

# SIGBUS in go-ethereum-details

1. Create a new testing environment, clean up all cache, git clone the latest code & make geth.
2. Setup a go-ethereum node in your local machine. My environment setting is that 64-bit Ubuntu 18.04 with 128 cores (AMD EPYC 7742 Processor @ 2.25 GHz) and 488 GiB of main memory.
3. Send a serial of fuzzed messages to this node, the detailed content, and timestamp of these messages can be found in the log info.
4. Within only 1 minute, the SIGBUS occurs, node crashes down.

All the log information can be found here.

```
=====log info =====
INFO [09-18|10:09:15.627] Maximum peer count          ETH=10 LES=0 total=10
INFO [09-18|10:09:15.627] Smartcard socket not found, disabling   err="stat
/run/pcscd/pcscd.comm: no such file or directory"
INFO [09-18|10:09:15.627] Set global gas cap                    cap=50,000,000
INFO [09-18|10:09:15.627] Allocated trie memory caches          clean=154.00MiB
dirty=256.00MiB
INFO [09-18|10:09:15.627] Allocated cache and file handles
database=/root/workplace/blockchain/sandy/geth/Fuzzing/node1/geth/chaindata
cache=512.00MiB handles=524,288
INFO [09-18|10:09:16.066] Opened ancient database
database=/root/workplace/blockchain/sandy/geth/Fuzzing/node1/geth/chaindata/ancient
readonly=false
INFO [09-18|10:09:16.067] Initialised chain configuration        config="{ChainID: 10086
Homestead: 0 DAO: <nil> DAOSupport: false EIP150: 0 EIP155: 0 EIP158: 0 Byzantium:
0 Constantinople: 0 Petersburg: 0 Istanbul: 0, Muir Glacier: <nil>, Berlin: 0, London:
<nil>, Engine: unknown}"
INFO [09-18|10:09:16.068] Disk storage enabled for ethash caches
dir=/root/workplace/blockchain/sandy/geth/Fuzzing/node1/geth/ethash count=3
INFO [09-18|10:09:16.068] Disk storage enabled for ethash DAGs   dir=/root/.ethash
count=2
INFO [09-18|10:09:16.068] Initialising Ethereum protocol         network=10086
dbversion=<nil>
INFO [09-18|10:09:16.070] Loaded most recent local header        number=0
hash=696ecf..26ff73 td=524,288 age=52y5mo2w
INFO [09-18|10:09:16.070] Loaded most recent local full block    number=0
hash=696ecf..26ff73 td=524,288 age=52y5mo2w
INFO [09-18|10:09:16.070] Loaded most recent local fast block    number=0
hash=696ecf..26ff73 td=524,288 age=52y5mo2w
WARN [09-18|10:09:16.070] Failed to load snapshot, regenerating  err="missing or
corrupted snapshot"
INFO [09-18|10:09:16.070] Rebuilding state snapshot
INFO [09-18|10:09:16.071] Regenerated local transaction journal   transactions=0
accounts=0
INFO [09-18|10:09:16.071] Resuming state snapshot generation
root=56e81f..63b421 accounts=0 slots=0 storage=0.00B elapsed="818.215µs"
INFO [09-18|10:09:16.071] Gasprice oracle is ignoring threshold set threshold=2
INFO [09-18|10:09:16.071] Generated state snapshot               accounts=0 slots=0
```

storage=0.00B elapsed=1.018ms  
WARN [09-18|10:09:16.071] Error reading unclean shutdown markers error="leveldb:  
not found"  
INFO [09-18|10:09:16.071] Starting peer-to-peer node  
instance=Geth/ETH-node1/v1.10.9-unstable/linux-amd64/go1.17  
INFO [09-18|10:09:16.236] New local node record seq=1,631,930,956,234  
id=ce8a9a86e55ceedb ip=127.0.0.1 udp=30303 tcp=30303  
INFO [09-18|10:09:16.236] Started P2P networking  
self=enode://dcede941c993d16aaf448f18e4b6a5e4fe8a03cfb16003b3832a28bb7c5782a  
b6f0808536f385676de2b774c259704bc1c758c92d4cc7605546ae71e44b5eac3@127.0.  
0.1:30303  
INFO [09-18|10:09:16.237] IPC endpoint opened  
url=/root/workplace/blockchain/sandy/geth/Fuzzing/node1/geth.ipc  
INFO [09-18|10:09:16.237] Transaction pool price threshold updated  
price=1,000,000,000  
INFO [09-18|10:09:16.237] Updated mining threads threads=1  
INFO [09-18|10:09:16.237] Transaction pool price threshold updated  
price=1,000,000,000  
INFO [09-18|10:09:16.237] Commit new mining work number=1  
sealhash=cebab3..c13656 uncles=0 txs=0 gas=0 fees=0 elapsed="187.036µs"  
Welcome to the Geth JavaScript console!

instance: Geth/ETH-node1/v1.10.9-unstable/linux-amd64/go1.17  
coinbase: 0xd192415624a039b24ad571f96cb438de9f0556a7  
at block: 0 (Thu Jan 01 1970 08:00:00 GMT+0800 (CST))  
datadir: /root/workplace/blockchain/sandy/geth/Fuzzing/node1  
modules: admin:1.0 debug:1.0 eth:1.0 ethash:1.0 miner:1.0 net:1.0 personal:1.0 rpc:1.0  
txpool:1.0 web3:1.0

To exit, press ctrl-d

> INFO [09-18|10:09:16.713] Generating DAG in progress epoch=0  
percentage=0 elapsed=81.366ms  
INFO [09-18|10:09:16.795] Generating DAG in progress epoch=0 percentage=1  
elapsed=162.839ms  
INFO [09-18|10:09:16.876] Generating DAG in progress epoch=0 percentage=2  
elapsed=244.581ms  
INFO [09-18|10:09:16.957] Generating DAG in progress epoch=0 percentage=3  
elapsed=324.902ms  
INFO [09-18|10:09:17.036] Generating DAG in progress epoch=0 percentage=4  
elapsed=404.485ms  
INFO [09-18|10:09:17.118] Generating DAG in progress epoch=0 percentage=5  
elapsed=486.183ms  
INFO [09-18|10:09:17.200] Generating DAG in progress epoch=0 percentage=6  
elapsed=568.416ms  
INFO [09-18|10:09:17.281] Generating DAG in progress epoch=0 percentage=7  
elapsed=649.419ms  
INFO [09-18|10:09:17.364] Generating DAG in progress epoch=0 percentage=8  
elapsed=732.124ms  
INFO [09-18|10:09:17.445] Generating DAG in progress epoch=0 percentage=9  
elapsed=813.052ms  
INFO [09-18|10:09:17.526] Generating DAG in progress epoch=0  
percentage=10 elapsed=894.030ms  
INFO [09-18|10:09:17.607] Generating DAG in progress epoch=0  
percentage=11 elapsed=975.582ms

