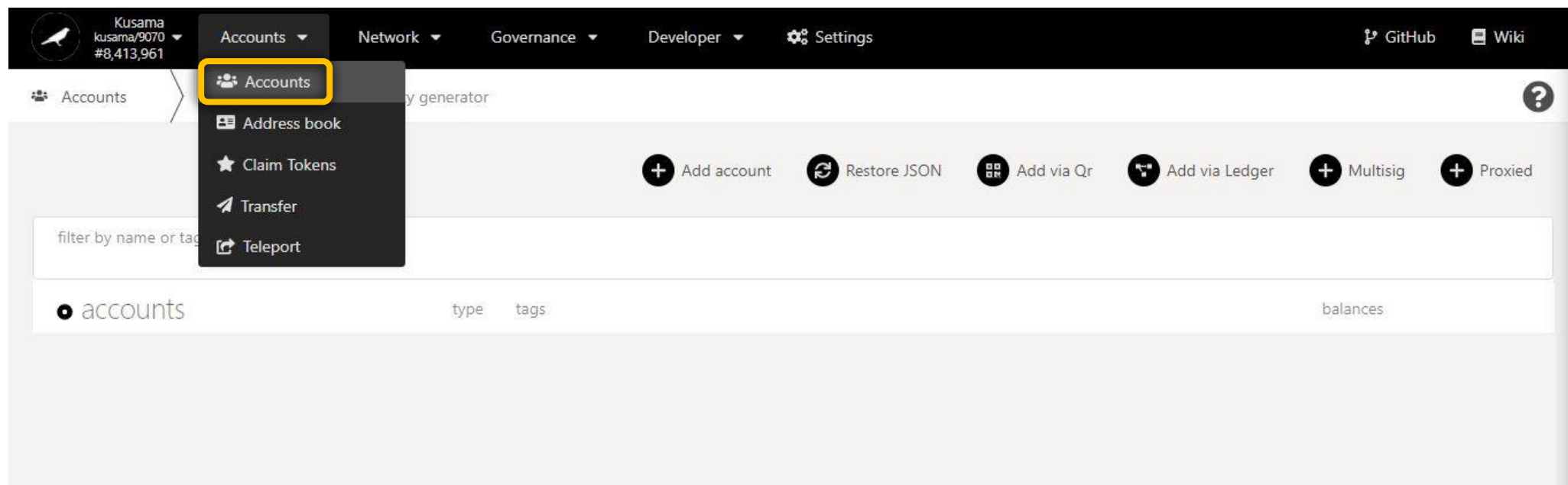


## [PART VI: ACCOUNTS \(Advanced\)](#)

### 1. Account recovery: Set up recoverable and recovery accounts.



a) Make an account recoverable.

The screenshot shows the Kusama Accounts page. The top navigation bar includes 'Kusama kusama/9070 #8,199,442', 'Accounts', 'Network', 'Governance', 'Developer', and 'Settings'. Below the navigation bar, there are tabs for 'Accounts', 'My accounts', and 'Vanity generator'. The 'My accounts' tab is active. A toolbar contains 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 a table of accounts:

	accounts		type	tags		balances	
★	ALTD@KSM (EXTENSION)	injected	no tags		10.3703 KSM ▼	send	⋮
★	ANAELLE LTD@KSM	injected	no tags		1.0376 KSM ▼	send	⋮
					11.4079 KSM		

A blue callout box with the text '1. Click on the 3 vertical dots to view Account settings.' and a green arrow pointing to the three vertical dots menu icon for the first account.

## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0

The screenshot shows the Polkadot.js Accounts page. The top navigation bar includes the Kusama logo, a dropdown menu for 'Accounts', and links for 'Network', 'Governance', 'Developer', and 'Settings'. Below the navigation bar, there are tabs for 'Accounts', 'My accounts', and 'Vanity generator'. A row of buttons for adding accounts is visible: 'Add account', 'Restore JSON', 'Add via Qr', 'Add via Ledger', 'Multisig', and 'Proxied'. A search bar labeled 'filter by name or tags' is present. Below the search bar, a table lists accounts. The first account is 'ALTD@KSM (EXTENSION)' with a balance of 10.3703 KSM. The second account is 'ANAELLE LTD@KSM' with a balance of 10.3703 KSM. A context menu is open for the 'ANAELLE LTD@KSM' account, showing options: 'Set on-chain identity', 'Make recoverable', 'Initiate recovery for another', 'Delegate democracy votes', and 'Add proxy'. A green arrow points from a blue box to the 'Make recoverable' option.

2. Click on **Make recoverable** to submit social recovery details.

Recoverable & Recovery accounts in detail:

**Recoverable** = “Protected by a social recovery process”.

**Recovery** = “Protects by performing social recovery”.

Recoverable & Recovery accounts allow individuals to **act as third-party backups for a family member’s or a peer’s account and regain access to this account** in case the seed phrase/JSON file are lost.

