File: gaiad
Build ID: e8ce066f27ccdc9ba268c8b933619a481a858b8b
Type: cpu
Time: Aug 30, 2019 at 1:38pm (EDT)
Duration: 1.69hrs, Total samples = 11373.73s (187.2%)
Active filters:
   focus=handleValidatorSignature
Showing nodes accounting for 267.28s, 2.35% of 11373.73s total
Dropped 498 nodes (cum <= 56.87s)
Dropped 107 edges (freq <= 11.37s)
Showing top 80 nodes out of 200

blockchain
(*BlockchainReactor)
poolRoutine
0 of 420.88s (3.70%)

420.88s

slashing
Keeper
handleValidatorSignature
1.03s (0.0091%)
of 420.97s (3.70%)

45.65s

33.34s

slashing
Keeper
MinSignedPerWindow
0.34s (0.003%)
of 45.65s (0.4%)

19.69s

9.37s

21.39s

271.78s

slashing
Keeper
SignedBlocksWindow
0.18s (0.0016%)
of 42.71s (0.38%)

31.20s

42.53s

slashing
Keeper
getValidatorSigningInfo
0.31s (0.0027%)
of 19.69s (0.17%)

subspace
Subspace
Get
1.02s (0.009%)
of 73.73s (0.65%)

slashing
Keeper
getPubkey
0.18s (0.0016%)
of 21.39s (0.19%)

slashing
Keeper
getValidatorMissedBlockBitArray
0.27s (0.0024%)
of 271.78s (2.39%)

8.18s

7.36s 9.83s

go-amino
(*Codec)
UnmarshalBinaryLengthPrefixed
0.06s (0.007%)
of 18.35s (0.16%)

4.09s

7.57s

267.88s

gaskv
(*Store)
Get
0.87s (0.0076%)
of 286.90s (2.52%)

285.64s

cachekv
(*Store)
Get
1.07s (0.0094%)
of 285.64s (2.51%)

272.72s

cache
(*CommitKVStoreCache)
Get
1.60s (0.014%)
of 272.72s (2.40%)

245.01s

iavl
(*Node)
get
6.26s (0.055%)
of 245.01s (2.15%)

2.43s

234.20s

iavl
(*nodeDB)
GetNode
0.90s (0.0079%)
of 234.20s (2.06%)

runtime
mapaccess2_faststr
10.76s (0.095%)
of 18.92s (0.17%)

194.49s

db
(*prefixDB)
Get
0.29s (0.0025%)
of 194.49s (1.71%)

16.49s

192.18s

leveldb
(*DB)
Get
0.36s (0.0032%)
of 192.18s (1.69%)

188.05s

memdb
(*DB)
findGE
6.43s (0.057%)
of 18.86s (0.17%)

18.86s

leveldb
(*DB)
get
0.41s (0.0036%)
of 188.05s (1.65%)

163.93s

1.08s

1.11s

5.47s

leveldb
(*version)
walkOverlapping
0.78s (0.0069%)
of 163.93s (1.44%)

158.18s

14.44s

0.78s

leveldb
(*version)
get
func1
0.62s (0.0055%)
of 158.18s (1.39%)

1.51s

156.34s

leveldb
(*tOps)
find
0.47s (0.0041%)
of 156.34s (1.37%)

1.44s

145.11s

table
(*Reader)
find
1.41s (0.012%)
of 145.11s (1.28%)

39.80s

12.43s

table
(*blockIter)
Seek
1.48s (0.013%)
of 39.80s (0.35%)

20.95s

slashing
Keeper
SetValidatorSigningInfo
0.41s (0.0036%)
of 20.17s (0.18%)

go-amino
(*Codec)
decodeReflectBinary
0.57s (0.005%)
of 15.67s (0.14%)

subspace
Subspace
kvStore
1.71s (0.015%)
of 19.39s (0.17%)

table
(*Reader)
getDataIter
0.39s (0.0034%)
of 81.37s (0.72%)

81.37s

types
Context
Value
0.98s (0.0086%)
of 15.76s (0.14%)

golanglru
(*ARCCache)
Add
0.28s (0.0025%)
of 14.44s (0.13%)

sort
Search
2.22s (0.02%)
of 24.73s (0.22%)

20.17s

8.58s

7.09s

2.73s

types
Context
KVStore
0.72s (0.0063%)
of 25.13s (0.22%)

3.11s

3.66s

77.32s

14s

5.40s

0.97s

11.21s

9.06s

5.67s

go-amino
(*Codec)
encodeReflectBinaryStruct
0.92s (0.0081%)
of 8.58s (0.075%)

go-amino
(*Codec)
decodeReflectBinaryStruct
0.80s (0.007%)
of 7.09s (0.062%)

go-amino
(*Codec)
UnmarshalJSON
0.24s (0.0021%)
of 47.14s (0.41%)