INFO [09-18|10:09:17.689] Generating DAG in progress epoch=0  
percentage=12 elapsed=1.056s  
INFO [09-18|10:09:17.774] Generating DAG in progress epoch=0  
percentage=13 elapsed=1.141s  
INFO [09-18|10:09:17.861] Generating DAG in progress epoch=0  
percentage=14 elapsed=1.229s  
INFO [09-18|10:09:17.949] Generating DAG in progress epoch=0  
percentage=15 elapsed=1.316s  
INFO [09-18|10:09:18.035] Generating DAG in progress epoch=0  
percentage=16 elapsed=1.403s  
INFO [09-18|10:09:18.121] Generating DAG in progress epoch=0  
percentage=17 elapsed=1.489s  
INFO [09-18|10:09:18.207] Generating DAG in progress epoch=0  
percentage=18 elapsed=1.575s  
INFO [09-18|10:09:18.294] Generating DAG in progress epoch=0  
percentage=19 elapsed=1.662s  
INFO [09-18|10:09:18.386] Generating DAG in progress epoch=0  
percentage=20 elapsed=1.754s  
INFO [09-18|10:09:18.475] Generating DAG in progress epoch=0  
percentage=21 elapsed=1.843s  
INFO [09-18|10:09:18.585] Generating DAG in progress epoch=0  
percentage=22 elapsed=1.953s  
INFO [09-18|10:09:18.717] Generating DAG in progress epoch=0  
percentage=23 elapsed=2.084s  
INFO [09-18|10:09:18.967] Generating DAG in progress epoch=0  
percentage=24 elapsed=2.335s  
INFO [09-18|10:09:19.250] Generating DAG in progress epoch=0  
percentage=25 elapsed=2.618s  
INFO [09-18|10:09:19.545] Generating DAG in progress epoch=0  
percentage=26 elapsed=2.913s  
INFO [09-18|10:09:19.856] Generating DAG in progress epoch=0  
percentage=27 elapsed=3.224s  
INFO [09-18|10:09:20.124] Generating DAG in progress epoch=0  
percentage=28 elapsed=3.492s  
INFO [09-18|10:09:20.375] Generating DAG in progress epoch=0  
percentage=29 elapsed=3.743s  
INFO [09-18|10:09:20.700] Generating DAG in progress epoch=0  
percentage=30 elapsed=4.067s  
INFO [09-18|10:09:21.282] Generating DAG in progress epoch=0  
percentage=31 elapsed=4.650s  
INFO [09-18|10:09:21.969] Generating DAG in progress epoch=0  
percentage=32 elapsed=5.337s  
INFO [09-18|10:09:22.876] Generating DAG in progress epoch=0  
percentage=33 elapsed=6.243s  
INFO [09-18|10:09:23.874] Generating DAG in progress epoch=0  
percentage=34 elapsed=7.241s  
INFO [09-18|10:09:24.448] Receive message! id=2081bac334d32fb2  
conn=dyndial Msg type is =0 size is =0 Payload is =nil ReceivedAt is  
=0001-01-01T00:00:00+0000  
INFO [09-18|10:09:24.817] Generating DAG in progress epoch=0  
percentage=35 elapsed=8.185s  
INFO [09-18|10:09:25.827] Generating DAG in progress epoch=0  
percentage=36 elapsed=9.194s  
INFO [09-18|10:09:26.368] Receive message! id=1f33ee4c6f62fe09

conn=dyndial Msg type is =0 size is =0 Payload is =nil ReceivedAt is =0001-01-01T00:00:00+0000  
INFO [09-18|10:09:26.369] Looking for peers peercount=3 tried=3 static=0  
INFO [09-18|10:09:26.725] Generating DAG in progress epoch=0  
percentage=37 elapsed=10.093s  
INFO [09-18|10:09:26.987] Receive message! id=39b5c307c7745afa  
conn=dyndial Msg type is =0 size is =0 Payload is =nil ReceivedAt is =0001-01-01T00:00:00+0000  
INFO [09-18|10:09:27.572] Generating DAG in progress epoch=0  
percentage=38 elapsed=10.939s  
INFO [09-18|10:09:28.537] Generating DAG in progress epoch=0  
percentage=39 elapsed=11.905s  
INFO [09-18|10:09:29.513] Generating DAG in progress epoch=0  
percentage=40 elapsed=12.881s  
INFO [09-18|10:09:30.213] Generating DAG in progress epoch=0  
percentage=41 elapsed=13.581s  
INFO [09-18|10:09:30.988] Generating DAG in progress epoch=0  
percentage=42 elapsed=14.355s  
INFO [09-18|10:09:31.832] Generating DAG in progress epoch=0  
percentage=43 elapsed=15.199s  
INFO [09-18|10:09:32.669] Generating DAG in progress epoch=0  
percentage=44 elapsed=16.037s  
INFO [09-18|10:09:33.676] Generating DAG in progress epoch=0  
percentage=45 elapsed=17.043s  
INFO [09-18|10:09:34.723] Generating DAG in progress epoch=0  
percentage=46 elapsed=18.091s  
INFO [09-18|10:09:35.685] Generating DAG in progress epoch=0  
percentage=47 elapsed=19.053s  
INFO [09-18|10:09:36.407] Looking for peers peercount=3 tried=0 static=0  
INFO [09-18|10:09:36.589] Generating DAG in progress epoch=0  
percentage=48 elapsed=19.957s  
INFO [09-18|10:09:37.363] Generating DAG in progress epoch=0  
percentage=49 elapsed=20.731s  
INFO [09-18|10:09:38.093] Generating DAG in progress epoch=0  
percentage=50 elapsed=21.461s  
INFO [09-18|10:09:38.950] Generating DAG in progress epoch=0  
percentage=51 elapsed=22.318s  
INFO [09-18|10:09:39.744] Generating DAG in progress epoch=0  
percentage=52 elapsed=23.112s  
INFO [09-18|10:09:40.479] Generating DAG in progress epoch=0  
percentage=53 elapsed=23.847s  
INFO [09-18|10:09:41.257] Generating DAG in progress epoch=0  
percentage=54 elapsed=24.625s  
INFO [09-18|10:09:42.065] Generating DAG in progress epoch=0  
percentage=55 elapsed=25.433s  
INFO [09-18|10:09:42.990] Generating DAG in progress epoch=0  
percentage=56 elapsed=26.358s  
INFO [09-18|10:09:43.941] Generating DAG in progress epoch=0  
percentage=57 elapsed=27.309s  
INFO [09-18|10:09:44.958] Generating DAG in progress epoch=0  
percentage=58 elapsed=28.326s  
INFO [09-18|10:09:45.808] Generating DAG in progress epoch=0  
percentage=59 elapsed=29.176s  
INFO [09-18|10:09:46.512] Generating DAG in progress epoch=0

percentage=60 elapsed=29.880s  
INFO [09-18|10:09:46.775] Looking for peers peercount=3 tried=0 static=0  
INFO [09-18|10:09:47.194] Generating DAG in progress epoch=0  
percentage=61 elapsed=30.562s  
INFO [09-18|10:09:47.902] Generating DAG in progress epoch=0  
percentage=62 elapsed=31.270s  
INFO [09-18|10:09:48.697] Generating DAG in progress epoch=0  
percentage=63 elapsed=32.064s  
INFO [09-18|10:09:49.502] Generating DAG in progress epoch=0  
percentage=64 elapsed=32.870s  
INFO [09-18|10:09:50.368] Generating DAG in progress epoch=0  
percentage=65 elapsed=33.735s  
INFO [09-18|10:09:51.310] Generating DAG in progress epoch=0  
percentage=66 elapsed=34.677s  
INFO [09-18|10:09:52.247] Generating DAG in progress epoch=0  
percentage=67 elapsed=35.615s  
INFO [09-18|10:09:53.032] Generating DAG in progress epoch=0  
percentage=68 elapsed=36.400s  
INFO [09-18|10:09:53.822] Generating DAG in progress epoch=0  
percentage=69 elapsed=37.189s  
INFO [09-18|10:09:54.655] Generating DAG in progress epoch=0  
percentage=70 elapsed=38.023s  
INFO [09-18|10:09:55.634] Generating DAG in progress epoch=0  
percentage=71 elapsed=39.002s  
INFO [09-18|10:09:56.762] Generating DAG in progress epoch=0  
percentage=72 elapsed=40.129s  
INFO [09-18|10:09:57.127] Looking for peers peercount=3 tried=2 static=0  
INFO [09-18|10:09:58.959] Generating DAG in progress epoch=0  
percentage=73 elapsed=42.327s  
INFO [09-18|10:10:00.074] Generating DAG in progress epoch=0  
percentage=74 elapsed=43.441s  
INFO [09-18|10:10:00.923] Generating DAG in progress epoch=0  
percentage=75 elapsed=44.290s  
INFO [09-18|10:10:01.749] Generating DAG in progress epoch=0  
percentage=76 elapsed=45.116s  
INFO [09-18|10:10:02.629] Generating DAG in progress epoch=0  
percentage=77 elapsed=45.997s  
INFO [09-18|10:10:03.646] Generating DAG in progress epoch=0  
percentage=78 elapsed=47.014s  
INFO [09-18|10:10:04.625] Generating DAG in progress epoch=0  
percentage=79 elapsed=47.993s  
INFO [09-18|10:10:05.395] Generating DAG in progress epoch=0  
percentage=80 elapsed=48.762s  
INFO [09-18|10:10:06.085] Generating DAG in progress epoch=0  
percentage=81 elapsed=49.452s  
INFO [09-18|10:10:07.507] Generating DAG in progress epoch=0  
percentage=82 elapsed=50.875s  
INFO [09-18|10:10:08.094] Looking for peers peercount=3 tried=0 static=0  
INFO [09-18|10:10:08.976] Generating DAG in progress epoch=0  
percentage=83 elapsed=52.344s  
INFO [09-18|10:10:11.105] Generating DAG in progress epoch=0  
percentage=84 elapsed=54.473s  
INFO [09-18|10:10:12.134] Generating DAG in progress epoch=0  
percentage=85 elapsed=55.502s