The family member/peer must first **set up his/her account as recoverable** before you can **perform recovery for the account**.

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

The recoverable account is protected against the loss of seed/access by a social process.

These are trusted individuals that can verify and approve any recovery actions. With recovery, once the threshold is reached, the funds associated with the account can be moved to a new destination.

The helpers should be able to verify, via an off-chain mechanism, that the account owner indeed wishes to recover access and as such provide any approvals. In the cases of malicious recovery procedures, they will have the power to stop it.

The threshold for approvals and the delay is the protection associated with the account. The delay should be such that any colluding recovery attempts does have a window to stop.

4. Click on **1-3 contacts' names or addresses** to set them as recovery accounts.

available social recovery helpers

trusted social recovery helpers

recovery threshold ?  
0

recovery block delay ?  
0

Cancel Make recoverable

setup account as recoverable

the account to make recoverable  
ALTD@KSM (EXTENSION)  
FeghWJq7Awgk796uvd796uvNVYbuq7AwgkY7wZ9k...

Kusama  
kusama/9070  
#8,199,360

Accounts

Wiki

Proxied

send

send

setup account as recoverable

the account to make recoverable  
ALTD@KSM (EXTENSION)

filter by name, address, or account index

available social recovery helpers

trusted social recovery helpers

5. Double-check your selection.

6. Enter the required information.

recovery threshold ?  
1

recovery block delay ?  
10

The recovery threshold must be 1 or more.  
Note: 1 block = 6 seconds.

7. Click on Make recoverable to continue the procedure.

The recoverable account is protected against the loss of seed/access by a social process.

These are trusted individuals that can verify and approve any recovery actions. With recovery, once the threshold is reached, the funds associated with the account can be moved to a new destination.

The helpers should be able to verify, via an off-chain mechanism, that the account owner indeed wishes to recover access and as such provide any approvals. In the cases of malicious recovery procedures, they will have the power to stop it.

The threshold for approvals and the delay is the protection associated with the account. The delay should be such that any colluding recovery attempts does have a window to stop.

Cancel Make recoverable

Nature of the transaction.

authorize transaction

Sending transaction `recovery.createRecovery(friends, threshold, delay_period)`  
Create a recovery configuration for your account. This makes your account recoverable.

Fees of 52.3328 micro KSM will be applied to the submission

8. Check the transaction fees.

recovery.createRecovery  
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 the type of call.

sending from my account  
ALTD@KSM (EXTENSION)  
FeghWJq7AAlgk796uvd796uvNVYbuq7AAlgkY7wZ9k...

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  
0x3176af76fdb6d3eb6493b3abf51786d44763a237adafcdf64dc5b0286f14fadb

The call hash as calculated for this transaction

Sign and Submit ☒

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

1

recovery block delay ?  
10

stop.

Cancel Sign and Submit

Cancel Make recoverable

## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0

Kusama kusama/9070 #8,199,386

Accounts Network Governance Developer Settings

polkadot{js}

Transaction

ALTD@KSM

from `https://polkadot.js.org/apps/#/accounts`

chain Kusama

version 9070

nonce 248

method `recovery.createRecovery(friends, threshold, delay_period)`

info Create a recovery configuration for your account. This makes y...

lifetime mortal, valid from 8,199,380 to 8,199,444

PASSWORD FOR THIS ACCOUNT

Remember my password for the next 15 minutes

Sign the transaction

recovery.createRecovery signing

Progress of the transaction.

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

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.

b) Initiate account recovery.

The screenshot shows the Kusama Accounts page. The top navigation bar includes 'Kusama kusama/9070 #8,199,442', 'Accounts', 'Network', 'Governance', 'Developer', 'Settings', 'GitHub', and 'Wiki'. Below the navigation bar, there are tabs for 'Accounts', 'My accounts', and 'Vanity generator'. The 'My accounts' tab is active. A row of buttons for adding accounts is visible: 'Add account', 'Restore JSON', 'Add via Qr', 'Add via Ledger', 'Multisig', and 'Proxied'. Below these buttons is a search bar labeled 'filter by name or tags'. A table of accounts is displayed with columns for 'accounts', 'type', and 'tags'. The table lists two accounts: 'ALTD@KSM (EXTENSION)' and 'ANAELLE LTD@KSM'. The 'ANAELLE LTD@KSM' account is highlighted with a green checkmark. To the right of the table, there are buttons for 'send' and a three-dot menu icon. A blue callout box with a green arrow points to the three-dot menu icon, containing the text: '1. Click on the 3 vertical dots to view Account settings.'

