with the text "8. Click to attach a file to your preimage." is positioned over the "hash a file" button.

On the right side of the interface, there are status indicators: a progress bar at 15%, a timer showing 2 days 2 hrs, and a "Submit proposal" button.

The screenshot shows the Polkadot.js extension interface for Kusama. The main window displays a 'submit preimage' dialog. On the left sidebar, there are sections for Democracy, proposals (0), references, and proposals (No active proposals). The main dialog has the following fields:

- send from account:** ANAELLE LTD@KSM (transferrable 0.1389 KSM)
- propose:** tips → slashTip(hash)
- hash:** Hash (0x8fa6f9ef7707faf83fa13e05a4fea81e79031166acaaff69ba5bd8962cb7946e) with a 'hash a file' toggle switch.

Below these fields, a blue box contains the text: "9. Your file has been hashed and is ready to be stored on-chain!". A green arrow points from this text down to the storage fee information. At the bottom of the dialog, it says "calculated storage fee: 11.3332 pico". To the right, there are "Cancel" and "Submit preimage" buttons. The background shows a progress bar for a proposal submission.

9. Your file has been hashed and is ready to be stored on-chain!

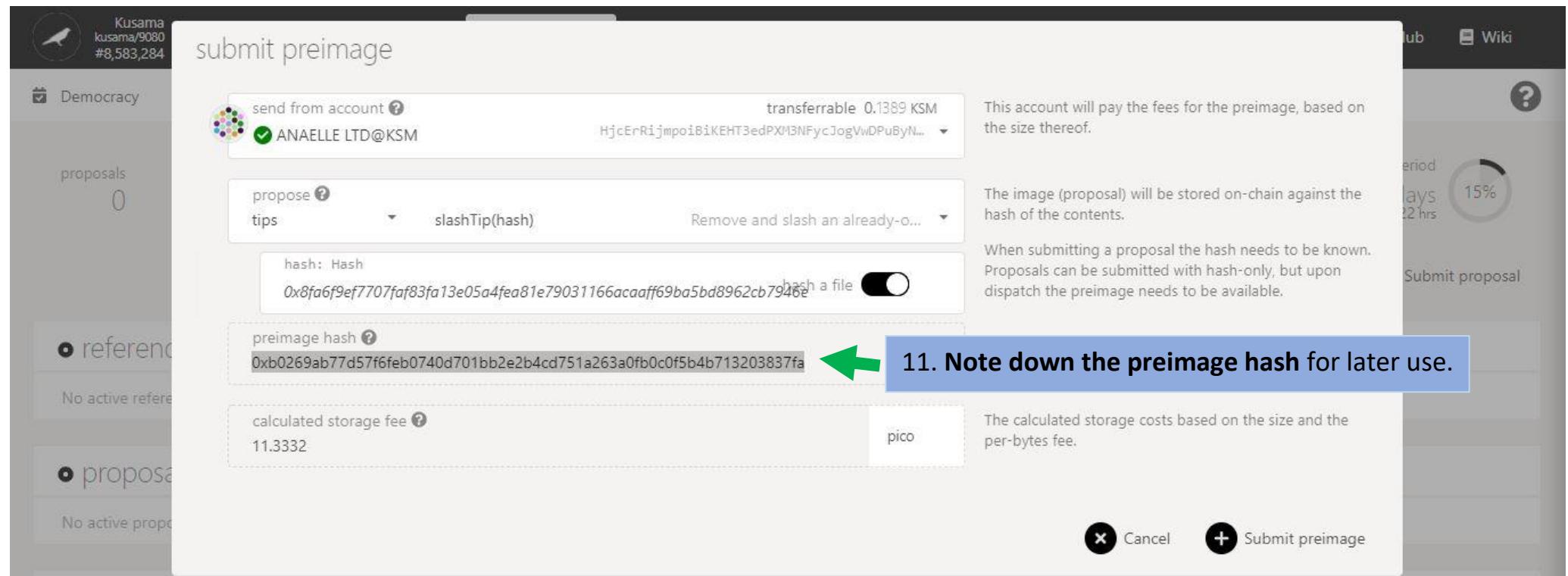
10. Check the storage fees.

calculated storage fee 11.3332 pico

Cancel Submit preimage

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Nature of the transaction.

The screenshot shows the Polkadot.js extension interface for the Kusama network. The main title is "authorize transaction". Below it, the transaction details are listed: "Sending transaction democracy.notePreimage(encoded_proposal)". A note says "Register the preimage for an upcoming proposal. This doesn't require the proposal to be in the dispatch queue but does require a deposit, returned once enacted." A green box highlights the fee information: "Fees of 50.9995 micro KSM will be applied to the submission". To the right, a blue box contains the transaction ID: "democracy.notePreimage queued". A green arrow points from the "Nature of the transaction." header to this box. The "Sign and Submit" button at the bottom right is circled in red.

authorize transaction

Sending transaction `democracy.notePreimage(encoded_proposal)`

Register the preimage for an upcoming proposal. This doesn't require the proposal to be in the dispatch queue but does require a deposit, returned once enacted.

Fees of 50.9995 micro KSM will be applied to the submission

sending from my account
ANAEILLE LTD@KSM

HjcErRijmpoiBiKEHT3edPXMI3NFycJogVwDPuByN...

Do not include a tip for the block author

call hash
0x10a3f34a56ed47dc111067f6d9bd72c3fc4cdc68ce742473e5c20c42afbb8c87

Sign and Submit

12. 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 call.

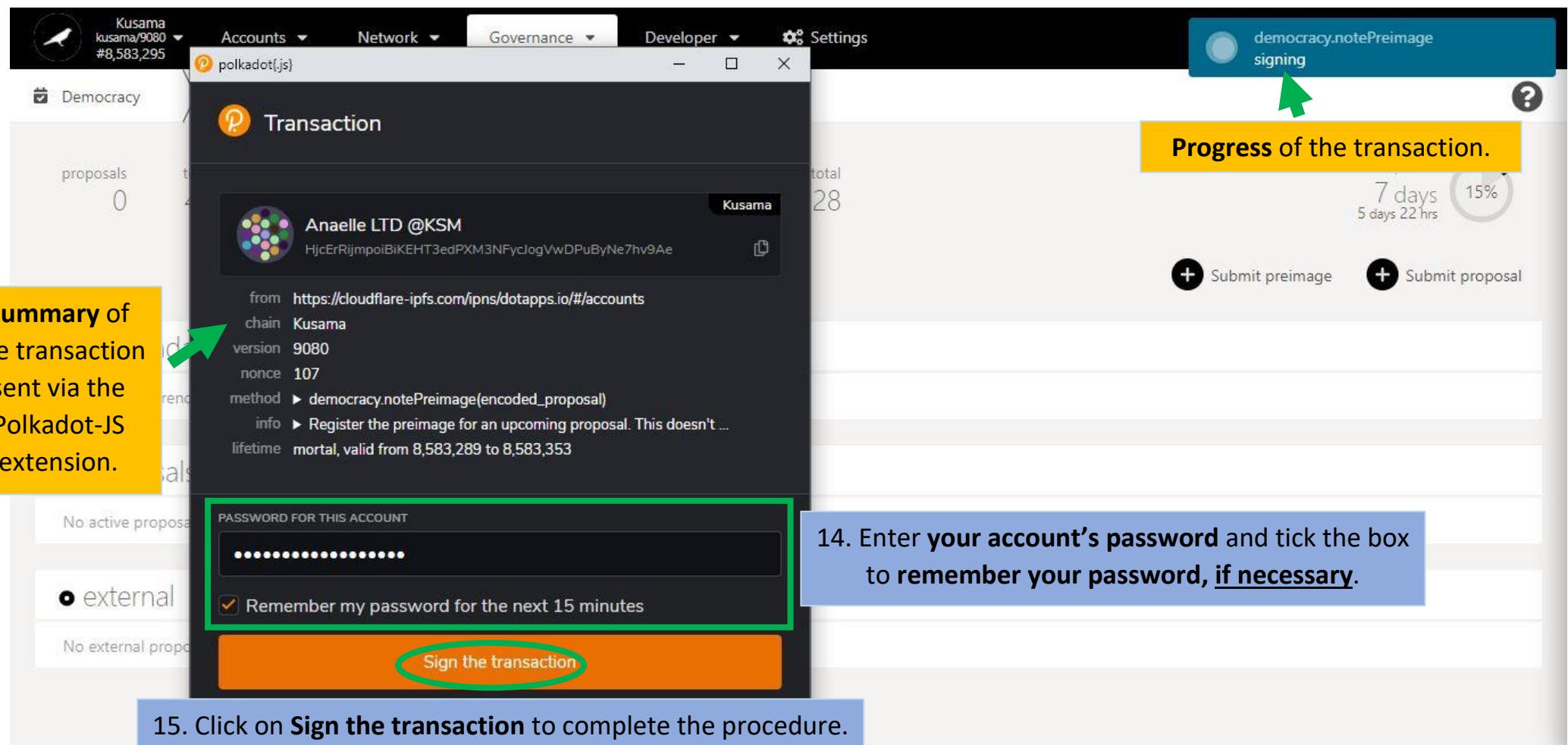
The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

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



d) Submit referendum proposals.

