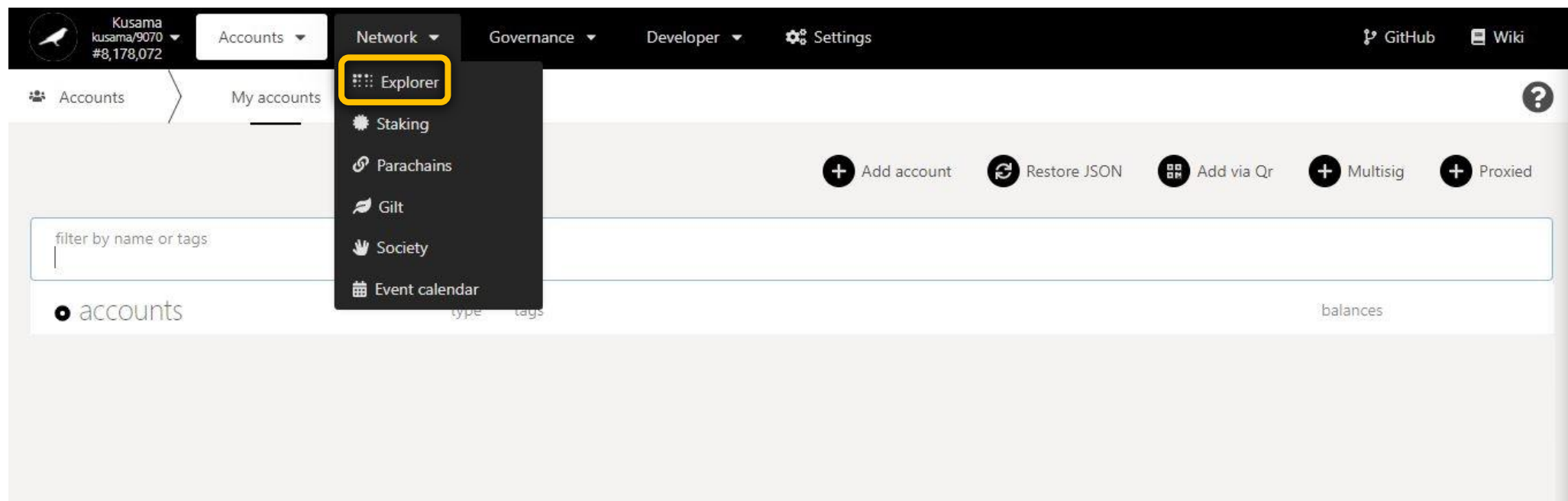


PART II: NETWORK

1. Explorer: Explore latest blockchain data.



a) View blockchain information.

Search block hashes or block numbers.

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

block hash or number to query

last block	target	total issuance	epoch	last events	finalized	best
2.8 s	6 s	11.3050 MKSM	1 hr 59 mins 42 s 0%	13	8,482,934	8,482,937

recent blocks

8,482,937	0xdd5d8de645bdb57af99ae3a10c9b0e3b078d...	GhMryB...3byTJC
8,482,936	0x541ca774dcab9dc249569c96e18398a826d6...	ROCKX_KUSAMA3
8,482,935	0x20242390ec24100981b009cc41e634cd6592...	GpSSta...kEyBPs
8,482,934	0xd34022c6fca752cccd3e5ebdf050fcb93939...	CoS64C...TZXY5v
8,482,933	0xe7364598dd34cbb7de10124a6f7cd61eacab...	L30
8,482,932	0x9581957e7bbc00af3be6299d9558df2a26f3...	STAKEFISH/SF-2
8,482,931	0x9b28449158817ec86b4a0650941d568c2dd1...	BINANCE_KSM_14
8,482,930	0x9118d828d90be70ca3b3b66e903c6710b6d3...	ZUG CAPITAL/58

recent events

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

Recent **block numbers**.

Recent **block hashes**.

Recent **block validators**.

Overview of transactions/operations included in recent blocks.

b) View block details.

Kusama
kusama/9070
#8,482,948

Accounts

Network

Governance

Developer

Settings

GitHub

Wiki

Explorer

Chain info

Block details

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

deposits
0.0000 KSM

transfers
0.0000 KSM

block weight
435,530,000

event count
7

extrinsic count
2

8,482,946

hash

parent

extrinsics

state

CABLE-X

0x39dcef4509015e35a299f052...

0x12167f7fc2d0058ebde33199...

0x4d00031af91023ff9db2a244...

0x2fca4440add2eed16b8c931...

View this externally
Polkascan Polkastats Subscan

extrinsics

events

signer

timestamp.set
Set the current time.

parasInherent.enter
Enter the paras inherent. This will process bitfields and backed candidates.

system.ExtrinsicSuccess
An extrinsic completed successfully. [info]

parasInclusion.CandidateIncluded
A candidate was included. [candidate, head_data]

parasInclusion.CandidateIncluded
A candidate was included. [candidate, head_data]

parasInclusion.CandidateIncluded
A candidate was included. [candidate, head_data]

parasInclusion.CandidateBacked
A candidate was backed. [candidate, head_data]

parasInclusion.CandidateBacked

Extrinsics & Events in detail:

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

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

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

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

c) Monitor blockchain forks.

Kusama
kusama/9070
#8,483,005

Accounts Network Governance Developer Settings

GitHub Wiki

Explorer Chain info Block details Forks Node info

blocks forks
38 2

Key information on forks: **number of blocks captured, and number of forks encountered since monitoring started.**

2nd fork.

#8,483,005 0x90bc80922... 0x5026f59...

...

#8,482,989 0xc90b093ad... 0xc1e38d98...
0x486895b... 0x486895b...

#8,482,988 0x486895bf0...
0xab5891b...

...

#8,482,985 0x46bebf794... 0x15391d2d6...
0x8f1bb30... 0x8f1bb30...

#8,482,984 0x8f1bb305b...
0xb6ca10d...

...

#8,482,969 0xc4acbb85a...
0xe094070...

Last **propagated** block number and block hash (**white colour**) captured by this node since monitoring started.

Last **finalised** block number and block hash (**green colour**) captured by this node since monitoring started.

1st fork.

d) Monitor blockchain nodes information.

The screenshot shows the 'Node info' tab of the Kusama Network Explorer. The interface includes a top navigation bar with 'Kusama kusama/9070 #8,483,009', 'Accounts', 'Network', 'Governance', 'Developer', and 'Settings'. Below this is a secondary navigation bar with 'Explorer', 'Chain info', 'Block details', 'Forks', and 'Node info'. The main content area displays node statistics and transaction details. Annotations with green arrows point to specific elements: a yellow box at the top right explains the 'refresh in', 'total peers', 'syncing', 'queued tx', and 'our best' fields; a yellow box on the left explains the 'connected peers' section; a yellow box at the bottom left explains the 'pending extrinsics' section; and a yellow box on the right explains the 'sender' field in the transaction list.

Key information on current node: countdown to refresh, peer nodes, sync status.

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

Number of node(s) connected to this node.

Number of transaction(s) in queue.

Latest block number captured.

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

Nature of the transaction(s) in queue.

utility.batch
Send a batch of dispatch calls.

events

signer

FMTRnJ...ormZnD
Index 11

View this externally
Polkascan Polkastats Subscan