INFO [09-18|10:10:13.086] Generating DAG in progress epoch=0  
 percentage=86 elapsed=56.454s  
 INFO [09-18|10:10:14.067] Generating DAG in progress epoch=0  
 percentage=87 elapsed=57.434s  
 INFO [09-18|10:10:15.071] Generating DAG in progress epoch=0  
 percentage=88 elapsed=58.439s  
 INFO [09-18|10:10:16.085] Generating DAG in progress epoch=0  
 percentage=89 elapsed=59.453s  
 INFO [09-18|10:10:17.099] Generating DAG in progress epoch=0  
 percentage=90 elapsed=1m0.467s  
 INFO [09-18|10:10:18.101] Generating DAG in progress epoch=0  
 percentage=91 elapsed=1m1.469s  
 INFO [09-18|10:10:18.415] Looking for peers peercount=3 tried=0 static=0  
 INFO [09-18|10:10:19.094] Generating DAG in progress epoch=0  
 percentage=92 elapsed=1m2.462s  
 INFO [09-18|10:10:20.002] Generating DAG in progress epoch=0  
 percentage=93 elapsed=1m3.369s  
 INFO [09-18|10:10:20.969] Generating DAG in progress epoch=0  
 percentage=94 elapsed=1m4.337s  
 INFO [09-18|10:10:22.889] Generating DAG in progress epoch=0  
 percentage=95 elapsed=1m6.257s  
 INFO [09-18|10:10:25.140] Generating DAG in progress epoch=0  
 percentage=96 elapsed=1m8.508s  
 INFO [09-18|10:10:25.889] Generating DAG in progress epoch=0  
 percentage=97 elapsed=1m9.257s  
 INFO [09-18|10:10:26.800] Generating DAG in progress epoch=0  
 percentage=98 elapsed=1m10.167s  
 INFO [09-18|10:10:28.538] Looking for peers peercount=3 tried=0 static=0  
 INFO [09-18|10:10:30.800] Generating DAG in progress epoch=0  
 percentage=99 elapsed=1m14.168s  
 INFO [09-18|10:10:30.803] Generated ethash verification cache epoch=0  
 elapsed=1m14.171s  
 INFO [09-18|10:10:34.551] Generating DAG in progress epoch=1 percentage=0  
 elapsed=1.212s  
 INFO [09-18|10:10:35.693] Generating DAG in progress epoch=1 percentage=1  
 elapsed=2.354s  
 INFO [09-18|10:10:36.843] Generating DAG in progress epoch=1 percentage=2  
 elapsed=3.504s  
 INFO [09-18|10:10:37.747] Generating DAG in progress epoch=1 percentage=3  
 elapsed=4.408s  
 INFO [09-18|10:10:38.636] Generating DAG in progress epoch=1 percentage=4  
 elapsed=5.297s  
 INFO [09-18|10:10:38.791] Looking for peers peercount=3 tried=2 static=0  
 INFO [09-18|10:10:39.586] Generating DAG in progress epoch=1 percentage=5  
 elapsed=6.247s  
 INFO [09-18|10:10:40.387] Generating DAG in progress epoch=1 percentage=6  
 elapsed=7.048s  
 INFO [09-18|10:10:41.290] Generating DAG in progress epoch=1 percentage=7  
 elapsed=7.951s  
 INFO [09-18|10:10:42.148] Generating DAG in progress epoch=1 percentage=8  
 elapsed=8.809s  
 INFO [09-18|10:10:43.044] Successfully sealed new block number=1  
 sealhash=cebab3..c13656 hash=230587..62441f elapsed=1m26.806s  
 INFO [09-18|10:10:43.063] 🛠️ mined potential block number=1

hash=230587..62441f  
INFO [09-18|10:10:43.051] Commit new mining work number=2  
sealhash=a30cd8..869430 uncles=0 txs=0 gas=0 fees=0 elapsed="163.935µs"  
INFO [09-18|10:10:43.071] Generating DAG in progress epoch=1 percentage=9  
elapsed=9.731s  
INFO [09-18|10:10:43.604] Receive message! id=9443a77af3e8a5da  
conn=inbound Msg type is =3 size is =47 Payload is ="&{s:[238 136 73 40 129 152 177  
29 78 98 228 160 35 5 135 145 130 30 140 162 112 29 6 213 96 6 150 152 173 67 58 13  
6 95 91 96 78 190 251 167 24 98 68 31 1 128 128] i:0 prevRune:-1}" ReceivedAt is  
=2021-09-18T10:10:43+0800  
INFO [09-18|10:10:43.604] Receive message! id=8c92e6279134e37f  
conn=inbound Msg type is =3 size is =47 Payload is ="&{s:[238 136 73 40 129 152 177  
29 78 98 228 160 35 5 135 145 130 30 140 162 112 29 6 213 96 6 150 152 173 67 58 13  
6 95 91 96 78 190 251 167 24 98 68 31 1 128 128] i:0 prevRune:-1}" ReceivedAt is  
=2021-09-18T10:10:43+0800  
INFO [09-18|10:10:44.149] Generating DAG in progress epoch=1  
percentage=10 elapsed=10.810s  
INFO [09-18|10:10:45.271] Generating DAG in progress epoch=1  
percentage=11 elapsed=11.932s  
INFO [09-18|10:10:46.421] Generating DAG in progress epoch=1  
percentage=12 elapsed=13.082s  
INFO [09-18|10:10:47.555] Generating DAG in progress epoch=1  
percentage=13 elapsed=14.216s  
INFO [09-18|10:10:48.651] Generating DAG in progress epoch=1  
percentage=14 elapsed=15.312s  
INFO [09-18|10:10:49.050] Looking for peers peercount=3 tried=0 static=0  
INFO [09-18|10:10:49.813] Generating DAG in progress epoch=1  
percentage=15 elapsed=16.474s  
INFO [09-18|10:10:50.986] Generating DAG in progress epoch=1  
percentage=16 elapsed=17.647s  
INFO [09-18|10:10:52.143] Generating DAG in progress epoch=1  
percentage=17 elapsed=18.803s  
INFO [09-18|10:10:52.176] Receive message! id=8c92e6279134e37f  
conn=inbound Msg type is =3 size is =39 Payload is ="&{s:[230 136 73 40 129 152 177  
29 78 98 220 136 207 145 116 158 218 23 240 38 136 210 136 27 157 4 86 52 151 136  
115 97 209 53 137 41 10 158 1] i:0 prevRune:-1}" ReceivedAt is  
=2021-09-18T10:10:52+0800  
INFO [09-18|10:10:53.270] Generating DAG in progress epoch=1  
percentage=18 elapsed=19.931s  
INFO [09-18|10:10:54.324] Generating DAG in progress epoch=1  
percentage=19 elapsed=20.984s  
INFO [09-18|10:10:55.312] Generating DAG in progress epoch=1  
percentage=20 elapsed=21.973s  
INFO [09-18|10:10:56.192] Generating DAG in progress epoch=1  
percentage=21 elapsed=22.853s  
INFO [09-18|10:10:56.977] Generating DAG in progress epoch=1  
percentage=22 elapsed=23.638s  
INFO [09-18|10:10:57.656] Generating DAG in progress epoch=1  
percentage=23 elapsed=24.317s  
INFO [09-18|10:10:58.378] Generating DAG in progress epoch=1  
percentage=24 elapsed=25.039s  
INFO [09-18|10:10:59.125] Generating DAG in progress epoch=1  
percentage=25 elapsed=25.785s  
INFO [09-18|10:10:59.371] Looking for peers peercount=3 tried=0 static=0