The screenshot shows the Polkadot.js Governance interface with the 'Democracy' tab selected. Key statistics displayed are:

- proposals: 0 / total 48
- referenda: 0 / total 128
- launch period: 7 days (5 days 22 hrs, 15% complete)

Two prominent buttons are available:

- + Submit preimage
- + Submit proposal

A green arrow points to the 'Submit proposal' button. A yellow callout box contains the following text:

Referendum proposal in detail:

A **referendum proposal** is the second of two steps when proposing a public referendum that the community can vote on.

A minimum deposit is required to submit a proposal, but it will be released when the proposal is timetabled as a public referendum.

1. Click on **Submit proposal**.

GUIDE TO POLKADOT-JS – PART IV: Governance

Version 1.0

The screenshot shows the 'submit proposal' screen in the Polkadot.js extension. On the left, there's a sidebar with 'Democracy' selected. The main area has a title 'submit proposal'. It includes fields for 'send from account' (ANAEILLE LTD@KSM), 'preimage hash' (0xb0269ab77d57f6feb0740d701bb2e2b4cd751a263a0fb0c0f5b4b713203837fa), 'locked balance' (0.01 KSM), and 'minimum deposit' (3.3333 milli KSM). A green box labeled '3. Enter the required information.' highlights the account selection. Another green box labeled '4. Check that you can afford the minimum deposit.' highlights the deposit amount. A third green box labeled '2. Follow on-screen instructions carefully.' highlights the explanatory text next to the locked balance field. A green oval highlights the 'Submit proposal' button. A blue box labeled '5. Click on Submit proposal to continue the procedure.' highlights the button.

2. Follow on-screen instructions carefully.

The proposal will be registered from this account and the balance lock will be applied here.

The hash of the preimage for the proposal as previously submitted or intended.

The associated deposit for this proposal should be more than the minimum on-chain deposit required. It will be locked until the proposal passes.

3. Enter the required information.

4. Check that you can afford the minimum deposit.

5. Click on **Submit proposal** to continue the procedure.

Cancel + Submit proposal

Nature of the transaction.

The screenshot shows the Polkadot-JS interface for governance. On the left, there's a sidebar with sections for Democracy, proposals (0), references (0), and proposals (0). The main area is titled "authorize transaction" and shows a proposal to "democracy.propose(proposal_hash, value)". It includes a note about fees and the account from which it will be sent. A green box highlights the fee information: "Fees of 51.9995 micro KSM will be applied to the submission". To the right, a blue box contains the instruction "6. Check the transaction fees." Below this, there's a section for a tip to the block author and the call hash (0x37a21d25e966b5102383119a8fad900a9e51c2a5eb5d21f7235326e2d3fd2ca7). At the bottom right are "Cancel" and "Sign and Submit" buttons, with "Sign and Submit" circled in green. A yellow box at the top right says "Nature of the transaction." with a green arrow pointing to the "democracy.propose queued" status in the top right corner of the main window.

authorize transaction

Sending transaction `democracy.propose(proposal_hash, value)`
Propose a sensitive action to be taken.

Fees of 51.9995 micro KSM will be applied to the submission

sending from my account
ANAEILLE LTD@KSM

HjcErRijmpoiBIKEHT3edPXH3NFycJogVwDPuByN...

Do not include a tip for the block author

call hash
0x37a21d25e966b5102383119a8fad900a9e51c2a5eb5d21f7235326e2d3fd2ca7

Sign and Submit

6. Check the transaction fees.

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 this type of call.

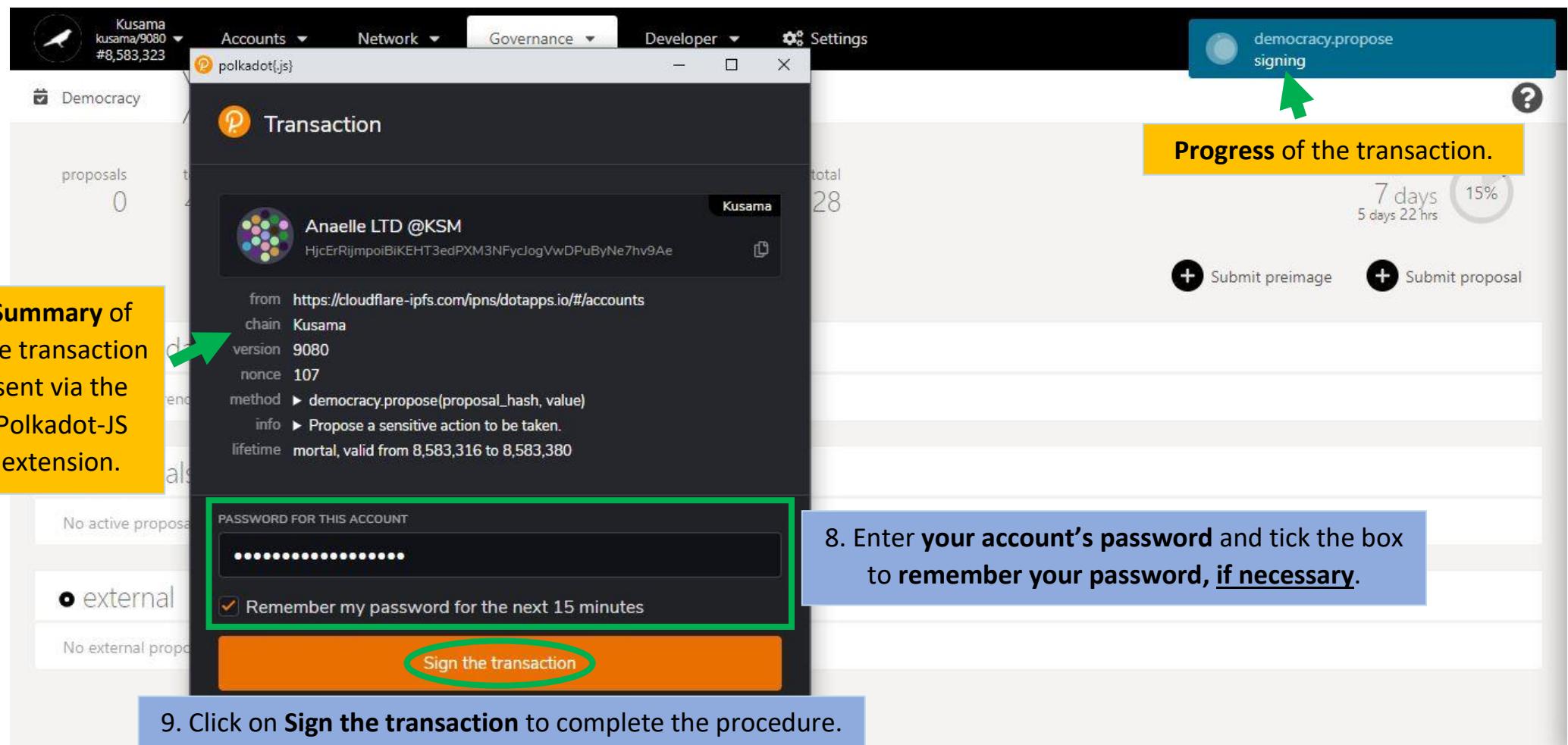
The sending account that will be used to send this transaction. Any applicable fees will be paid by this account.

