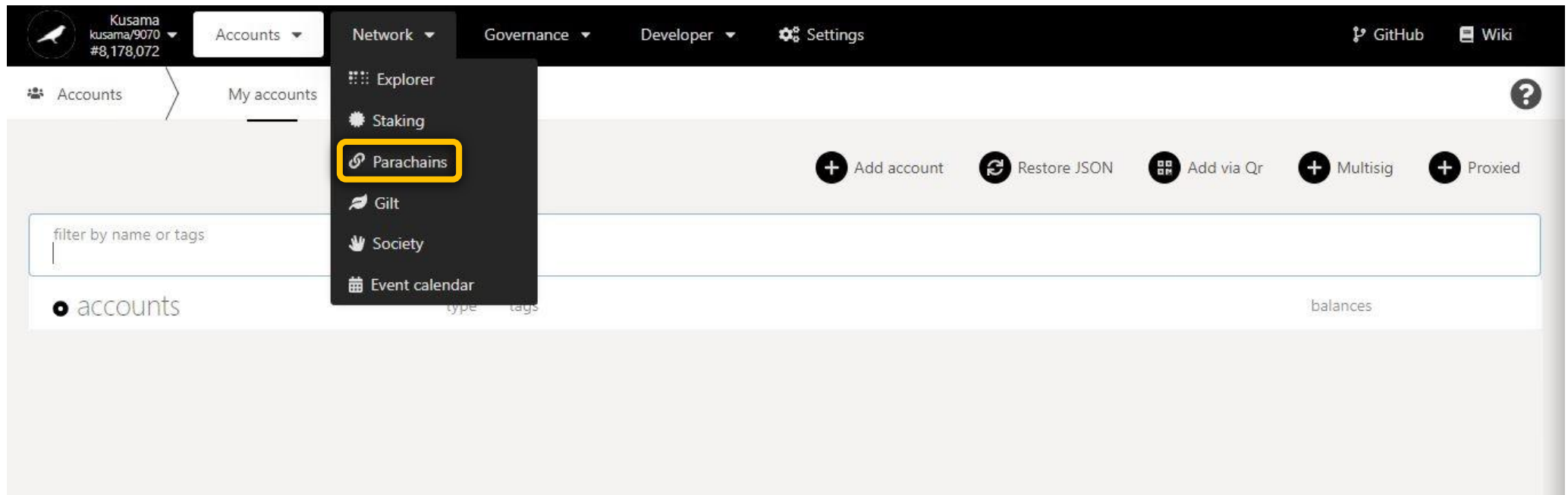


## PART II: NETWORK

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



## a) View general parachain information.

Kusama  
kusama/9070  
#8,236,477
 Accounts
 Network
 Governance
 Developer
 Settings
 GitHub
 Wiki

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

parachains  
4
 parathreads  
16
 current lease  
13
 lease period  
42 days  
16 days 32 mins  
61%
 finalized  
8,236,474
 epoch  
1 hr  
8 mins 42 s  
85%

parachains
 lifecycle
 Parachains or Parathreads?

1,000	Statemine	Parachain
2,000	Karura	Parachain
2,007	Shiden	Parachain
2,023	Moonriver	Parachain

Registered ParaIDs.
 Registered names.

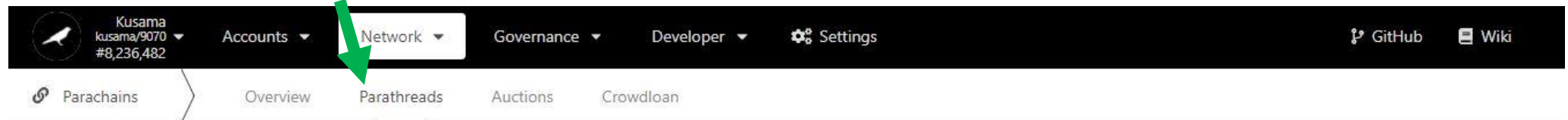
	included	backed	timeout	chain	in/out (msg)	leases
12 s	8,236,475	8,236,476		274,757 statemine/1	0 (0) 0 (0)	13 - 23 436 days 32 mins
6 s	8,236,476	8,236,475		92,217 karura/1002	0 (0) 0 (0)	13 - 20 310 days 32 mins
6 s	8,236,476	8,236,475		3,878 shiden/1	0 (0) 0 (0)	13 - 20 310 days 32 mins
12 s	8,236,475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

## Parachains summary:

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

b) View onboarded parathreads.

1. Click **Parathreads**.



2. Click **ParaID** to register your network as a parathread.

The screenshot shows a list of registered parathreads. Annotations include a green arrow pointing to the 'Parathreads' tab, a green arrow pointing to the 'ParaID' button, and a green arrow pointing to the 'lifecycle' column header. A yellow box labeled 'Registered names.' points to the first column. A yellow box labeled 'Parachains or Parathreads?' points to the 'lifecycle' column. A yellow box labeled 'Lease period IDs obtained.' points to the 'leases' column.

parathreads	Registered names.	lifecycle	leases
2,001	Bifrost	Parathread	None
2,004	Khala Network	Parathread	None
2,006	Darwinia Crab Redire...	Parathread	None
2,008	Mars	Parathread	None
2,009	PolkaSmith by Polka...	Parathread	None

Registered  
ParaIDs.