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

10.3703 KSM ▼ send

1.0376 KSM ▼ send ⋮

11.4079 KSM



## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0

The screenshot shows the 'Accounts' section of the Polkadot.js interface. At the top, there's a navigation bar with 'Kusama kusama/9070 #8,199,401', 'Accounts', 'Network', 'Governance', 'Developer', and 'Settings'. Below this, there are tabs for 'Accounts', 'My accounts', and 'Vanity generator'. The 'My accounts' tab is active, showing a list of accounts. A search bar 'filter by name or tags' is at the top of the list. The list has columns for 'accounts', 'type', and 'tags'. Two accounts are listed: 'ALTD@KSM (EXTENSION)' and 'ANAELLE LTD@KSM'. A context menu is open over the 'ANAELLE LTD@KSM' account, showing options: 'Set on-chain identity', 'Set on-chain sub-identities', 'Make recoverable', 'Initiate recovery for another', 'Delegate democracy votes', and 'Add proxy'. A blue box with a green arrow points to the 'Initiate recovery for another' option. The text inside the blue box says: '2. Click on **Initiate recovery [...]** to perform social recovery.'

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

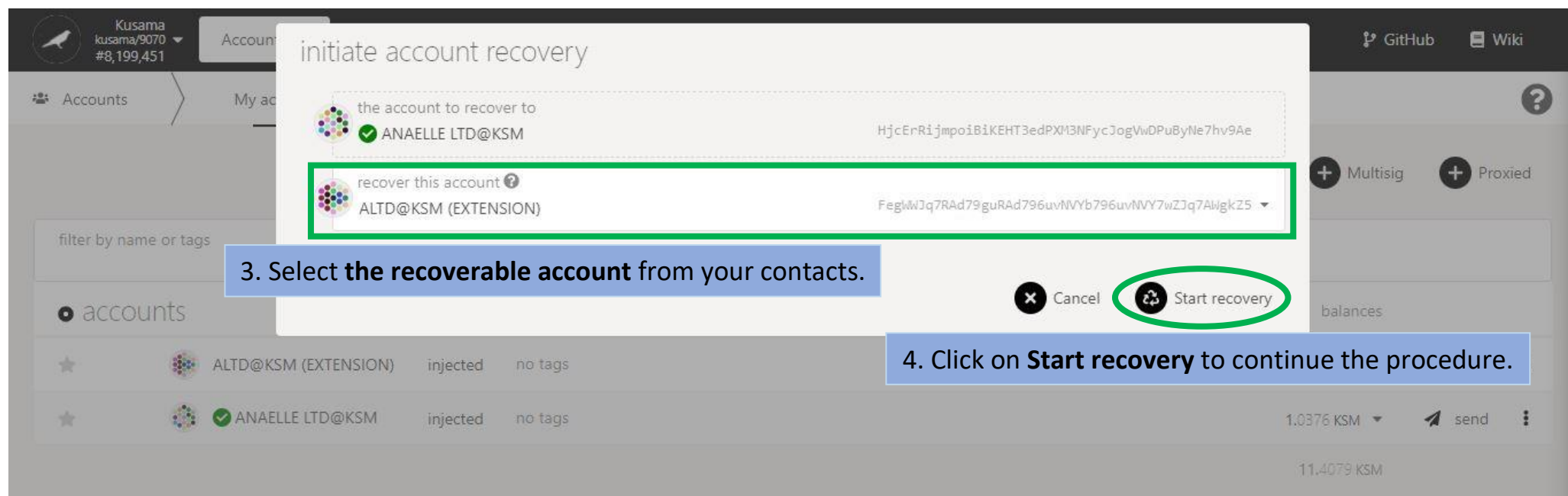
### REMINDER:

**Recoverable account** = An account protected by a social recovery process in case the backups (i.e Seed phrase/JSON file) are lost.

**Account recovery** = Performing social recovery so that a third party can regain access to his/her account without backups.

## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0



Nature of the transaction.

The screenshot shows the 'authorize transaction' dialog in Polkadot.js. The transaction type is 'recovery.initiateRecovery', which is highlighted by a green arrow from the text 'Nature of the transaction.' The transaction description is 'Initiate the process for recovering a recoverable account.' A green box highlights the text 'Fees of 49.9995 micro KSM will be applied to the submission'. The sending account is 'ANAELLE LTD@KSM'. The call hash is '0xeaf31c7c0541e75f642d825c3a5762b31633c62c7dbaca393e1b8d8b0fe742d'. At the bottom, the 'Sign and Submit' button is circled in green, with a blue callout box pointing to it. The 'Cancel' button is also visible.

authorize transaction

Sending transaction recovery.initiateRecovery(account)  
Initiate the process for recovering a recoverable account.