108 30 166 246 181 255 91 70 22 98 111 84 21 44 100 18 45 173 133 193 244 217 143  
7 172 74 124 80 66 119 241 142 138 197 90 161 130 244 25 0 20 42 172 212 145 152  
208 139 189 223 228 225 68 29 30 243 140 231 70 161 115 24 111 210 113 188 86 248  
104 215 15 14 166 179 102 136 88 214 76 255 84 43 229 110 38 78 89 241 169 145 188  
205 69 142 116 235 35 219 153 112 213 39 110 182 240 234 183 22 93 131 7 148 117 2  
136 244 78 211 45 27 221 254 23 136 224 54 78 30 115 152 167 250 136 103 40 24 157  
166 136 21 164 136 217 187 55 211 139 42 101 206 160 184 115 33 52 42 5 202 54 154  
240 112 44 246 112 217 201 190 246 161 154 80 10 17 218 108 187 220 19 30 147 53  
235 136 227 188 219 63 93 119 70 197] i:0 prevRune:-1}" ReceivedAt is  
=2021-09-18T10:11:15+0800

INFO [09-18|10:11:15.628] Generating DAG in progress epoch=1  
percentage=44 elapsed=42.289s

INFO [09-18|10:11:17.317] Receive message! id=9443a77af3e8a5da  
conn=inbound Msg type is =4 size is =543 Payload is ="&{s:[249 2 28 136 11 189 123  
168 195 73 18 62 249 2 16 249 2 13 160 35 5 135 145 130 30 140 162 112 29 6 213 96  
6 150 152 173 67 58 13 6 95 91 96 78 190 251 167 24 98 68 31 160 29 204 77 232 222  
199 93 122 171 133 181 103 182 204 212 26 211 18 69 27 148 138 116 19 240 161 66  
253 64 212 147 71 148 209 146 65 86 36 160 57 178 74 213 113 249 108 180 56 222  
159 5 86 167 160 180 148 56 58 2 127 27 13 62 230 155 47 207 142 43 54 203 170 172  
55 53 191 123 62 36 207 69 246 187 109 98 225 160 86 232 31 23 27 204 85 166 255  
131 69 230 146 192 248 110 91 72 224 27 153 108 173 192 1 98 47 181 227 99 180 33  
160 86 232 31 23 27 204 85 166 255 131 69 230 146 192 248 110 91 72 224 27 153 108  
173 192 1 98 47 181 227 99 180 33 185 1 0 62 193 122 139 211 214 10 53 189 96 66  
130 52 233 140 227 104 31 24 87 191 102 214 174 163 255 59 220 180 147 78 85 150  
99 114 3 169 149 151 239 156 250 68 198 41 5 123 214 149 113 10 133 188 55 176 124  
14 27 140 86 35 203 41 60 23 240 11 12 38 21 7 41 168 167 154 94 113 205 68 88 196  
69 201 129 31 124 89 181 119 212 100 1 170 234 112 7 240 183 28 81 105 141 246 234  
84 112 48 107 221 166 94 73 34 182 172 78 163 210 244 241 118 168 157 170 243 183  
197 84 66 222 126 118 236 249 182 237 101 54 104 100 247 228 171 114 93 69 102  
164 249 203 72 251 106 141 113 254 74 157 118 93 222 165 73 0 200 37 130 52 120  
213 55 131 156 187 118 52 52 238 250 159 229 1 198 137 218 255 224 165 126 255 37  
138 69 203 174 165 186 252 162 40 230 194 232 62 246 202 139 93 196 91 110 196  
181 98 244 178 135 45 80 198 209 91 249 35 104 198 252 147 45 78 222 49 109 60 136  
56 183 121 169 192 108 153 1 135 185 212 191 154 242 16 4 61 184 83 55 191 131 7  
148 117 2 136 220 66 229 96 118 82 245 11 136 126 240 74 156 91 248 22 76 136 128  
106 21 247 244 109 23 123 133 23 149 121 61 83 160 184 115 33 52 42 5 202 54 154  
240 112 44 246 112 217 201 190 246 161 154 80 10 17 218 108 187 220 19 30 147 53  
235 136 109 242 98 16 213 80 93 59] i:0 prevRune:-1}" ReceivedAt is  
=2021-09-18T10:11:17+0800

INFO [09-18|10:11:17.742] Generating DAG in progress epoch=1  
percentage=45 elapsed=44.403s

unexpected fault address 0x7f161e00a000

fatal error: fault

unexpected fault address 0x7f1624674000

unexpected fault address 0x7f163e01a000

fatal error: fault

fatal error: fault

unexpected fault address 0x7f160dfe6000

fatal error: fault

[signal SIGBUS: bus error code=0x2 addr=0x7f161e00a000 pc=0x480d9a]

goroutine 221 [running]:

runtime.throw({0x13a9f9a, 0x8cb0d096eacc3b61})

runtime/panic.go:1198 +0x71 fp=0xc000669e60 sp=0xc000669e30 pc=0x44c7b1

```
runtime.sigpanic(  
    runtime/signal_unix.go:732 +0x125 fp=0xc000669eb0 sp=0xc000669e60  
pc=0x4629c5  
runtime.memmove(  
    runtime/memmove_amd64.s:204 +0x17a fp=0xc000669eb8 sp=0xc000669eb0  
pc=0x480d9a  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x8)  
    github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
fp=0xc000669fc8 sp=0xc000669eb8 pc=0x98a62a  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.dwrap·2()  
    github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:330 +0x2d  
fp=0xc000669fe0 sp=0xc000669fc8 pc=0x98a36d  
runtime.goexit()  
    runtime/asm_amd64.s:1581 +0x1 fp=0xc000669fe8 sp=0xc000669fe0 pc=0x47fda1  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
    github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225
```