Addresses of currently registered parathreads.

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

Lease period  
IDs obtained.

c) View auctions' progress.

1. Click **Auctions**.

The screenshot shows the Polkadot.js Apps interface. The top navigation bar includes 'Kusama', 'Accounts', 'Network', 'Governance', 'Developer', and 'Settings'. The 'Network' dropdown is open, showing 'Parachains', 'Overview', 'Parathreads', and 'Auctions'. A green arrow points to the 'Auctions' tab. Below the navigation bar, a yellow box highlights the 'Auctions' section, which includes a summary of auctions (4 active), a countdown to the auction's end period (13 - 20), and a table of bids. The table has columns for 'crowdloan', 'leases', and 'value'. A green arrow points to the 'Auctions' tab, and another points to the 'end period at' value. A third green arrow points to the 'latest' bid in the table. A fourth green arrow points to the 'crowdloan' column, and a fifth points to the 'leases' column. A sixth green arrow points to the 'value' column. A yellow box highlights the 'Auctions' section, and another yellow box highlights the 'bids' table. A blue box highlights the 'latest' bid in the table. A yellow box highlights the 'crowdloan' column, and another yellow box highlights the 'leases' column. A third yellow box highlights the 'value' column. A red box highlights the warning 'NEVER SEND YOUR KSM TO A BIDDER'S ADDRESS!'.

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

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

end period at #8,251,581 1 day 1 hr

crowdloan leases value

Is there a crowdloan campaign associated to this bid?

Yes 13 - 20 56,678.9716 KSM

Targeted lease period IDs.

KSM amount submitted for this bid.

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

Adresse(s) of current **bidder(s)**.

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

## d) View and contribute to crowdloans.

1. Click **Crowdloan**.

The screenshot shows the Polkadot.js Apps interface. The top navigation bar includes 'Kusama kusama/9070 #8,221,932', 'Accounts', 'Network' (selected), 'Governance', 'Developer', and 'Settings'. Below this, the 'Parachains' section is active, with sub-tabs for 'Overview', 'Parathreads', 'Auctions', and 'Crowdloan' (selected). A yellow box highlights the 'Crowdloan' tab with the text 'Key information on crowdloans: active funds, and KSM amount locked in funds.'

Below the tabs, a summary bar shows 'funds 17', 'active raised / cap 281,579 / 11.3760 MKSM' (2%), and 'total raised / cap 988,652 / 13.8760 MKSM' (7%).

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

The 'ongoing' section lists three crowdloans:

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

Annotations include a yellow box stating 'Time left to fund a crowdloan and win an auction.' pointing to the ending time, and another yellow box stating 'KSM amount raised by each fund out of its total desired cap.' pointing to the raised/cap ratio.

2. Double-check **warning messages**.

Time left to fund a crowdloan and win an auction.

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

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

**Minimum crowdloan contribution is 0.1 KSM.**

contribute to fund

contribute from  
✓ ANAELLE LTD@KSM  
HjcErRjmpoiBiKEHT3edPXM3NFycJogVwDPuByN...

contribution  
1 | KSM

minimum allowed  
99.9999

remaining till cap  
997.1324

milli

Kilo

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

This account will contribute to the crowdloan.

The amount to contribute from this account.

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

✕ Cancel **⊕ Contribute**

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

Nature of the transaction.

authorize transaction

Sending transaction `crowdloan.contribute(index, value, signature)`  
Contribute to a crowd sale. This will transfer some balance over to fund a parachain slot. It will be withdrawable when the crowdloan has ended and the funds are unused.

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 type of call.

**6. Check the transaction fees.**

Fees of 42.3329 micro KSM will be applied to the submission

sending from my account  
✓ ANAELLE LTD@KSM  
HjcErRijmpoIBiKEHT3edPXm3NFycJogVwDPuByN...

Do not include a tip for the block author ☐

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.

call hash  
0x09c05aac9441af106de92d8b299e185fec796f762748469558374edb331343a3

The call hash as calculated for this transaction

Sign and Submit ☐

Cancel Sign and Submit

crowdloan.contribute  
queued

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



**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.**

The screenshot shows the Polkadot-JS interface with the following details:

- Accounts:** Kusama kusama/9070 #8,221,953
- Network:** polkadot{js}
- Transaction Summary:**
  - from: <https://polkadot.js.org/apps/#/parachains/crowdloan>
  - chain: Kusama
  - version: 9070
  - nonce: 94
  - method: ▶ crowdloan.contribute(index, value, signature)
  - info: ▶ Contribute to a crowd sale. This will transfer some balance ov...
  - lifetime: mortal, valid from 8,221,948 to 8,222,012
- Password Prompt:**
  - PASSWORD FOR THIS ACCOUNT
  - Remember my password for the next 15 minutes (checked)
  - Sign the transaction