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

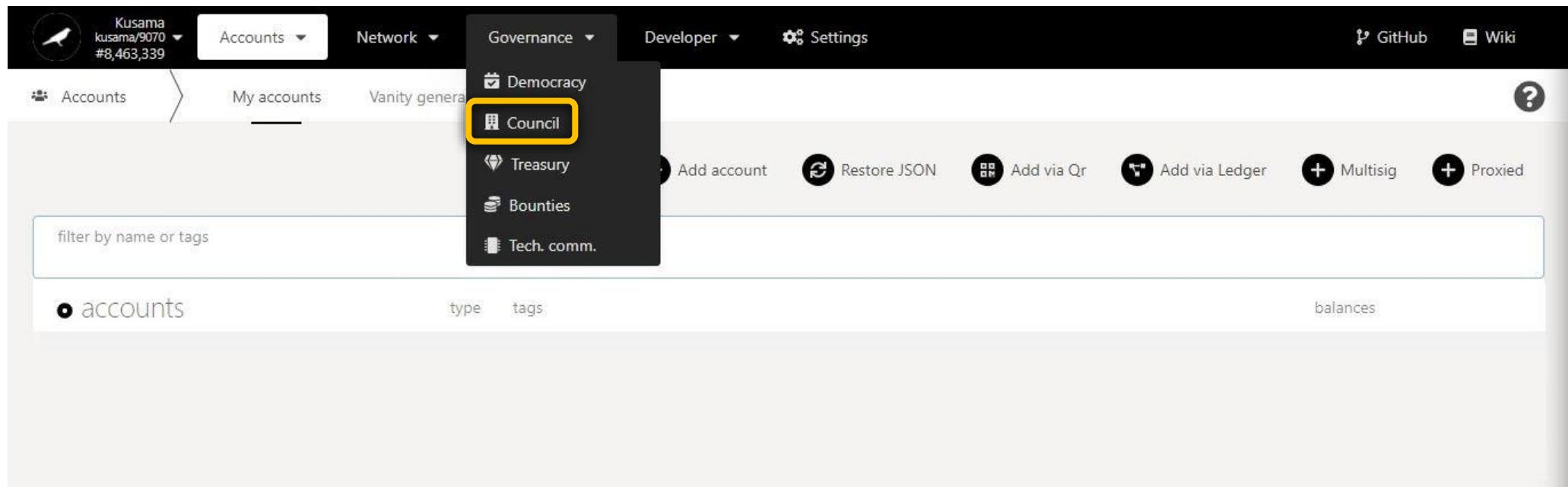
The call hash as calculated for this transaction

Cancel **Sign and Submit**

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



2. Council: Explore council-related activities.



a) Vote for council members, runners up and candidates.

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

- Header:** Kusama, kusama/9070, #8,200,195, Accounts, Network, Governance (selected), Developer, Settings, GitHub, Wiki.
- Breadcrumbs:** Council > Overview.
- Key Information:** Number of seats (19 / 19), Runners up (7 / 19), Candidates (0). Term progress: 1 day 13 hrs 30 s, 45%.
- Call-to-action:** 1. Click on vote. (with a green arrow pointing to the 'Vote' button).
- Council in detail:** The council is the on-chain account of a group of network participants that are elected for 1 term (i.e 1 day). The council overlooks referendum proposals, treasury proposals, tips, bounties, and technical committee memberships. Any KSM holder can vote for registered councillors/runners up/candidates. A voting deposit of 0.0675KSM is required, but it will be refunded once the vote is cleared.
- Cumulative vote value received by each councillor/runner up:** A table showing the cumulative vote value for each councillor/runner up.
- Backing and votes:** A table showing the backing and votes for each councillor/runner up.
- Text boxes:** Councillor identity/account address (highlighted with a green arrow pointing to the list of members) and NEVER SEND YOUR KSM TO A COUNCILLOR'S ADDRESS! (in red text).
- Number of votes received by each councillor/runner up:** A box indicating the total votes received by each councillor/runner up.

Backing	Votes
111,640.6114 KSM	75
97,520.3107 KSM	45
97,171.4717 KSM	13
87,447.6048 KSM	24
87,016.4618 KSM	36
84,610.9768 KSM	44

2. Follow on-screen instructions carefully.

The vote will be recorded for the selected account.

The value associated with this vote. The amount will be locked (not available for transfer) and used in all subsequent elections.

The votes for the members, runner-ups and candidates. These should be ordered based on your priority.

In calculating the election outcome, this prioritized vote ordering will be used to determine the final score for the candidates.

The amount will be reserved for the duration of your vote

3. Enter a KSM amount for your vote.

4. Click on 1-16 candidates' names to order them in your selection.

5. Click on Vote to continue the procedure.

Kusama
kusama/9070
#8,200,225

Council

vote for current candidates

voting account ? ANAEILLE LTD@KSM HjcErRijmpoiBiKEHT3edPXH3NFycJogVwDPuByN...

vote value ? 0.6000 voting balance 1.0376 KSM KSM

council candidates

- POLKAWORLD
- DAN REECER
- JACK
- CHORUS ONE/3
- KEVIN LI | EPC
- GAVIN - FIGMENT NETWORKS

my ordered votes

- RTTI-5220
- CHEVDOR
- JAM
- SHAWN TABRIZI
- BRUNO | W3F

voting bond ? 67.4133 milli

Cancel Unvote all Vote

Backing	Votes
1 KSM	75
1 KSM	45
1 KSM	13
1 KSM	24
1 KSM	36
1 KSM	44
1 KSM	41
1 KSM	37

Nature of the transaction.

The screenshot shows the Polkadot-JS extension interface for a Kusama Council seat. The transaction details are as follows:

- Transaction Type:** phragmenElection.vote
- Status:** queued
- Description:** Sending transaction phragmenElection.vote(votes, value)
- Fee:** Fees of 94.9990 micro KSM will be applied to the submission
- Sending Account:** ANAELLE LTD@KSM
- Call Hash:** 0xa41823f02dd3006854dbb1f411776129025f4ea67d9fdabde11adaa3acb152ea
- Options:** A toggle switch is present for "Do not include a tip for the block author".
- Buttons:** "Sign and Submit" (disabled) and "Cancel".

A green arrow points from the "Nature of the transaction." header to the transaction type in the top right corner of the extension window. A green circle highlights the "Sign and Submit" button.

6. 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 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.

The screenshot shows the Polkadot.js extension interface. On the left, there's a sidebar with a Kusama account summary: Kusama/kusama/9070 #8,200,245. Below it, a 'Council' section shows 19 / 19 seats. A yellow box on the left says: "Summary of the transaction sent via the Polkadot-JS extension." A green arrow points from this box to the 'Accounts' dropdown menu in the top bar, which is currently set to 'polkadot[.js]'. The main window title is 'Transaction' and shows a transaction for 'phragmenElection.vote(votes, value)' from 'Anaelle LTD@KSM' (HjcErRijmpoiBiKEHT3edPXM3NFycJogVwDPuByNe7hv9Ae). The transaction details include: from https://polkadot.js.org/apps/#/accounts, chain Kusama, version 9070, nonce 94, method phragmenElection.vote(votes, value), info Vote for a set of candidates for the upcoming round of election..., lifetime mortal, valid from 8,200,239 to 8,200,303. A green box highlights the 'Sign the transaction' button at the bottom of the transaction details panel. A blue box contains the instruction: "9. Click on Sign the transaction to complete the procedure." To the right of the transaction details, a progress bar indicates the transaction is at 46% completion, with 12 hours and 55 minutes remaining until it reaches 100%. A blue box contains the instruction: "8. Enter your account's password and tick the box to remember your password, if necessary." A green box highlights the password input field and the 'Remember my password for the next 15 minutes' checkbox.

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

Progress of the transaction.

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.

b) Clear council election votes.

The screenshot shows the Polkadot.js Governance interface for the Kusama network. The top navigation bar includes 'Accounts', 'Network', 'Governance' (selected), 'Developer', 'Settings', 'GitHub', and 'Wiki'. Below the navigation, a sidebar shows 'Council' (selected), 'Overview' (active), and 'Motions' (1). Key statistics are displayed: 19 / 19 seats, 7 / 19 runners up, 0 candidates, and term progress at 84% (1 day, 3 hrs 48 mins). A callout box with the text '1. Click on vote.' has an arrow pointing to the 'Vote' button next to the 'Submit candidacy' button. The main table lists members with their staking amounts and votes:

members	Backing	Votes
JACO	110,247.2670 KSM	77
ROBOT HEART	96,918.6914 KSM	15
JAM	95,960.5601 KSM	46
JUTTA	85,975.1974 KSM	25
RTTI-5220	83,467.7252 KSM	47

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The screenshot shows the Polkadot.js governance interface for the Kusama network. The top navigation bar includes 'Accounts', 'Networks', 'Governance' (selected), 'Developers', and 'Settings'. On the left sidebar, there's a 'Council' section showing 'seats 19 / 19'. The main content area is titled 'vote for current candidates'. It displays the 'voting account' as 'ANAEILLE LTD@KSM' with a balance of '0.2867 KSM'. Below this, the 'vote value' is set to '0.1000'. A 'Filter by name, address, or account index' input field is present. Two columns are shown: 'council candidates' (JACO, ROBOT HEART, JUTTA, AL SCIENTIST W3F, ACALA FOUNDATION) and 'my ordered votes' (RTTI-5220, CHEVDOR, JAM, SHAWN TABRIZI, BRUNO | RMRK.APP). A 'voting bond' of '67.4133' is listed. On the right, explanatory text and a table of backing and votes are visible. At the bottom, buttons for 'Cancel', 'Unvote all' (circled in green), and 'Vote' are available.

vote for current candidates

voting account ? ANAEILLE LTD@KSM

voting value ? 0.1000 voting balance 0.2867 KSM

Filter by name, address, or account index

council candidates

- JACO
- ROBOT HEART
- JUTTA
- AL SCIENTIST W3F
- ACALA FOUNDATION

my ordered votes

- RTTI-5220
- CHEVDOR
- JAM
- SHAWN TABRIZI
- BRUNO | RMRK.APP

voting bond ? 67.4133 milli

The vote will be recorded for the selected account.