Fees of 49.9995 micro KSM will be applied to the submission

5. Check the transaction fees.

sending from my account  
ANAELLE LTD@KSM

Do not include a tip for the block author

call hash  
0xeaf31c7c0541e75f642d825c3a5762b31633c62c7dbaca393e1b8d8b0fe742d

Sign and Submit

recovery.initiateRecovery  
queued

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

## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0

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

**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.**

recovery.initiateRecovery signing

Progress of the transaction.

Accounts

polkadot{js}

Transaction

Anaelle LTD@KSM

HjcErRijmpoiBiKEHT3edPXM3NFycJogVwDPuByNe7hv9Ae

from https://polkadot.js.org/apps/#/accounts

chain Kusama

version 9070

nonce 94

method ▶ recovery.initiateRecovery(account)

info ▶ Initiate the process for recovering a recoverable account.

lifetime mortal, valid from 8,199,456 to 8,199,520

PASSWORD FOR THIS ACCOUNT

Remember my password for the next 15 minutes

Sign the transaction

Kusama

balances

10.3703 KSM send

1.0376 KSM send

11.4079 KSM

## 2. Democracy delegation: Set up votes delegation.

a) Delegate democracy votes.

The screenshot shows the Kusama Accounts interface. At the top, there's a navigation bar with 'Accounts', 'Network', 'Governance', 'Developer', and 'Settings'. Below this, a sub-navigation bar shows 'Accounts', 'My accounts', and 'Vanity generator'. The main area displays a list of accounts. A callout box with a green arrow points to the three vertical dots in the 'send' column of the 'ANAELLE LTD@KSM' account row, with the text: '1. Click on the 3 vertical dots to view Account settings.'

filter by name or tags		
accounts	type	tags
★  ALTD@KSM (EXTENSION)	injected	no tags
★   ANAELLE LTD@KSM	injected	no tags

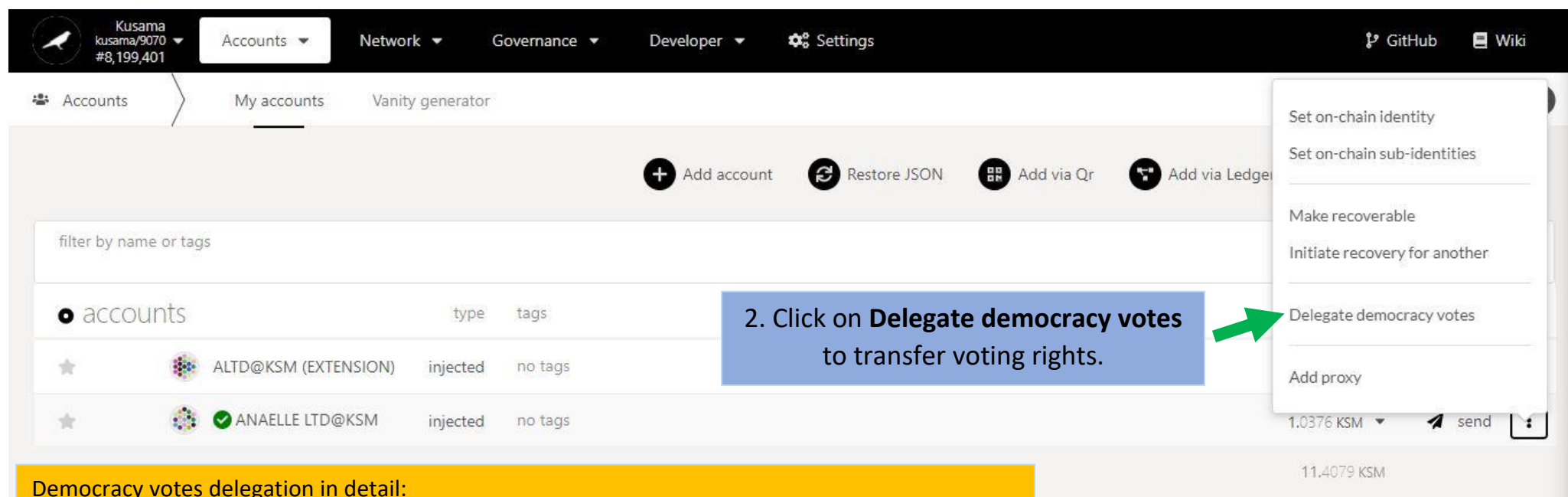
10.3703 KSM ▼ send

1.0376 KSM ▼ send ⋮

11.4079 KSM

## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0



The screenshot shows the Polkadot.js Accounts interface. At the top, there's a navigation bar with 'Kusama kusama/9070 #8,199,401', 'Accounts', 'Network', 'Governance', 'Developer', and 'Settings'. Below this, there's a sub-navigation bar with 'Accounts', 'My accounts', and 'Vanity generator'. The main area shows a list of accounts under the 'accounts' tab. A context menu is open over the 'ANAELLE LTD@KSM' account, with the 'Delegate democracy votes' option highlighted by a green arrow. The menu also includes options like 'Set on-chain identity', 'Set on-chain sub-identities', 'Make recoverable', 'Initiate recovery for another', and 'Add proxy'. At the bottom right, there's a balance display showing '1.0376 KSM' and a 'send' button.