2.23s

table
(*Reader)
newBlockIter
1.79s (0.016%)
of 6.84s (0.06%)

table
(*Reader)
readBlockCached
0.61s (0.0054%)
of 89.22s (0.78%)

simpleru
(*LRU)
Add
0.54s (0.0047%)
of 5.40s (0.047%)

table
(*block)
seek
func1
6.13s (0.054%)
of 19.06s (0.17%)

47.14s 15.67s 2.79s

1.40s

0.43s

1.20s

2.03s 1.75s

44.10s

3.40s

4.15s

0.76s

83.77s

0.72s 1.01s

2.95s 1.09s 3.80s

0.85s

1.25s

10.60s

go-amino
(*Codec)
decodeReflectJSON
1.03s (0.0091%)
of 44.10s (0.39%)

go-amino
(*Codec)
Unmarshal JSON
0.21s (0.0018%)
of 15.29s (0.13%)

reflect
implements
3.12s (0.027%)
of 11.30s (0.099%)

types
(*Dec)
Unmarshal JSON
0.21s (0.0018%)
of 15.29s (0.13%)

cache
(*Cache)
Get
1.02s (0.009%)
of 93.08s (0.82%)

runtime
getitab
2.53s (0.022%)
of 6.93s (0.061%)

table
(*blockIter)
Next
2.69s (0.024%)
of 11.22s (0.099%)

runtime
mapaccess2
6.61s (0.058%)
of 11.36s (0.1%)

context
(*valueCtx)
Value
5.46s (0.048%)
of 10.60s (0.093%)

1.22s

10.10s 15.29s

13.21s

2.49s

1.11s

4.76s

1.07s 4.12s

1.87s

2.99s

0.89s 9.21s

13.50s

56.73s

1.24s

0.99s

1.52s

1.86s

7.14s 5.14s

5.76s

types
NewDecFromStr
0.28s (0.0025%)
of 9.74s (0.086%)

json
Unmarshal
0.41s (0.0036%)
of 17.76s (0.16%)

cachekv
(*Store)
setCacheValue
0.39s (0.0034%)
of 9.87s (0.087%)

iavl
(*nodeDB)
cacheNode
0.91s (0.008%)
of 7.16s (0.063%)

cache
(*mBucket)
get
7.06s (0.062%)
of 9.21s (0.081%)

cache
(*lru)
Promote
1.65s (0.015%)
of 13.50s (0.12%)

table
(*Reader)
readRawBlock
0.68s (0.006%)
of 56.73s (0.5%)

runtime
deferreturn
3.98s (0.035%)
of 7.20s (0.063%)

runtime
deferproc
2.34s (0.021%)
of 6.94s (0.061%)

binary
Uvarint
10.91s (0.096%)

runtime
efaceeq
4.27s (0.038%)
of 7.75s (0.068%)

leveldb
(*iComparer)
Compare
3.34s (0.029%)
of 26.35s (0.23%)

9.74s

0.70s

3.92s

4.55s

4.76s

1.07s

1.32s 1.34s 0.67s 0.72s 1.55s

2.43s 1.11s

6.61s 1.15s

1.05s 0.64s

0.79s

0.45s

0.43s 1.26s

1.12s 16.78s 25.02s

0.62s

1.38s

2.62s

2.07s

0.68s

1.06s

19.53s

runtime
makeslice
0.89s (0.0078%)
of 9.07s (0.08%)

runtime
newobject
3.85s (0.034%)
of 39.56s (0.35%)

runtime
slicebytetostring
0.69s (0.0061%)
of 5.22s (0.046%)

runtime
mapassign_faststr
2.57s (0.023%)
of 7.76s (0.068%)

sync
(*Mutex)
Lock
4.84s (0.043%)
of 4.88s (0.043%)

sync
(*Mutex)
Unlock
5.21s (0.046%)
of 5.26s (0.046%)

snappy
decode
12.63s (0.11%)
of 16.78s (0.15%)

syscall
Syscall6
25.28s (0.22%)
of 26.70s (0.23%)

sync
(*RWMutex)
RLock
3.80s (0.033%)
of 7.47s (0.066%)

runtime
growslice
1.11s (0.0098%)
of 7.47s (0.066%)

memeqbody
6.10s (0.054%)

leveldb
(*iComparer)
uCompare
3.10s (0.027%)
of 20.63s (0.18%)

0.76s 1.01s

8.18s

35.71s

3.54s

1.07s

0.99s

1.37s

5.14s 4.15s

0.72s

6.13s

17.45s

19.60s

runtime
mallocgc
19.32s (0.17%)
of 60.59s (0.53%)

runtime
memmove
10.44s (0.092%)

runtime
aeshashbody
6.28s (0.055%)

runtime
memclrNoHeapPointers
7.07s (0.062%)

bytes
Compare
0.84s (0.0074%)
of 21.12s (0.19%)

9.28s

10.77s

runtime
nextFreeFast
9.28s (0.082%)

runtime
heapBitsSetType
9.42s (0.083%)
of 10.77s (0.095%)

cmpbody
19.60s (0.17%)