The value associated with this vote. The amount will be locked (not available for transfer) and used in all subsequent elections.

The votes for the members, runner-ups and candidates. These should be ordered based on your priority.

In calculating the election outcome, this prioritized vote ordering will be used to determine the final score for the candidates.

The amount will be reserved for the duration of your vote

Backing votes

Backing	votes
0 KSM	77
1 KSM	15
1 KSM	46
1 KSM	25
2 KSM	47
3 KSM	38
3 KSM	45
2 KSM	35

Cancel Unvote all Vote

2. Click on **Unvote all** to continue the procedure.

Nature of the transaction.

The screenshot shows the Polkadot.js extension interface. On the left, there's a sidebar with various council members and their status. The main area is titled "authorize transaction" and shows a transaction for "phragmenElection.removeVoter". The transaction details include:

- Sending transaction:** phragmenElection.removeVoter()
- Description:** Remove origin as a voter.
- Fees:** Fees of 39.3329 micro KSM will be applied to the submission (highlighted with a green box).
- Account:** sending from my account (ANAELE LTD@KSM)
- Call hash:** 0x12d8978578c764ef6c58c6459c49e13f897410ff18b18bdb60efd6f69d4c1058
- Fee tip:** Do not include a tip for the block author (switch off)
- Sign and Submit:** Sign and Submit (button)
- Cancel:** Cancel (button)

A green arrow points from the "Nature of the transaction." text to the transaction details at the top right of the interface. A blue box highlights the "3. Check the transaction fees." step. A green oval highlights the "Sign and Submit" button.

3. Check the transaction fees.

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.

4. 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 labeled "Summary of the transaction sent via the Polkadot-JS extension." highlights the transaction details. A green arrow points from this summary to the password input field. Another green arrow points from the "Sign the transaction" button to a blue box containing step 6. A blue box on the right labeled "Progress of the transaction." shows the transaction status as "phragmenElection.removeVoter signing" with a progress bar at 84% complete over 1 day and 3 hours 45 mins. It also includes "Vote" and "Submit candidacy" buttons.

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

from https://cloudflare-ipfs.com/ipns/dotapps.io/?
rpc=wss%3A%2F%2Fkusama.api.onfinality.io%2Fpublic-ws#/council
chain Kusama
version 9080
nonce 111
method ► phragmenElection.removeVoter()
info ► Remove `origin` as a voter.
lifetime mortal, valid from 8.680.936 to 8.681.000

PASSWORD FOR THIS ACCOUNT
Sign the transaction

Remember my password for the next 15 minutes

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

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

Progress of the transaction.
phragmenElection.removeVoter signing
1 day 84%
3 hrs 45 mins
Vote Submit candidacy
Backing Votes
110,247.2670 KSM 77
96,918.6914 KSM 15
95,960.5601 KSM 46
82,431.0263 KSM 38
79,221.0638 KSM 45
75,294.8522 KSM 35

c) Submit a candidacy for council.

Kusama
kusama/9070
#8,200,251

Accounts Network Governance Developer Settings

Council Overview Motions 1

seats runners up candidates

19 / 19 7 / 19 0

term progress 1 day 12 hrs 54 mins 46%

Council candidacy in detail:

A **council candidacy** is used to run a **campaign for election** as one of the 19 councillors or 19 runners up.

Any KSM holder can register to become a councillor/runner up and vote for him/herself. A candidacy deposit of 0.0034KSM is required and will be refunded once the candidacy is cleared.

1. Click on Submit candidacy.

Vote

	Backing	Votes
111,640,6114 KSM	75	
97,520,3107 KSM	45	
97,171,4717 KSM	13	
87,447,6048 KSM	24	
87,016,4618 KSM	36	

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The screenshot shows the Polkadot.js extension interface for Kusama. At the top, it displays 'Kusama kusama/9070 #8,200,258'. Below this, the 'Council' section shows 'seats 19 / 19' and 'members'. The main area is titled 'submit your council candidacy' and contains fields for 'candidate account' (ANAELE LTD@KSM) and 'candidacy bond' (3.3333 milli KSM). To the right, a blue box with white text provides instructions: '2. Follow on-screen instructions carefully.' A green box highlights the 'candidate account' field with the note: 'This account will appear in the list of candidates. With enough votes in an election, it will become either a runner-up or a council member.' Another green box highlights the 'candidacy bond' field with the note: 'The bond will be reserved for the duration of your candidacy and membership.' At the bottom right are 'Cancel' and 'Submit' buttons, with 'Submit' being circled in green.

2. Follow on-screen instructions carefully.

This account will appear in the list of candidates. With enough votes in an election, it will become either a runner-up or a council member.

The bond will be reserved for the duration of your candidacy and membership.

Cancel Submit

3. Click on **Submit** to continue the procedure.

The screenshot shows the 'authorize transaction' screen for the same Kusama instance. It displays the transaction details: 'phragmenElection.submitCandidacy(candidate_count)' with a note 'queued'. A green box highlights the 'Fees of 39.6663 micro KSM will be applied to the submission' message. To the right, a yellow box titled 'Nature of the transaction.' shows the transaction type as 'phragmenElection.submitCandidacy' and its status as 'queued'. A blue box with white text provides instructions: '4. Check the transaction fees.' A green box highlights the 'sending from my account' field (ANAELE LTD@KSM). Other fields shown include 'call hash' (0xf3d7d91e7cfb2d484b5b78b40025a6ad90aa286a0851900b9a952393289b95bc), a toggle for 'Do not include a tip for the block author', and a 'Sign and Submit' button. To the right, a green box highlights the 'Sign and Submit' button, which is circled in green.

authorize transaction

Nature of the transaction.

phragmenElection.submitCandidacy queued

Fees of 39.6663 micro KSM will be applied to the submission

4. Check the transaction fees.

Do not include a tip for the block author

call hash

Sign and Submit

5. 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 password input field. Another green arrow points from the 'Sign the transaction' button to the progress bar at the top right.

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

Transaction

Anaelle LTD@KSM

from https://polkadot.js.org/apps/#/accounts
chain Kusama
version 9070
nonce 94
method ► phragmenElection.submitCandidacy(candidate_count)
info ► Submit oneself for candidacy. A fixed amount of deposit is req...
lifetime mortal, valid from 8,200,263 to 8,200,327

PASSWORD FOR THIS ACCOUNT
Sign the transaction

Remember my password for the next 15 minutes

Progress of the transaction.

phragmenElection.submitCandidacy signing
1 day 12 hrs 53 mins 46%

Vote Submit candidacy

	Backing	Votes
111,640,6114 KSM	75	
97,520,3107 KSM	45	
97,171,4717 KSM	13	
84,610,9768 KSM	44	
83,813,2043 KSM	41	
76,329,7010 KSM	37	

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

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

d) View council motions.

The screenshot shows the Polkadot.js Governance interface. At the top, there is a navigation bar with links for 'Accounts', 'Network', 'Governance' (which is currently selected), 'Developer', and 'Settings'. Below the navigation bar, there is a header with the network name 'Kusama' and account details 'kusama/9070 #8,467,828'. On the left, there is a sidebar with a 'Council' icon and tabs for 'Overview' and 'Motions'. A green arrow points to the 'Motions' tab, which is highlighted with a blue box containing the text '1. Click on Motions.'. Below the tabs, there are statistics: 'seats 19 / 19', 'runners up 7 / 19', 'candidates 0', and a progress bar for the term showing '1 day 22 hrs 57 mins' at 4%. There are also 'Vote' and 'Submit candidacy' buttons. The main content area displays a table of council members:

members	backing	votes
JACO	110,846.6839 KSM	74
ROBOT HEART	96,875.3743 KSM	14
JAM	96,159.1499 KSM	44
JUTTA	86,677.2524 KSM	24
RTTI-5220	84,265.3891 KSM	43

Key information on motions: **proposal ID, nature of the proposal, voting minima for approval, and time left to approve/reject.**

motions	threshold	voting end	votes	
332 treasury.approveProposal Approve a proposal. At a later time, the proposal will be allocated to the beneficiary and the original deposit will be returned.	12	2 days 20 hrs #8,509,030	Aye 1/12	

1. Click on the **dropdown arrow** to view the motion in detail.

Motion-related external links.