2. Click on **Delegate democracy votes** to transfer voting rights.

Democracy votes delegation in detail:

**Democracy votes delegation** allows individuals to **transfer/pool their voting power** under a single account for all governance elections (i.e referenda and council).

The **vote value and conviction** defined by the delegating account will be applied in all elections, and the **corresponding lock period will need to be cleared after undelegation**.

The delegating account must first set up the delegation before you can **perform delegated voting**.

## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0

The screenshot shows the 'delegate democracy vote' interface in Polkadot-JS. The interface includes a header with the Kusama logo and account information, a sidebar with 'Accounts' and 'Wiki' links, and a main content area with the following fields:

- delegating account:** ANAELLE LTD@KSM (with a green checkmark icon)
- delegated account:** ALTD@KSM (EXTENSION)
- delegating amount:** 0.5 (with a balance of 1.0043 KSM and a dropdown menu set to KSM)
- conviction:** 0.1x voting balance, no lockup period (with a dropdown arrow)

At the bottom right, there are 'Cancel' and 'Delegate' buttons.

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

Any democracy vote performed by the delegated account will result in an additional vote from the delegating account

If the delegated account is currently voting in a referendum, the delegating vote and conviction will be added.

The amount to allocate and the conviction that will be applied to all votes made on a referendum.

**4. Enter a KSM amount for your vote delegation.**

**5. Click on the dropdown arrow to view more conviction setups.**

## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0

**delegate democracy vote**

delegating account  
✓ ANAELLE LTD@KSM  
HjcErRijmpoIBiKEHT3edPXN3NFycJogVwDPuByN...

delegated account  
ALTD@KSM (EXTENSION)  
FeghWJq7Aw796uvNVYb96uvNV96uvN7AwgkYgu9k...

delegating amount 0.5 balance 1.0043 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)

Any democracy vote performed by the delegated account will result in an additional vote from the delegating account

If the delegated account is currently voting in a referendum, the delegating vote and conviction will be added.

The amount to allocate and the conviction that will be applied to all votes made on a referendum.

Cancel Delegate

6. Select one conviction setup for your votes.



## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0

**delegate democracy vote**

delegating account  
✓ ANAELLE LTD@KSM  
HjcErRijmpo1BiKEHT3edPXN3NFycJogVwDPuByN...

delegated account  
ALTD@KSM (EXTENSION)  
FegWlJq7AW796uvNVYb96uvNv96uvN7AwgkYgu9k...

delegating amount ⓘ  
0.5  
balance 1.0043 KSM KSM

conviction ⓘ  
2x voting balance, locked for 2x enactment (16.00 days)

Any democracy vote performed by the delegated account will result in an additional vote from the delegating account.

If the delegated account is currently voting in a referendum, the delegating vote and conviction will be added.

The amount to allocate and the conviction that will be applied to all votes made on a referendum.

Cancel Delegate

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

Nature of the transaction.

authorize transaction

Sending transaction `democracy.delegate(to, conviction, balance)`  
Delegate the voting power (with some given conviction) of the sending account.

Fees of 55.6665 micro KSM will be applied to the submission

8. Check the transaction fees.

democracy.delegate  
queued

sending from my account  
✓ ANAELLE LTD@KSM  
HjcErRijmpoiBiKEHT3edPXM3NFycJogVwDPuByN...

Do not include a tip for the block author ☐

call hash  
0x2154fdabf974d7ab3e490c382fa6755fee88c6e8a02a45af9f4a71c04cd35e67

Sign and Submit ☐

Cancel Sign and Submit

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

## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0

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

**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.**

**democracy.delegate signing**

**Progress of the transaction.**

**Transaction details:**

- from: <https://polkadot.js.org/apps/#/accounts>
- chain: Kusama
- version: 9070
- nonce: 94
- method: `democracy.delegate(to, conviction, balance)`
- info: Delegate the voting power (with some given conviction) of the...
- lifetime: mortal, valid from 8,199,503 to 8,199,567

**Account:** Anaelle LTD@KSM  
HjcErRijmpoiBiKEHT3edPXM3NFycJogVwDPuByNe7hv9Ae

**balances:**

Balance	Action
10.3703 KSM	send
1.0376 KSM	send
11.4079 KSM	

**Sign the transaction**

b) Undelegate democracy votes.