goroutine 1 [select]:

```
github.com/ethereum/go-ethereum/console.(*Console).Interactive(0xc000118850)  
    github.com/ethereum/go-ethereum/console/console.go:370 +0x345  
main.localConsole(0xc00087e160)  
    github.com/ethereum/go-ethereum/cmd/geth/consolcmd.go:108 +0x31f  
github.com/ethereum/go-ethereum/cmd/utills.MigrateFlags.func1(0xc00087e160)  
    github.com/ethereum/go-ethereum/cmd/utills/flags.go:1929 +0x48  
gopkg.in/urfave/cli%2ev1.HandleAction({0x11a1140, 0xc0005b7b60}, 0x7)  
    gopkg.in/urfave/cli.v1@v1.20.0/app.go:490 +0x5a  
gopkg.in/urfave/cli%2ev1.Command.Run({{0x13ac8e9, 0x7}, {0x0, 0x0}, {0x0, 0x0, 0x0},  
{0x13e18d0, 0x2b}, {0x0, ...}, ...}, ...)  
    gopkg.in/urfave/cli.v1@v1.20.0/command.go:210 +0x8f8  
gopkg.in/urfave/cli%2ev1.(*App).Run(0xc000582680, {0xc000032160, 0x15, 0x16})  
    gopkg.in/urfave/cli.v1@v1.20.0/app.go:255 +0x6ac  
main.main()  
    github.com/ethereum/go-ethereum/cmd/geth/main.go:254 +0x35
```

goroutine 6 [chan receive]:

```
github.com/rjeczalik/notify.(*nonrecursiveTree).dispatch(0xc0000ae360, 0x0)  
    github.com/rjeczalik/notify@v0.9.1/tree_nonrecursive.go:36 +0x49  
created by github.com/rjeczalik/notify.newNonrecursiveTree  
    github.com/rjeczalik/notify@v0.9.1/tree_nonrecursive.go:29 +0x16f
```

goroutine 7 [chan receive]:

```
github.com/rjeczalik/notify.(*nonrecursiveTree).internal(0xc0000ae360, 0xc0000ae300)  
    github.com/rjeczalik/notify@v0.9.1/tree_nonrecursive.go:81 +0x5a  
created by github.com/rjeczalik/notify.newNonrecursiveTree  
    github.com/rjeczalik/notify@v0.9.1/tree_nonrecursive.go:30 +0x1c8
```

goroutine 18 [chan receive]:

```
github.com/ethereum/go-ethereum/core.(*txSenderCacher).cache(0x0)  
    github.com/ethereum/go-ethereum/core/tx_cacher.go:63 +0x3b  
created by github.com/ethereum/go-ethereum/core.newTxSenderCacher  
    github.com/ethereum/go-ethereum/core/tx_cacher.go:55 +0x7a
```

goroutine 19 [chan receive]:

```
github.com/ethereum/go-ethereum/core.(*txSenderCacher).cache(0x0)
```





github.com/ethereum/go-ethereum/core/tx\_cacher.go:63 +0x3b  
created by github.com/ethereum/go-ethereum/core.newTxSenderCacher  
github.com/ethereum/go-ethereum/core/tx\_cacher.go:55 +0x7a

goroutine 38 [chan receive]:  
github.com/ethereum/go-ethereum/metrics.(\*meterArbiter).tick(0x225b320)  
github.com/ethereum/go-ethereum/metrics/meter.go:290 +0x65  
created by github.com/ethereum/go-ethereum/metrics.NewMeterForced  
github.com/ethereum/go-ethereum/metrics/meter.go:71 +0xc7

goroutine 39 [select]:  
github.com/ethereum/go-ethereum/consensus/ethash.(\*remoteSealer).loop(0xc0002fa000)  
github.com/ethereum/go-ethereum/consensus/ethash/sealer.go:279 +0x205  
created by github.com/ethereum/go-ethereum/consensus/ethash.startRemoteSealer  
github.com/ethereum/go-ethereum/consensus/ethash/sealer.go:263 +0x31e

goroutine 53 [chan receive]:  
github.com/rjeczalik/notify.(\*inotify).send(0xc000180000, 0xc00013a880)  
github.com/rjeczalik/notify@v0.9.1/watcher\_inotify.go:254 +0x45  
created by github.com/rjeczalik/notify.(\*inotify).lazyinit  
github.com/rjeczalik/notify@v0.9.1/watcher\_inotify.go:137 +0x1d2

goroutine 52 [chan receive]:  
github.com/rjeczalik/notify.(\*inotify).send(0xc000180000, 0xc00013ac80)  
github.com/rjeczalik/notify@v0.9.1/watcher\_inotify.go:254 +0x45  
created by github.com/rjeczalik/notify.(\*inotify).lazyinit  
github.com/rjeczalik/notify@v0.9.1/watcher\_inotify.go:137 +0x1d2

goroutine 46 [syscall]:  
os/signal.signal\_recv()  
runtime/sigqueue.go:169 +0x98  
os/signal.loop()  
os/signal/signal\_unix.go:24 +0x19  
created by os/signal.Notify.func1.1  
os/signal/signal.go:151 +0x2c

goroutine 51 [syscall]:  
syscall.Syscall6(0xe8, 0x8, 0xc000341f84, 0x1, 0xffffffffffff, 0x0, 0x0)  
syscall/asm\_linux\_amd64.s:43 +0x5  
golang.org/x/sys/unix.EpollWait(0x0, {0xc000341f84, 0x0, 0x0}, 0x0)

golang.org/x/sys@v0.0.0-20210816183151-1e6c022a8912/unix/zsyscall\_linux\_amd64.go:77 +0x58  
github.com/rjeczalik/notify.(\*inotify).loop(0xc000180000, 0x0)  
github.com/rjeczalik/notify@v0.9.1/watcher\_inotify.go:194 +0x5a  
created by github.com/rjeczalik/notify.(\*inotify).lazyinit  
github.com/rjeczalik/notify@v0.9.1/watcher\_inotify.go:134 +0x11d

goroutine 11 [select]:  
github.com/ethereum/go-ethereum/accounts.(\*Manager).update(0xc0002f88c0)  
github.com/ethereum/go-ethereum/accounts/manager.go:134 +0x156  
created by github.com/ethereum/go-ethereum/accounts.NewManager  
github.com/ethereum/go-ethereum/accounts/manager.go:94 +0x2ba



goroutine 12 [select]:

github.com/ethereum/go-ethereum/accounts/keystore.(\*watcher).loop(0xc000336a00)  
github.com/ethereum/go-ethereum/accounts/keystore/watch.go:95 +0x46d  
created by github.com/ethereum/go-ethereum/accounts/keystore.(\*watcher).start  
github.com/ethereum/go-ethereum/accounts/keystore/watch.go:53 +0x7b

goroutine 13 [select]:

github.com/ethereum/go-ethereum/accounts/keystore.(\*KeyStore).updater(0xc0002fa0f0)  
github.com/ethereum/go-ethereum/accounts/keystore/keystore.go:209 +0x87  
created by github.com/ethereum/go-ethereum/accounts/keystore.(\*KeyStore).Subscribe  
github.com/ethereum/go-ethereum/accounts/keystore/keystore.go:196 +0x115

goroutine 14 [select]:

github.com/syndtr/goleveldb/leveldb.(\*session).refLoop(0xc0002fa1e0)

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/session\_  
util.go:189 +0x5bb  
created by github.com/syndtr/goleveldb/leveldb.newSession

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/session.g  
o:93 +0x2de

goroutine 99 [select]:

github.com/syndtr/goleveldb/leveldb.(\*DB).compactionError(0xc0004e0c40)

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db\_comp  
action.go:91 +0x15e  
created by github.com/syndtr/goleveldb/leveldb.openDB

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db.go:14  
8 +0x4ef

goroutine 100 [select]:

github.com/syndtr/goleveldb/leveldb.(\*DB).mpoolDrain(0xc0004e0c40)

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db\_state.  
go:101 +0xae  
created by github.com/syndtr/goleveldb/leveldb.openDB

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db.go:14  
9 +0x531

goroutine 101 [select]:

github.com/syndtr/goleveldb/leveldb.(\*DB).tCompaction(0xc0004e0c40)

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db\_comp  
action.go:836 +0x685  
created by github.com/syndtr/goleveldb/leveldb.openDB