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The screenshot shows the Polkadot.js Governance interface. At the top, there's a navigation bar with tabs for 'Council', 'Overview', and 'Motions' (which is currently selected, indicated by a bold underline and a small '1' in a circle). Below the navigation is a row of buttons: '+ Propose motion', '+ Propose external', and 'Cancel slashes'. The main content area displays a single motion titled 'treasury.approveProposal'. The motion details are as follows:

proposal_id	Compact<ProposalIndex>	threshold	voting end	votes
100				
proposal: TreasuryProposal		12	2 days 20 hrs	Aye 1/12
{ proposer: ELkVhHcvaP9L43RK9SP6Wn3FBfusEN5EJe2gH7aA2ETiufP, value: 47.4199 KSM, beneficiary: E5S77xkFnRBq3qwDaRgdo1uuB1LXXy72RzsSBdQoLL3HTZJ, bond: 2.3709 KSM }		#8,509,030		Vote
beneficiary E5S77xkFnRBq3qwDaRgdo1uuB1LXXy72...				
payout 47.4199		KSM		

A green box highlights the 'proposal' object in the JSON structure. A green arrow points from this box to a callout box containing the instruction: '2. Click on the dropdown arrow to view current votes in detail.'

Motion in detail:

A **motion** is a vote created by the council to **approve or reject** referendum/treasury/bounty proposals.

It summarises information on the proposals (nature, proposer, value, bond paid, etc) that are stored on-chain.

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The screenshot shows the Polkadot.js Governance interface for the Kusama network. The top navigation bar includes 'Accounts', 'Network', 'Governance' (selected), 'Developer', 'Settings', 'GitHub', and 'Wiki'. Below the navigation, there are tabs for 'Council', 'Overview', and 'Motions' (selected), with a notification badge '1'. A row of buttons allows users to 'Propose motion', 'Propose external', or 'Cancel slashes'. The main area displays a single motion titled 'treasury.approveProposal'. The motion details are as follows:

- proposal_id:** Compact<ProposalIndex>
100
- proposal:** TreasuryProposal
{
proposer: ELkVhHcvaP9L43RK9SP6Wn3FBfusEN5EJe2gH7aA2ETiufP,
value: 47.4199 KSM,
beneficiary: E5S77xkFnRBq3qwDaRgdo1uuB1LXXy72RzsSBdQoLL3HTZJ,
bond: 2.3709 KSM
}
- beneficiary:** E5S77xkFnRBq3qwDaRgdo1uuB1LXXy72RzsSBdQoLL3HTZJ
- payout:** 47.4199 KSM

On the right side, the motion status is shown as 'Aye 1/12' with a timestamp of '2 days 20 hrs' and a balance of '#8,509,030'. A green checkmark next to the name 'RTTI-5220' indicates it has been voted for. A 'Vote' button is available. Two green arrows point to the 'Polkassembly' icon (a colorful hexagon) and the name 'RTTI-5220'.

Identity of the approving councillor(s).

3. Click on the Polkassembly icon to view the discussion thread.

4. Read the **information on the treasury proposal**.

#332 Open-Source DApp API: Milestone 2

Proposed

tldr: Second of three milestones in which SubQuery and Fearless Wallet create an open source API that should be able to provide different types of applications with a sufficient (but read-only) view of all key data within the Kusama chain. E.g. a developer could use it to create their own chain explorer without needing to directly query chain data

We believe that the DApps ecosystem will benefit from a common core API that each parachain can integrate (and extend) to index and expose their chain data for future consumer facing applications (e.g. a wallet, explorer, or other dApp).

There will be 3 individually proposed milestones delivering open source projects, packages, and associated learning material to help decentralised app developers start building applications on Polkadot/Kusama

Who

This is a joint proposal between two parties - SubQuery/OnFinality and Fearless Wallet/SORAMITSU

What

1. Create an Open-Source SubQuery Project for Common Data
2. Document and Publish Learning Material and Tutorials

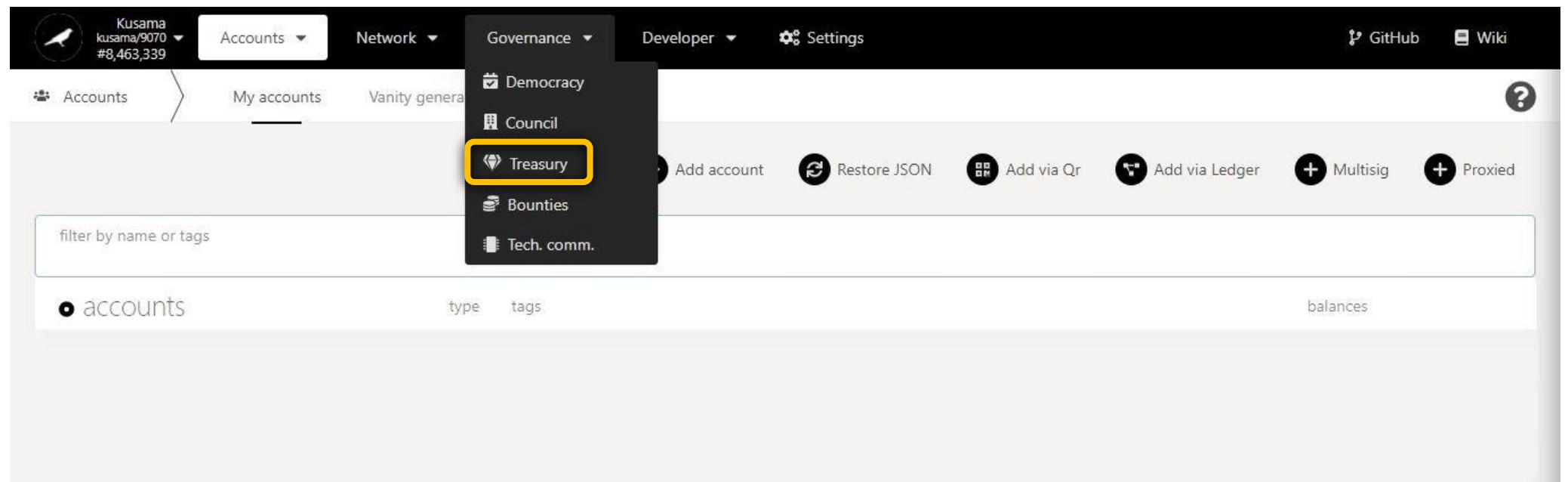
Council Votes

RTTI-5220 GLVe...F7wj Aye

Vote

No account found from the council :([Let me try still.](#)

3. Treasury: Explore treasury-related activities.



a) View and submit treasury proposals.

Basic information on technical words used in the TREASURY section.

The screenshot shows the Polkadot-JS interface with the 'Treasury' tab selected. Key statistics displayed include:

- proposals: total 97, active 2, approved 2
- available: 373,369 KSM
- next burn: 746.7387 KSM
- spend period: 6 days 12 hrs 52 mins (91% complete)

Key information on treasury: **number of active & approved proposals, current pot & next burn amounts, time left before the next burn.**

proposals	beneficiary	payment	bond	
53 JOHNNYB	JOHNNYB	850.0000 KSM	42.5000 KSM	To council
76 HASHQUARK	HASHQUARK	523.0000 KSM	26.1500 KSM	To council

approved	beneficiary	payment	bond	
95 ONFINALITY/FRONTIER	E5577x...L3HTZJ	20.8800 KSM	1.0440 KSM	
96 OPENSQUARE	OPENSQUARE	79.4800 KSM	3.9740 KSM	

Proposal ID.

Proposer's Identity.

Treasury proposal in detail:

A **treasury proposal** is used to request funds from the Treasury pot.

The proposer needs to submit details of the proposal (i.e problem statement, proposed solutions, payout requested, milestones, etc) on a **public forum** for discussion.

A proposal bond of at least 5% of the requested payout is required and will only be refunded if the proposal is approved.

1. Click on **Submit proposal**.



Proposal-related external links.

Beneficiary's account address.

Payout requested for the proposal and **deposit paid** by the proposer.

The screenshot shows the 'submit treasury proposal' form. It includes fields for 'submit with account' (ANAELE LTD@KSM), 'beneficiary' (ANAELE LTD@KSM), 'value' (5 KSM), 'proposal bond' (5.00%), and 'minimum bond' (66.666 milli KSM). A warning message at the bottom left states: '⚠️ Be aware that once submitted the proposal will be put to a council vote. If the proposal is rejected due to a lack of info, invalid requirements or non-benefit to the network as a whole, the full bond posted (as described above) will be lost.' At the bottom right are 'Cancel' and 'Submit proposal' buttons.