1. Mouse-over Developer.

2. Select Extrinsic from the dropdown menu.

The screenshot shows the Polkadot.js Accounts page. The top navigation bar includes 'Kusama', 'kusama/9080', '#8,878,764', 'Accounts', 'Network', 'Governance', 'Developer', and 'Settings'. The 'Developer' dropdown menu is open, showing options: 'Chain state', 'Extrinsic', 'RPC calls', 'Sign and verify', and 'JavaScript'. The 'Extrinsic' option is highlighted. Below the navigation bar, there are tabs for 'Accounts', 'My accounts', and 'Vanity generator'. The 'My accounts' tab is active. A search bar 'filter by name or tags' is present. Below the search bar, there is a table of accounts. The table has columns for 'accounts', 'type', 'tags', and 'balances'. Two accounts are listed: 'ALTD@KSM (EXTENSION)' and 'ANAELLE LTD@KSM'. The 'ANAELLE LTD@KSM' account is marked with a green checkmark. The total balance shown at the bottom is 11,4079 KSM.

accounts	type	tags	balances
★ ALTD@KSM (EXTENSION)	injected	no tags	10.3703 KSM
★ ANAELLE LTD@KSM	injected	no tags	1.0376 KSM
			11,4079 KSM

using the selected account  
Kusama  
kusama/9080  
#8,878,789

Accounts Network Governance Developer Settings

Extrinsics Submission Decode

free balance 1.0376 KSM  
HjcErRijmpoiBiKEHT3edPX13NFycJogVwDPuByNe7hv9Ae

3. Select **democracy** from the first dropdown menu.

submit the following extrinsic ?  
democracy

undelebrate()

4. Select **undelebrate()** from the second dropdown menu.

encoded call data  
0x0d0c

encoded call hash  
0xa670ccb1be572c02cff6fabd5e777f4e56ecb29ea36f0440ffd267bf86737a8e

Submit Unsigned Submit Transaction

Democracy votes undelegation in detail:  
**Democracy votes undelegation** must be submitted by the delegating account. The voting balance can only be unlocked once the conviction lock period has expired.

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

Nature of the transaction.

authorize transaction

Sending transaction `democracy.undelegate()`  
Undelegate the voting power of the sending account.

Fees of 39.3333 micro KSM will be applied to the submission

6. Check the transaction fees.

democracy.undelegate  
queued

The details of the transaction including the type, the description (as available from the chain metadata) as well as the estimated weight 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

Sign and Submit ☐

Cancel Sign and Submit

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

Kusama  
kusama/9080  
#8,878,812

Accounts Network Governance Developer Settings

polkadot{js}

Transaction

Anaelle LTD@KSM  
HjcErRijmpoiBiKEHT3edPXM3NFyclogVwDPuByNe7hv9Ae

from <https://polkadot.js.org/apps/?rpc=wss%3A%2F%2Fkusama.api.onfinality.io%2Fpublic-ws#/accounts>

chain Kusama

version 9080

nonce 130

method ▶ democracy.undelegate()

info ▶ Undelegate the voting power of the sending account.

PASSWORD FOR THIS ACCOUNT

.....

☒ Remember my password for the next 15 minutes

Sign the transaction

democracy.undelegate signing

Progress of the transaction.

Undelegate the voting power of the sending account.

Submit Unsigned Submit 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.

### 3. Proxy setup: Set up proxy accounts and types.

Kusama  
kusama/9070  
#8,199,442

Accounts ▾ Network ▾ Governance ▾ Developer ▾ Settings

GitHub Wiki

Accounts My accounts Vanity generator

+ Add account Restore JSON Add via Qr Add via Ledger + Multisig + Proxied

filter by name or tags

accounts	type	tags	
★  ALTD@KSM (EXTENSION)	injected	no tags	10.3703 KSM ▾ ↗ send
★   ANAELLE LTD@KSM	injected	no tags	1.0376 KSM ▾ ↗ send ⋮

11.4079 KSM

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



## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0

The screenshot shows the Polkadot-JS Accounts interface. At the top, there's a header with the Kusama logo, account name 'kusama/9070', and balance '#8,199,401'. Below this are tabs for 'Accounts', 'My accounts', and 'Vanity generator'. A dropdown menu is open, showing options: 'Set on-chain identity', 'Set on-chain sub-identities', 'Make recoverable', 'Initiate recovery for another', 'Delegate democracy votes', and 'Add proxy'. A green arrow points to the 'Add proxy' option. Below the menu, there's a table of accounts with columns for 'accounts', 'type', and 'tags'. Two accounts are listed: 'ALTD@KSM (EXTENSION)' and 'ANAELLE LTD@KSM', both marked as 'injected' and 'no tags'. A blue box with the text '2. Click on Add proxy to set up proxy authorisations.' is overlaid on the table. At the bottom right, there's a balance display showing '1.0376 KSM' and a 'send' button.