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db.go:15  
5 +0x5a7

goroutine 102 [select]:

github.com/syndtr/goleveldb/leveldb.(\*DB).mCompaction(0xc0004e0c40)

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db\_compaction.go:773 +0x119

created by github.com/syndtr/goleveldb/leveldb.openDB

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db.go:156 +0x5e9

goroutine 103 [select]:

github.com/ethereum/go-ethereum/ethdb/leveldb.(\*Database).meter(0xc00055c000, 0xc0002fa1e0)

github.com/ethereum/go-ethereum/ethdb/leveldb/leveldb.go:432 +0x17b3

created by github.com/ethereum/go-ethereum/ethdb/leveldb.NewCustom

github.com/ethereum/go-ethereum/ethdb/leveldb/leveldb.go:148 +0x812

goroutine 104 [select]:

github.com/ethereum/go-ethereum/core/rawdb.(\*freezer).freeze(0xc0000e61c0, {0x1624a28, 0xc00055c000})

github.com/ethereum/go-ethereum/core/rawdb/freezer.go:345 +0x1a7

github.com/ethereum/go-ethereum/core/rawdb.NewDatabaseWithFreezer.func1()

github.com/ethereum/go-ethereum/core/rawdb/database.go:205 +0x2a

created by github.com/ethereum/go-ethereum/core/rawdb.NewDatabaseWithFreezer

github.com/ethereum/go-ethereum/core/rawdb/database.go:204 +0x575

goroutine 105 [select]:

github.com/ethereum/go-ethereum/consensus/ethash.(\*remoteSealer).loop(0xc0002fad20)

github.com/ethereum/go-ethereum/consensus/ethash/sealer.go:279 +0x205

created by github.com/ethereum/go-ethereum/consensus/ethash.startRemoteSealer

github.com/ethereum/go-ethereum/consensus/ethash/sealer.go:263 +0x31e

goroutine 106 [select]:

github.com/ethereum/go-ethereum/core.(\*ChainIndexer).updateLoop(0xc0002fae10)

github.com/ethereum/go-ethereum/core/chain\_indexer.go:311 +0xcd

created by github.com/ethereum/go-ethereum/core.NewChainIndexer

github.com/ethereum/go-ethereum/core/chain\_indexer.go:119 +0x2db

goroutine 107 [chan receive]:

github.com/ethereum/go-ethereum/core/state/snapshot.(\*diskLayer).generate(0xc0001726c0, 0xc000124240)

github.com/ethereum/go-ethereum/core/state/snapshot/generate.go:748 +0x7ba

created by github.com/ethereum/go-ethereum/core/state/snapshot.generateSnapshot

github.com/ethereum/go-ethereum/core/state/snapshot/generate.go:168 +0x358

goroutine 108 [select]:

github.com/ethereum/go-ethereum/core.(\*BlockChain).update(0xc000861000)

github.com/ethereum/go-ethereum/core/blockchain.go:2222 +0xd9

created by github.com/ethereum/go-ethereum/core.NewBlockChain

github.com/ethereum/go-ethereum/core/blockchain.go:376 +0x1c05

goroutine 109 [select]:

github.com/ethereum/go-ethereum/core.(\*BlockChain).maintainTxIndex(0xc000861000, 0x0)

github.com/ethereum/go-ethereum/core/blockchain.go:2299 +0x236  
created by github.com/ethereum/go-ethereum/core.NewBlockChain  
github.com/ethereum/go-ethereum/core/blockchain.go:381 +0x1c85

goroutine 110 [select]:  
github.com/ethereum/go-ethereum/trie.(\*Database).SaveCachePeriodically(0x0,  
{0xc0000eaf50, 0x42}, 0x0, 0xc0005b0f00)  
github.com/ethereum/go-ethereum/trie/database.go:882 +0xf8  
github.com/ethereum/go-ethereum/core.NewBlockChain.func1()  
github.com/ethereum/go-ethereum/core/blockchain.go:393 +0x7d  
created by github.com/ethereum/go-ethereum/core.NewBlockChain  
github.com/ethereum/go-ethereum/core/blockchain.go:391 +0x1e35

goroutine 111 [select]:  
github.com/ethereum/go-ethereum/core.(\*ChainIndexer).eventLoop(0xc0002fae10,  
0xc00032d200, 0xc000288e40, {0x15fd938, 0xc00088a990})  
github.com/ethereum/go-ethereum/core/chain\_indexer.go:211 +0x267  
created by github.com/ethereum/go-ethereum/core.(\*ChainIndexer).Start  
github.com/ethereum/go-ethereum/core/chain\_indexer.go:152 +0x10f

goroutine 112 [select]:  
github.com/ethereum/go-ethereum/core.(\*TxPool).scheduleReorgLoop(0xc00013e000)  
github.com/ethereum/go-ethereum/core/tx\_pool.go:1097 +0x30c  
created by github.com/ethereum/go-ethereum/core.NewTxPool  
github.com/ethereum/go-ethereum/core/tx\_pool.go:312 +0x656

goroutine 113 [select]:  
github.com/ethereum/go-ethereum/core.(\*TxPool).loop(0xc00013e000)  
github.com/ethereum/go-ethereum/core/tx\_pool.go:356 +0x2d7  
created by github.com/ethereum/go-ethereum/core.NewTxPool  
github.com/ethereum/go-ethereum/core/tx\_pool.go:329 +0x913

goroutine 146 [select]:  
github.com/ethereum/go-ethereum/eth/downloader.(\*Downloader).stateFetcher(0xc0004  
e1340)  
github.com/ethereum/go-ethereum/eth/downloader/statesync.go:83 +0x9a  
created by github.com/ethereum/go-ethereum/eth/downloader.New  
github.com/ethereum/go-ethereum/eth/downloader/downloader.go:236 +0x51b

goroutine 147 [select]:  
github.com/ethereum/go-ethereum/miner.(\*worker).mainLoop(0xc00032d8c0)  
github.com/ethereum/go-ethereum/miner/worker.go:454 +0x30f  
created by github.com/ethereum/go-ethereum/miner.newWorker  
github.com/ethereum/go-ethereum/miner/worker.go:228 +0x708

goroutine 148 [select]:  
github.com/ethereum/go-ethereum/miner.(\*worker).newWorkLoop(0xc00032d8c0,  
0xb2d05e00)  
github.com/ethereum/go-ethereum/miner/worker.go:388 +0x25a  
created by github.com/ethereum/go-ethereum/miner.newWorker  
github.com/ethereum/go-ethereum/miner/worker.go:229 +0x753

goroutine 149 [select]:  
github.com/ethereum/go-ethereum/miner.(\*worker).resultLoop(0xc00032d8c0)

github.com/ethereum/go-ethereum/miner/worker.go:599 +0xb1  
created by github.com/ethereum/go-ethereum/miner.newWorker  
github.com/ethereum/go-ethereum/miner/worker.go:230 +0x795

goroutine 150 [select]:  
github.com/ethereum/go-ethereum/miner.(\*worker).taskLoop(0xc00032d8c0)  
github.com/ethereum/go-ethereum/miner/worker.go:564 +0xc7  
created by github.com/ethereum/go-ethereum/miner.newWorker  
github.com/ethereum/go-ethereum/miner/worker.go:231 +0x7db

goroutine 151 [select]:  
github.com/ethereum/go-ethereum/miner.(\*Miner).update(0xc000289800)  
github.com/ethereum/go-ethereum/miner/miner.go:99 +0x1fa  
created by github.com/ethereum/go-ethereum/miner.New  
github.com/ethereum/go-ethereum/miner/miner.go:78 +0x235