2. Follow on-screen instructions carefully.

This account will make the proposal and be responsible for the bond.

The beneficiary will receive the full amount if the proposal passes.

The value is the amount that is being asked for and that will be allocated to the beneficiary if the proposal is approved.

Of the beneficiary amount, at least 5.00% would need to be put up as collateral. The maximum of this and the minimum bond will be used to secure the proposal, refundable if it passes.

3. Double-check warning messages.

⚠️ Be aware that once submitted the proposal will be put to a council vote. If the proposal is rejected due to a lack of info, invalid requirements or non-benefit to the network as a whole, the full bond posted (as described above) will be lost.

4. Click on Submit proposal to continue the procedure.

Nature of the transaction.

The screenshot shows the Polkadot.js extension interface for the Kusama network. The main title is "authorize transaction". Below it, the transaction details are listed: "Sending transaction treasury.proposeSpend(value, beneficiary)" and "Fees of 52.6661 micro KSM will be applied to the submission". The "Treasury" tab is selected in the sidebar. On the right, the transaction status is shown as "treasury.proposeSpend queued". A green arrow points from the "Nature of the transaction." header to this status bar. A blue box highlights the "Sign and Submit" button at the bottom right, which is circled in red. A green box highlights the "Fees of 52.6661 micro KSM will be applied to the submission" message. A blue box also highlights the "5. Check the transaction fees." section. The "Sign and Submit" button is located at the bottom right of the main form area.

authorize transaction

Sending transaction `treasury.proposeSpend(value, beneficiary)`

Put forward a suggestion for spending. A deposit proportional to the value is reserved and slashed if the proposal is rejected. It is returned once the proposal is awarded.

Fees of 52.6661 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
0xd676169d5b150d3ec85cd5e5246aa4bddc4b751bf4d8e3e3b10e43865ec8d3d9

Sign and Submit

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 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

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

Cancel Sign and Submit

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The screenshot shows the Polkadot.js extension interface for the Kusama network. 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 box to the "treasury.proposeSpend" button at the top right of the main window. Another green arrow points from the "Sign the transaction" button at the bottom left to the "Progress of the transaction" bar at the top right.

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

treasury.proposeSpend signing

Progress of the transaction.

6 days 12 hrs 49 mins 91%

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.

Treasury

Transaction

Anaelle LTD@KSM

Kusama

from https://polkadot.js.org/apps/#/accounts
chain Kusama
version 9070
nonce 94
method treasury.proposeSpend(value, beneficiary)
info Put forward a suggestion for spending. A deposit proportional...
lifetime mortal, valid from 8,200,304 to 8,200,368

available 9 KSM
next burn 746.7387 KSM

beneficiary payment bond

JOHNNYB	850.0000 KSM	42.5000 KSM	To council	...
HASHQUARK	523.0000 KSM	26.1500 KSM	To council	...

PASSWORD FOR THIS ACCOUNT
Sign the transaction

Remember my password for the next 15 minutes

Approved
95
96

OPEN SQUARE
79.4800 KSM
3.9740 KSM

b) View and submit treasury tips.

Key information on tips: number of opened tips, current proposers, reasons for tips, and proposed tip payouts.

1. Click on Submit tip. 

Number of tippers and proposed payout. 

Beneficiary's identity or account address. 

Treasury tips in detail:

A **treasury tip** is used to request funds from the Treasury pot and can be submitted:

- by yourself and for yourself (i.e the account address of the proposer and the beneficiary are the same).
- on behalf of someone else (i.e the account address of the proposer and the beneficiary are different). The proposer will earn a finder's fee of 20% of the final tip amount).

A tip deposit of about 0.0072KSM is required and will be refunded once the tip is closed.

tips	reason	Tip
VEGAS_LIFE_MAIN/ksm	For a KSM 1KvP Leaderboard: http://vegas1kv.com/	Tip
E5qFqe...lvtqrg	YouTube channel "Polkadot/Kusama what the FAQ" has many educational videos (e.g. https://www.youtube.com/watch?v=jHaGfO1WJ0Q)	Tip
GUpIE2...EWHNv6	Portuguese translation, subtitles and publication for Kusama vs Polkadot Especulação https://youtu.be/AOcdcw9uhFk	Tip
PLAYING WITH DUST	Creating phragviz, a visualizer to understand the phragmen election better: https://playing-with-dust.github.io/phragviz/	Tip
ALICE UND BOB/1	Kusama News - YouTube show: https://www.youtube.com/watch?v=YabQF8hiwhg	Tip
ALESSIO	For video tutorial on setting up Monitoring tools for Substrate validator in a k8s. https://youtu.be/6WdcC6o49QI	Tip
EkQWFR...xXMrDr	For PolkaTalks (Programa 2) - Leilões de Parachains Kusama (1h about the PLOs)	Tip

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The screenshot shows the 'submit tip request' form in the Polkadot-JS Apps Treasury section. The form fields are as follows:

- submit with account**: ANAELLE LTD@KSM
- beneficiary**: ANAELLE LTD@KSM
- tip reason**: For creating a guide to Polkadot-JS Apps' Governance

On the right side of the screen, there are two blue callout boxes with instructions:

- 2. Follow on-screen instructions carefully.**
 - Use this account to request the tip from. This can be a normal or council account.
 - The beneficiary will receive the tip as approved by council members.
 - A reason (to be stored-on-chain) as to why the recipient deserves a tip payout.
- 3. Click on Propose tip to continue the procedure.**

The 'Propose tip' button is highlighted with a green oval.

Nature of the transaction.

The screenshot shows the Polkadot.js extension interface for Kusama. The top bar displays the chain name 'kusama/9070 #8,200,351'. The main title is 'authorize transaction' with a subtitle 'Sending transaction tips.reportAwesome(reason, who)'. Below this, it says 'Report something reason that deserves a tip and claim any eventual the finder's fee.' A green box highlights the text 'Fees of 67.9993 micro KSM will be applied to the submission'. To the right, a blue box contains the transaction details: 'tips.reportAwesome queued'. A green arrow points from the text 'Nature of the transaction.' to this box. The interface includes sections for 'sending from my account' (ANAELE LTD@KSM), 'call hash' (0xc714d7ad81ac05fa0e0a343df16d3ba3f75ea5c397aa29f92327c496961a2ac4), and a 'Sign and Submit' button. A blue box labeled '4. Check the transaction fees.' is positioned above the call hash section. A blue box labeled '5. Click on Sign & submit to continue the procedure.' is positioned below the 'Sign and Submit' button.

authorize transaction

Sending transaction tips.reportAwesome(reason, who)
Report something reason that deserves a tip and claim any eventual the finder's fee.

Fees of 67.9993 micro KSM will be applied to the submission

4. Check the transaction fees.

tips.reportAwesome queued

5. 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 password input field. Another green arrow points from the "Sign the transaction" button to a callout below it. A blue callout box contains the instruction: "6. Enter your account's password and tick the box to remember your password, if necessary." A yellow callout box on the right contains the instruction: "7. Click on Sign the transaction to complete the procedure." At the top right, a progress bar indicates "tips.reportAwesome signing" with a green arrow pointing to it, and the text "Progress of the transaction."