Kusama  
kusama/9070  
#8,199,401

Accounts Network Governance Developer Settings

Accounts My accounts Vanity generator

+ Add account Restore JSON Add via Qr Add via Ledger

filter by name or tags

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

2. Click on **Add proxy** to set up proxy authorisations.

1.0376 KSM send

11.4079 KSM

Proxy & Proxied accounts in detail:

**Proxy** = “Caretaker”.

**Proxied** = “Cared for”.

Proxy & Proxied accounts allow individuals to **manage transactions for a family member or a peer** if the person becomes unavailable or incapacitated.

You must first **set up the family member’s or peer’s account as proxy** before they can **add your account as a proxied account**. To learn how to add a proxied account to your list of accounts, refer to **Part I: Accounts (Basic setups)**.

The screenshot shows the 'proxy overview' dialog in Polkadot-JS. It features a 'proxied account' section with a checkmark and the name 'ANAELLE LTD@KSM', and a 'reserved balance' section showing '66.6933' in 'milli' units. A blue box with the text '4. Click Add proxy.' and a green arrow points to the '+ Add proxy' button. A green-bordered box on the right contains explanatory text about proxy accounts. At the bottom right are 'Cancel' and 'Submit' buttons.

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

4. Click **Add proxy**.

Any account set as proxy will be able to perform actions in place of the proxied account

If you add several proxy accounts for the same proxy type (e.g 2 accounts set as proxy for Governance), then any of those 2 accounts will be able to perform governance actions on behalf of the proxied account

The amount that is reserved for the proxy based on the base deposit and number of proxies

Cancel Submit

## GUIDE TO POLKADOT-JS – PART VI: Accounts (Advanced)

Version 1.0

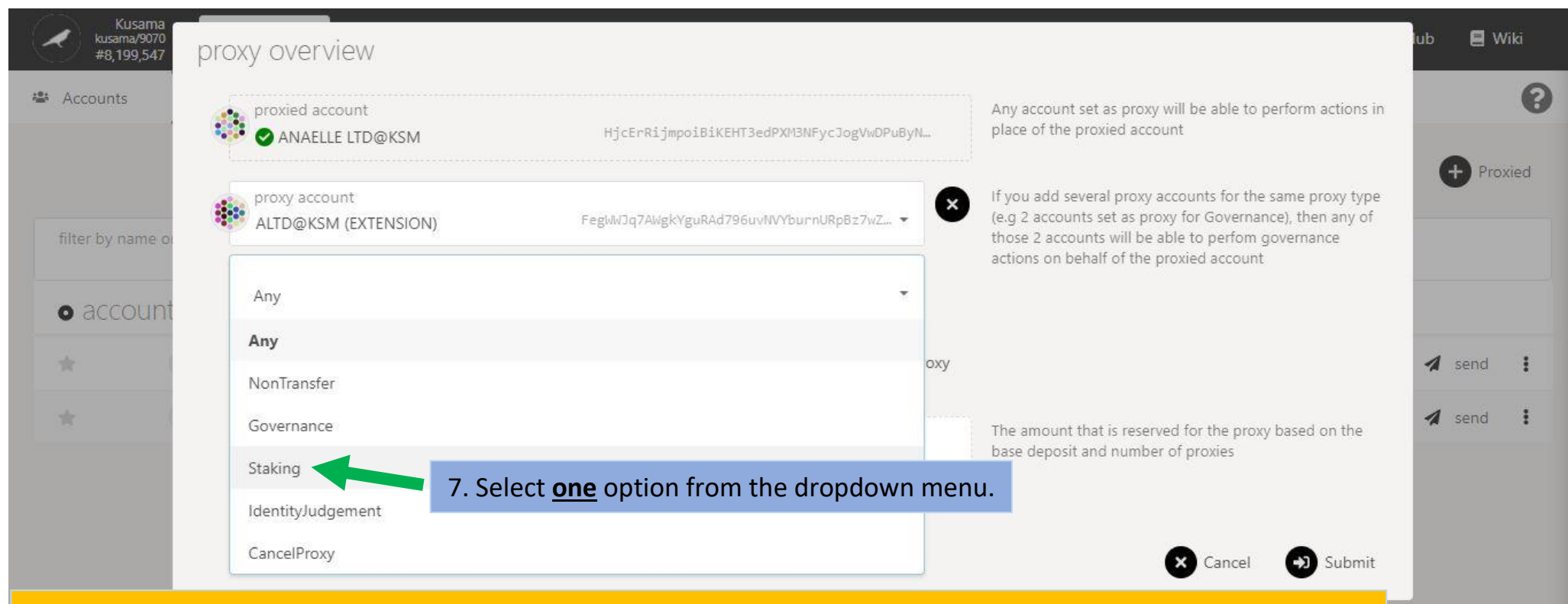
The screenshot shows the 'proxy overview' dialog box in the Polkadot.js interface. It contains the following elements:

- proxied account:** A checkmark icon followed by 'ANAELLE LTD@KSM'. A blue callout box with the text '5. Select one account from your contacts.' points to this section.
- proxy account:** A dropdown menu showing 'ALTD@KSM (EXTENSION)' with a hexagonal address below it. A green box highlights this section, and a green arrow points to the dropdown arrow. A blue callout box with the text '6. Click on the **dropdown arrow** to view all the available proxy types.' points to the arrow.
- type:** A dropdown menu showing 'Any'.
- reserved balance:** The value '66.8033' and a unit selector set to 'milli'.
- Help text:** Two paragraphs explaining proxy functionality: 'Any account set as proxy will be able to perform actions in place of the proxied account' and 'If you add several proxy accounts for the same proxy type (e.g 2 accounts set as proxy for Governance), then any of those 2 accounts will be able to perform governance actions on behalf of the proxied account'.
- Buttons:** 'Cancel' and 'Submit' buttons at the bottom right.

The background shows the 'Accounts' tab of the Polkadot.js interface with a user profile for 'Kusama' and a list of accounts.

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Proxy types in detail:

**Any:** Authorised to perform any on-chain transaction.

**NonTransfer:** Authorised to perform any on-chain transaction, except balance transfers.

**Governance:** Authorised to perform any governance transaction (i.e vote, submit proposals, etc).

**Staking:** Authorised to perform staking-related transactions but does not override stash-controller setups.

**IdentityJudgement:** Authorised to perform any identity-related transaction requested by registrars.

*Proxies's actions can be time-delayed by a certain number of blocks, therefore proxies must announce their actions ahead of time.*

**CancelProxy:** Authorised to reject the announcements made by other proxy types.

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The screenshot shows the 'proxy overview' modal in Polkadot-JS. It features a list of proxy accounts, a 'type' dropdown set to 'Staking', and a 'reserved balance' of 66.8033 milli. Annotations include: a green box around the reserved balance; a blue box with the text '8. Click on x or + to remove or add proxy accounts.' with green arrows pointing to the 'x' and '+' icons; and another blue box with the text '9. Click on **Submit** to continue the procedure.' with a green circle around the 'Submit' button. A yellow box at the bottom left contains the text: 'A **deposit** is required to maintain on-chain proxy information. Note: This deposit will be refunded when your authorisations are cleared.'

proxy overview

proxied account  
✓ ANAELLE LTD@KSM  
HjcErRijmpoiBiKEHT3edPXM3NFycJogVwDPuByN...

proxy account  
ALTD@KSM (EXTENSION)  
FegWwJq7AwgkYguRAAd796uvNVYburnURpBz7wZ...

type  
Staking

reserved balance  
66.8033

milli

Any account set as proxy will be able to perform actions in place of the proxied account

If you add several proxy accounts for the same proxy type (e.g 2 accounts set as proxy for Governance), then any of those 2 accounts will be able to perform governance actions on behalf of the proxied account

8. Click on x or + to remove or add proxy accounts.

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

A **deposit** is required to maintain on-chain proxy information.  
Note: This deposit will be refunded when your authorisations are cleared.

Nature of the transaction.

authorize transaction

Sending transaction `proxy.addProxy(delegate, proxy_type, delay)`  
Register a proxy account for the sender that is able to make calls on its behalf.

Fees of 51.6661 micro KSM will be applied to the submission

10. Check the transaction fees.

proxy.addProxy  
queued

The details of the transaction including the type, the description (as available from the chain metadata) as well as the parameters 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

Sign and Submit ☒

Cancel Sign and Submit

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

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

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

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

**proxy.addProxy signing**

**Progress of the transaction.**

**Transaction Details:**

- from: <https://polkadot.js.org/apps/#/accounts>
- chain: Kusama
- version: 9070
- nonce: 94
- method: `proxy.addProxy(delegate, proxy_type, delay)`
- info: Register a proxy account for the sender that is able to make ca...
- lifetime: mortal, valid from 8,199,567 to 8,199,631

**Account Information:**

- Account: Anaelle LTD@KSM
- Address: HjcErRijmpoiBiKEHT3edPXM3NFycJogVwDPuByNe7hv9Ae

**Balances:**

Balance	Action
10.3703 KSM	send
1.0376 KSM	send
11.4079 KSM	