goroutine 152 [chan receive]:  
github.com/ethereum/go-ethereum/eth/gasprice.NewOracle.func1()  
github.com/ethereum/go-ethereum/eth/gasprice/gasprice.go:113 +0x93  
created by github.com/ethereum/go-ethereum/eth/gasprice.NewOracle  
github.com/ethereum/go-ethereum/eth/gasprice/gasprice.go:111 +0x73d

goroutine 153 [select]:  
github.com/ethereum/go-ethereum/eth/downloader.(\*PublicDownloaderAPI).eventLoop(0xc0000a1c40)  
github.com/ethereum/go-ethereum/eth/downloader/api.go:63 +0x207  
created by github.com/ethereum/go-ethereum/eth/downloader.NewPublicDownloaderAPI  
github.com/ethereum/go-ethereum/eth/downloader/api.go:49 +0x107

goroutine 154 [select]:  
github.com/ethereum/go-ethereum/eth/filters.(\*EventSystem).eventLoop(0xc0004ec790)  
github.com/ethereum/go-ethereum/eth/filters/filter\_system.go:459 +0x42c  
created by github.com/ethereum/go-ethereum/eth/filters.NewEventSystem  
github.com/ethereum/go-ethereum/eth/filters/filter\_system.go:138 +0x36f

goroutine 155 [chan receive]:  
github.com/ethereum/go-ethereum/eth/filters.(\*PublicFilterAPI).timeoutLoop(0xc000820b90, 0x0)  
github.com/ethereum/go-ethereum/eth/filters/api.go:82 +0x9b  
created by github.com/ethereum/go-ethereum/eth/filters.NewPublicFilterAPI  
github.com/ethereum/go-ethereum/eth/filters/api.go:70 +0x14f

goroutine 156 [select]:  
github.com/syndtr/goleveldb/leveldb.(\*session).refLoop(0xc0001f54a0)

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/session\_util.go:189 +0x5bb  
created by github.com/syndtr/goleveldb/leveldb.newSession

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/session.go:93 +0x2de

goroutine 157 [select]:  
github.com/syndtr/goleveldb/leveldb.(\*DB).compactionError(0xc0004e1880)

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db\_compaction.go:91 +0x15e  
created by github.com/syndtr/goleveldb/leveldb.openDB

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db.go:148 +0x4ef

goroutine 158 [select]:  
github.com/syndtr/goleveldb/leveldb.(\*DB).mpoolDrain(0xc0004e1880)

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db\_state.go:101 +0xae  
created by github.com/syndtr/goleveldb/leveldb.openDB

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db.go:149 +0x531

goroutine 159 [select]:  
github.com/syndtr/goleveldb/leveldb.(\*DB).tCompaction(0xc0004e1880)

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db\_compaction.go:836 +0x685  
created by github.com/syndtr/goleveldb/leveldb.openDB

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db.go:155 +0x5a7

goroutine 160 [select]:  
github.com/syndtr/goleveldb/leveldb.(\*DB).mCompaction(0xc0004e1880)

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db\_compaction.go:773 +0x119  
created by github.com/syndtr/goleveldb/leveldb.openDB

github.com/syndtr/goleveldb@v1.0.1-0.20210819022825-2ae1ddf74ef7/leveldb/db.go:156 +0x5e9

goroutine 162 [select]:  
github.com/ethereum/go-ethereum/p2p/nat.Map({0x1612070, 0xc00033c480}, 0xc0003e05a0, {0x13a8a0e, 0x3}, 0x7660, 0x7660, {0x13b251c, 0xc})  
github.com/ethereum/go-ethereum/p2p/nat/nat.go:113 +0x3fd  
github.com/ethereum/go-ethereum/p2p.(\*Server).setupListening.func1()  
github.com/ethereum/go-ethereum/p2p/server.go:673 +0x5e  
created by github.com/ethereum/go-ethereum/p2p.(\*Server).setupListening  
github.com/ethereum/go-ethereum/p2p/server.go:672 +0x1b7

goroutine 163 [IO wait]:  
internal/poll.runtime\_pollWait(0x7f1690dacf80, 0x72)  
runtime/netpoll.go:229 +0x89  
internal/poll.(\*pollDesc).wait(0xc000141280, 0xe0, 0x0)  
internal/poll/fd\_poll\_runtime.go:84 +0x32  
internal/poll.(\*pollDesc).waitRead(...)  
internal/poll/fd\_poll\_runtime.go:89

```
internal/poll.(*FD).Accept(0xc000141280)
  internal/poll/fd_unix.go:402 +0x22c
net.(*netFD).accept(0xc000141280)
  net/fd_unix.go:173 +0x35
net.(*TCPListener).accept(0xc00088aea0)
  net/tcpsock_posix.go:140 +0x28
net.(*TCPListener).Accept(0xc00088aea0)
  net/tcpsock.go:262 +0x3d
github.com/ethereum/go-ethereum/p2p.(*Server).listenLoop(0xc00042c280)
  github.com/ethereum/go-ethereum/p2p/server.go:862 +0x62c
created by github.com/ethereum/go-ethereum/p2p.(*Server).setupListening
  github.com/ethereum/go-ethereum/p2p/server.go:680 +0x20f

goroutine 360 [select]:
github.com/ethereum/go-ethereum/eth/protocols/eth.(*Peer).broadcastBlocks(0xc000856240)
  github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:49 +0xe5
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer
  github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:127 +0x3e9

goroutine 166 [select]:
github.com/ethereum/go-ethereum/p2p/nat.Map({0x1612070, 0xc00033c480},
0xc0003e05a0, {0x13a8a1d, 0x3}, 0x7660, 0x7660, {0x13b8e05, 0x12})
  github.com/ethereum/go-ethereum/p2p/nat/nat.go:113 +0x3fd
github.com/ethereum/go-ethereum/p2p.(*Server).setupDiscovery.func1()
  github.com/ethereum/go-ethereum/p2p/server.go:566 +0x5e
created by github.com/ethereum/go-ethereum/p2p.(*Server).setupDiscovery
  github.com/ethereum/go-ethereum/p2p/server.go:565 +0x36f

goroutine 451 [select]:
github.com/ethereum/go-ethereum/eth/protocols/eth.(*Peer).broadcastBlocks(0xc0023dc000)
  github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:49 +0xe5
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer
  github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:127 +0x3e9

goroutine 89 [IO wait]:
internal/poll.runtime_pollWait(0x7f1690dacbe0, 0x72)
  runtime/netpoll.go:229 +0x89
internal/poll.(*pollDesc).wait(0xc000626a80, 0xc000120290, 0x0)
  internal/poll/fd_poll_runtime.go:84 +0x32
internal/poll.(*pollDesc).waitRead(...)
  internal/poll/fd_poll_runtime.go:89
internal/poll.(*FD).ReadFrom(0xc000626a80, {0xc000120290, 0x10, 0x10})
  internal/poll/fd_unix.go:223 +0x238
net.(*netFD).readFrom(0xc000626a80, {0xc000120290, 0xc000626a98, 0xc000120260})
  net/fd_posix.go:62 +0x29
net.(*UDPConn).readFrom(0xc000256db8, {0xc000120290, 0xc000626a80,
0xc000120260}, 0xc000256e78)
  net/udpsock_posix.go:47 +0x3e
net.(*UDPConn).readFromUDP(0xc00011a130, {0xc000120290, 0x2263340,
0x2263340}, 0x0)
  net/udpsock.go:116 +0x31
net.(*UDPConn).ReadFromUDP(...)
```

net/udpsock.go:108  
github.com/jackpal/go-nat-pmp.(\*network).call(0xc0005ac108, {0xc000120260, 0x2, 0x2}, 0x0)

github.com/jackpal/go-nat-pmp@v1.0.2-0.20160603034137-1fa385a6f458/network.go:54 +0x38f  
github.com/jackpal/go-nat-pmp.(\*Client).rpc(0x18, {0xc000120260, 0x2, 0x2}, 0x0)