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

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

Sign the transaction

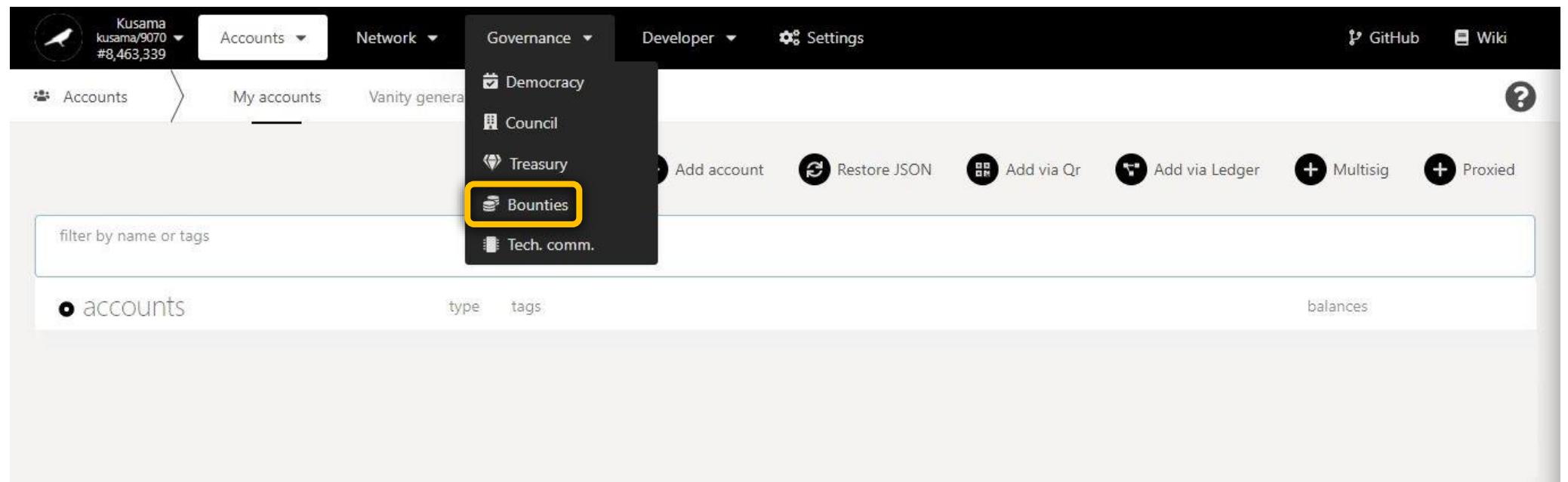
tips.reportAwesome signing

Progress of the transaction.

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

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

4. Bounties: Explore bounty-related activities.



a) View active bounty proposals.

active past
2 4

active total
1,139 KSM

funding period
6 days
2 days 21 hrs 51%

Key information on Bounties: **number of active & approved bounties, value of active bounties, countdown to next bounty spending period.**

1. Click on the dropdown arrow for more details.				
bounties	value	curator	next action	
4 Council Alert App	Active ⓘ 28.1100 KSM	MARIO	63 days 5 hrs (update) #9,422,558	
3 @Polkadot/extension-inject on Mobile a...	Active ⓘ 1,111.0000 KSM	LITENTRY/HANWEN	33 days 52 mins (update) #8,987,636	

Bounty ID.

Bounty title.

Funding status & amounts.
Note: Bounties are implemented over an extended period.

Countdown to the next bounty milestone.

Bounty-related information.

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The screenshot shows the Polkadot.js Governance interface. At the top, there are navigation tabs: Accounts, Network, Governance (selected), Developer, and Settings. On the far right are links to GitHub and Wiki. Below the tabs, there's a header with the network name "Kusama" and account ID "kusama/9070 #8,511,920". A sidebar on the left has "Bounties" and "Overview" buttons. The main area displays statistics: active bounties (2), past bounties (4), active total value (1,139 KSM), funding period (6 days, 2 days 21 hrs, 51%), and an "Add Bounty" button. A green arrow points to the "Add Bounty" button. Below this, a table lists bounties:

● bounties	value	curator	next action
4 Council Alert App	Active 28.1100 KSM	MARIO	63 days 5 hrs (update) #9,422,558
proposer RTTI-5220	bond 0.1949 KSM curator's fee 1.4000 KSM curator's deposit 0.7000 KSM		

A blue callout box with a green arrow points to the "curator" column of the first row, containing the name "MARIO". The callout text says: "2. Click on the **Polkasassembly** icon to view the discussion thread."

Bounty proposal in detail:

A **bounty proposal** is used by council members to delegate the supervision of treasury proposals to expert curators.

The proposer needs to submit details of the proposal (i.e payouts, milestones, etc) on a public forum and **select a curator after approval**.

A proposal bond and a curator's deposit are both required and will only be refunded once all bounty milestones are completed.

The screenshot shows a web-based governance platform for Polkadot-JS. At the top, there's a navigation bar with the Polkassembly logo, 'Discussions', 'On-chain ▾', and user account information for 'Kusama' and 'anaelleltd'. A blue header bar contains the text '3. Read the information on the treasury proposal.' Below this, a green-bordered box contains the details of a specific proposal.

#4 Bounty Proposal: Kusama Council Alert App

● Extended

As we experience a continued growth in the Kusama ecosystem, it becomes imperative to find ways to communicate with stakeholders in an efficient manner, making sure all information is distributed for informed decisions to be taken, especially in the case of Council and Technical Committee members.

The goal of this proposal is to develop a basic app that listens to on-chain calls and notifies Council members when their review and vote is needed. An app to help councillors know once they are needed to push forward emergency mechanisms on-chain as well as other proposals would help mitigate the risk in the network. The app:

- would connect to rpc node;
- would connect with different networks;
- would notify about events;
- would watch wallet accounts and tell the user when pending;
- would have different alert levels;
- would recognise a "batcall" remark from council or TC members, with a `system.remark "alertCouncil"` that would trigger an alarm.

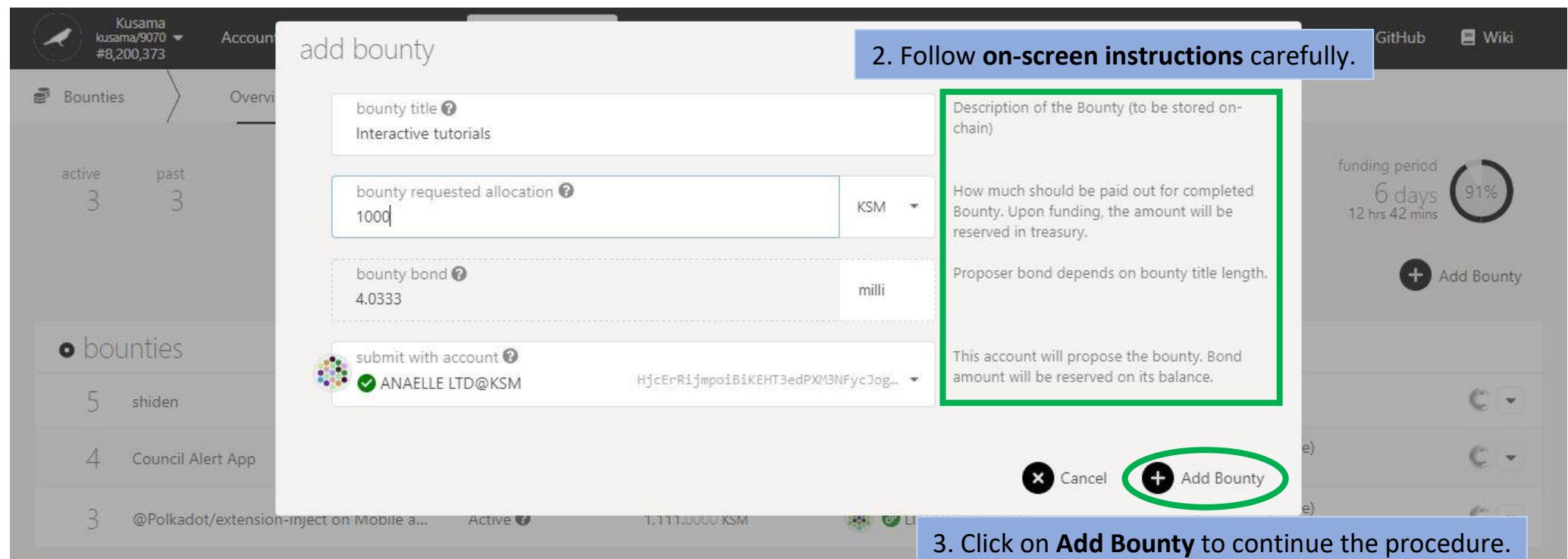
b) Submit bounty proposals.

The screenshot shows the Polkadot.js Governance interface for the Kusama network. The top navigation bar includes links for Accounts, Network, Governance (selected), Developer, Settings, GitHub, and Wiki. Below the navigation is a summary section with a bird icon, the network name 'kusama/9070', and the total number of bounties '#8,511,916'. It also shows active (2) and past (4) bounties, an active total value of 1,139 KSM, a funding period of 6 days (2 days 21 hrs), and a progress bar at 51%. A callout box with a green arrow points to the 'Add Bounty' button, which is located in the top right corner of the main content area. The main content area displays a table of bounties with columns for ID, title, status, value, curator, and next action. Two bounties are listed: 'Council Alert App' (Active, 28.1100 KSM, MARIO, 63 days 5 hrs (update), #9,422,558) and '@Polkadot/extension-inject on Mobile a...' (Active, 1,111.0000 KSM, LITENTRY/HANWEN, 33 days 52 mins (update), #8,987,636).

#	Bounty	Status	Value	Curator	Next Action
4	Council Alert App	Active	28.1100 KSM	MARIO	63 days 5 hrs (update) #9,422,558
3	@Polkadot/extension-inject on Mobile a...	Active	1,111.0000 KSM	LITENTRY/HANWEN	33 days 52 mins (update) #8,987,636

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Nature of the transaction.

The screenshot shows the Polkadot-JS extension interface for Kusama. At the top, it displays the chain name "kusama/9070 #8,200,381". Below this, the title "authorize transaction" is shown. A dropdown menu indicates the transaction type: "Sending transaction bounties.proposeBounty(value, description)". A sub-menu option "Propose a new bounty." is visible. A green box highlights the message "Fees of 49.3328 micro KSM will be applied to the submission". To the right, a blue box contains the instruction "4. Check the transaction fees." A green arrow points from the "Nature of the transaction." header to the "bounties.proposeBounty queued" status bar at the top right of the transaction details area. The transaction details area includes fields for "sending from my account" (ANAELE LTD@KSM), "call hash" (0x8438f2687003586eec6b8a16980a706d69f8df5c1dd186b0af71c4e76f3555fc), and a toggle switch for "Do not include a tip for the block author". On the right, there is a note about tips and a link to the call hash. At the bottom, there are "Cancel" and "Sign and Submit" buttons, with "Sign and Submit" being circled in green. A blue box to the right of the buttons contains the instruction "5. Click on Sign & submit to continue the procedure." A green arrow also points from this box to the "Sign and Submit" button.

authorize transaction

Sending transaction bounties.proposeBounty(value, description)

Propose a new bounty.

Fees of 49.3328 micro KSM will be applied to the submission

4. Check the transaction fees.

bounties.proposeBounty 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 call.

sending from my account ANAELE LTD@KSM

HjcErRijmpoiBiKEHT3edPXl3NFycJogVwDPuByN...

Do not include a tip for the block author

call hash
0x8438f2687003586eec6b8a16980a706d69f8df5c1dd186b0af71c4e76f3555fc

Sign and Submit

Cancel Sign and Submit

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

The screenshot shows the Polkadot.js extension interface. On the left, a yellow box highlights the "Summary of the transaction sent via the Polkadot-JS extension." On the right, a blue box contains instructions for signing the transaction.

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

Progress of the transaction.

6 days 12 hrs 41 mins 91%
Add Bounty

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

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

PASSWORD FOR THIS ACCOUNT
Sign the transaction

Anaelle LTD@KSM HjcErRijmpoiBiKEHT3edPXM3NFycJogVwDPuByNe7hv9Ae

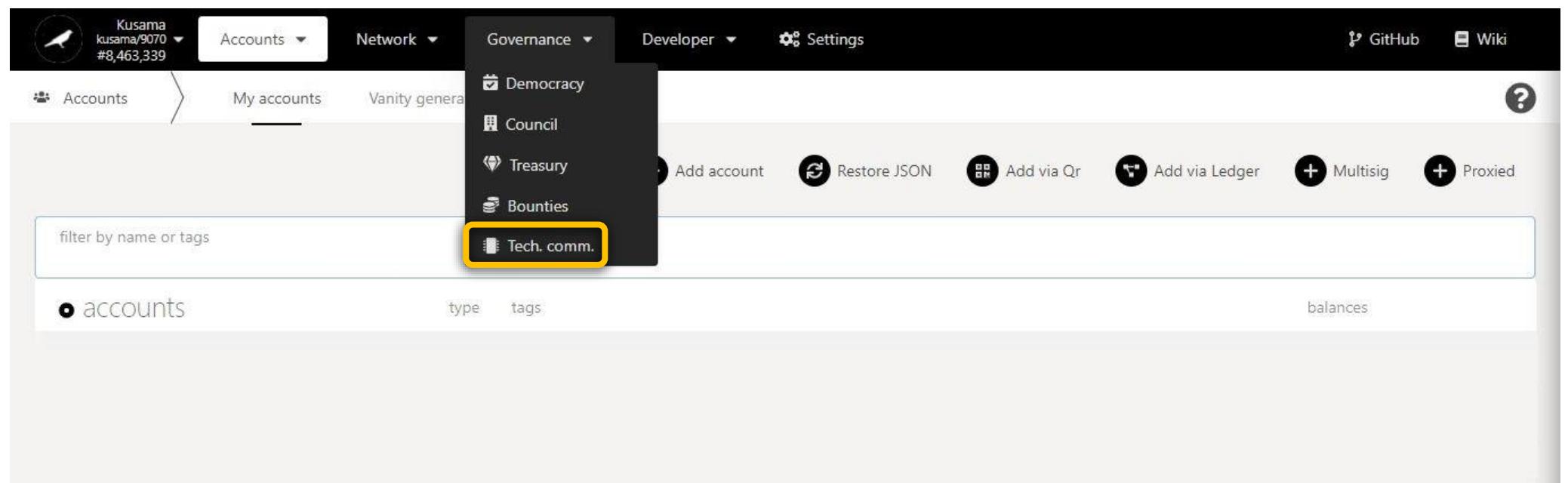
from https://polkadot.js.org/apps/#/accounts
chain Kusama
version 9070
nonce 94
method ▶ bounties.proposeBounty(value, description)
info ▶ Propose a new bounty.
lifetime mortal, valid from 8,200,383 to 8,200,447

curator next action

MARIO 84 days 20 hrs (update) #9,422,558

54 days 16 hrs (update)

5. Technical Committee: Explore technical committee-related activities.



a) View technical committee members.

The screenshot shows the Polkadot.js Governance interface. At the top, there is a navigation bar with links for 'Accounts', 'Network', 'Governance' (which is currently selected), 'Developer', and 'Settings'. Below the navigation bar, there is a yellow banner with the text 'Key information on Tech committee: members, number of active & approved proposals.' On the left side, there is a sidebar with a tree view showing 'Tech. comm.', 'Overview', and 'Proposals (1)'. The main content area has a green header bar with the text 'members' and the value '3'. To the right of this, there are two columns: 'proposals' (value '1') and 'total' (value '84'). Below this, there is a section titled 'members' with three items: 'PARITY/TECHNICAL 2', 'PARITY/TECHNICAL 1', and 'WEB3 FOUNDATION/TECHNICAL'. To the right of this section, there is a yellow box containing the text: 'Technical committee in detail: **Technical committee members** are chosen within teams that are actively developing **Relay chains runtime implementations**. They are installed by the Council.'

b) View active technical committee proposals.

The screenshot shows the Polkadot.js Governance interface. At the top, there is a navigation bar with links for 'Accounts', 'Network', 'Governance' (which is currently selected), 'Developer', and 'Settings'. There are also links for 'GitHub' and 'Wiki'. Below the navigation bar, there is a breadcrumb navigation with 'Tech. comm.' and 'Proposals (1)'. A yellow banner at the top of the main content area reads: 'Key information on TC proposals: proposal ID, nature of the proposal, proposer, and time left to approve/reject.' On the right side of this banner is a '+ Submit proposal' button. The main content area displays a table of proposals. The first proposal, identified by the number 83, is highlighted with a green border and a green arrow pointing to its dropdown arrow. The proposal details are as follows:

proposal	threshold	voting end	aye	nay
democracy.fastTrack Schedule the currently externally-proposed majority-carries referendum to be tabled immediately. If there is no externally-proposed referendum currently, or if there is one but it is not a majority-carries referendum then it fails.	1/2	2 days 21 hrs #8,553,735	PARITY/TECHNICAL 2	<input checked="" type="checkbox"/> Vote

1. Click on the **dropdown arrow**
to view the proposal in detail.

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The screenshot shows the Polkadot.js governance interface. At the top, there's a navigation bar with tabs for 'Accounts', 'Network', 'Governance' (which is active), 'Developer', and 'Settings'. Below the navigation bar, there's a sidebar with a 'Tech. comm.' section and a main content area. The main content area has tabs for 'Overview' and 'Proposals (1)'. A 'Submit proposal' button is located at the top right of the main content area. The 'Proposals' section contains a single proposal titled 'democracy.fastTrack'. The proposal details are as follows:

- proposal_hash:** Hash 0x23462d768da9eec611877a69db768e72b94e41e89d760bebf6a090508af131
- voting_period:** BlockNumber 43,200
- delay:** BlockNumber 600
- proposal hash:** 0x240654828d64b74064ddb829084a7109c4451c8035211a644f2f7fe1ed84aa7a

To the right of the proposal details, there's a yellow box containing the following text:

TC proposal in detail:
A **TC proposal** is used to schedule emergency referenda for bug fixes and **fast-track runtime upgrades**.

Below the proposal details, there are buttons for 'threshold' (set to 1/2), 'voting end' (set to 2 days 21 hrs), 'aye' (set to #8,553,735), and 'nay'. There's also a 'Vote' button with a checked checkbox.