github.com/jackpal/go-nat-pmp@v1.0.2-0.20160603034137-1fa385a6f458/natpmp.go:104 +0x46  
github.com/jackpal/go-nat-pmp.(\*Client).GetExternalAddress(0x0)

github.com/jackpal/go-nat-pmp@v1.0.2-0.20160603034137-1fa385a6f458/natpmp.go:56 +0x50  
github.com/ethereum/go-ethereum/p2p/nat.discoverPMP.func1()  
github.com/ethereum/go-ethereum/p2p/nat/natpmp.go:73 +0xcf  
created by github.com/ethereum/go-ethereum/p2p/nat.discoverPMP  
github.com/ethereum/go-ethereum/p2p/nat/natpmp.go:71 +0x74

goroutine 418 [chan receive]:  
github.com/ethereum/go-ethereum/p2p/discover.(\*UDPv4).findnode(0xc0001727e0, {0x45, 0x7d, 0x1e, 0x70, 0x5f, 0x1a, 0x46, 0x4b, 0x39, ...}, ...)  
github.com/ethereum/go-ethereum/p2p/discover/v4\_udp.go:330 +0x285  
github.com/ethereum/go-ethereum/p2p/discover.(\*UDPv4).newLookup.func1(0x4b461a5f701e7d45)  
github.com/ethereum/go-ethereum/p2p/discover/v4\_udp.go:294 +0xa6  
github.com/ethereum/go-ethereum/p2p/discover.(\*lookup).query(0xc00063f710, 0xc007d9f050, 0xc0006a0a50)  
github.com/ethereum/go-ethereum/p2p/discover/lookup.go:143 +0xd8  
created by github.com/ethereum/go-ethereum/p2p/discover.(\*lookup).startQueries  
github.com/ethereum/go-ethereum/p2p/discover/lookup.go:125 +0x285

goroutine 384 [chan receive]:  
github.com/ethereum/go-ethereum/p2p/discover.(\*UDPv4).findnode(0xc0001727e0, {0x1f, 0x33, 0xee, 0x4c, 0x6f, 0x62, 0xfe, 0x9, 0x5b, ...}, ...)  
github.com/ethereum/go-ethereum/p2p/discover/v4\_udp.go:330 +0x285  
github.com/ethereum/go-ethereum/p2p/discover.(\*UDPv4).newLookup.func1(0x9fe626f4cee331f)  
github.com/ethereum/go-ethereum/p2p/discover/v4\_udp.go:294 +0xa6  
github.com/ethereum/go-ethereum/p2p/discover.(\*lookup).query(0xc00063f710, 0xc003df21b0, 0xc0006a0a50)  
github.com/ethereum/go-ethereum/p2p/discover/lookup.go:143 +0xd8  
created by github.com/ethereum/go-ethereum/p2p/discover.(\*lookup).startQueries  
github.com/ethereum/go-ethereum/p2p/discover/lookup.go:125 +0x285

goroutine 116 [select]:  
github.com/ethereum/go-ethereum/p2p/discover.(\*Table).loop(0xc000505e00)  
github.com/ethereum/go-ethereum/p2p/discover/table.go:236 +0x2fe  
created by github.com/ethereum/go-ethereum/p2p/discover.ListenV4  
github.com/ethereum/go-ethereum/p2p/discover/v4\_udp.go:150 +0x37f

goroutine 117 [select]:  
github.com/ethereum/go-ethereum/p2p/discover.(\*UDPv4).loop(0xc0001727e0)  
github.com/ethereum/go-ethereum/p2p/discover/v4\_udp.go:445 +0x2f1

created by github.com/ethereum/go-ethereum/p2p/discover.ListenV4  
github.com/ethereum/go-ethereum/p2p/discover/v4\_udp.go:153 +0x3d4

goroutine 118 [IO wait]:

internal/poll.runtime\_pollWait(0x7f1690dace98, 0x72)  
runtime/netpoll.go:229 +0x89  
internal/poll.(\*pollDesc).wait(0xc000141300, 0xc00046a500, 0x0)  
internal/poll/fd\_poll\_runtime.go:84 +0x32  
internal/poll.(\*pollDesc).waitRead(...)  
internal/poll/fd\_poll\_runtime.go:89  
internal/poll.(\*FD).ReadFrom(0xc000141300, {0xc00046a500, 0x500, 0x500})  
internal/poll/fd\_unix.go:223 +0x238  
net.(\*netFD).readFrom(0xc000141300, {0xc00046a500, 0x0, 0xb6a0e49f2917f22c})  
net/fd\_posix.go:62 +0x29  
net.(\*UDPConn).readFrom(0xc003380000, {0xc00046a500, 0x0, 0x18f46812adfdf84},  
0xc005194e10)  
net/udpsock\_posix.go:47 +0x3e  
net.(\*UDPConn).readFromUDP(0xc0000105b8, {0xc00046a500, 0xc005194d80,  
0xc0051d2880}, 0x40)  
net/udpsock.go:116 +0x31  
net.(\*UDPConn).ReadFromUDP(0xc0001727e0, {0xc00046a500, 0x500, 0x500})  
net/udpsock.go:108 +0x50  
github.com/ethereum/go-ethereum/p2p/discover.(\*UDPv4).readLoop(0xc0001727e0,  
0x0)  
github.com/ethereum/go-ethereum/p2p/discover/v4\_udp.go:522 +0xf4  
created by github.com/ethereum/go-ethereum/p2p/discover.ListenV4  
github.com/ethereum/go-ethereum/p2p/discover/v4\_udp.go:154 +0x43d

goroutine 119 [select]:

github.com/ethereum/go-ethereum/p2p/discover.(\*lookup).advance(0xc00063f710)  
github.com/ethereum/go-ethereum/p2p/discover/lookup.go:70 +0xbc  
github.com/ethereum/go-ethereum/p2p/discover.(\*lookupIterator).Next(0xc0006ae100)  
github.com/ethereum/go-ethereum/p2p/discover/lookup.go:214 +0xaa  
github.com/ethereum/go-ethereum/p2p/enode.(\*FairMix).runSource(0xc0003fc840,  
0xc0003e0fc0, 0xc0006b0140)  
github.com/ethereum/go-ethereum/p2p/enode/iter.go:279 +0xbb  
created by github.com/ethereum/go-ethereum/p2p/enode.(\*FairMix).AddSource  
github.com/ethereum/go-ethereum/p2p/enode/iter.go:180 +0x245

goroutine 120 [select]:

github.com/ethereum/go-ethereum/p2p/enode.(\*FairMix).Next(0xc0003fc840)  
github.com/ethereum/go-ethereum/p2p/enode/iter.go:217 +0x176  
github.com/ethereum/go-ethereum/p2p.(\*dialScheduler).readNodes(0xc0006e0000,  
{0x1600e40, 0xc0003fc840})  
github.com/ethereum/go-ethereum/p2p/dial.go:322 +0x9f  
created by github.com/ethereum/go-ethereum/p2p.newDialScheduler  
github.com/ethereum/go-ethereum/p2p/dial.go:180 +0x425

goroutine 121 [select]:

github.com/ethereum/go-ethereum/p2p.(\*dialScheduler).loop(0xc0006e0000,  
{0x1600e40, 0xc0003fc840})  
github.com/ethereum/go-ethereum/p2p/dial.go:243 +0x2ba  
created by github.com/ethereum/go-ethereum/p2p.newDialScheduler  
github.com/ethereum/go-ethereum/p2p/dial.go:181 +0x496



goroutine 122 [select]:

```
github.com/ethereum/go-ethereum/p2p.(*Server).run(0xc00042c280)
  github.com/ethereum/go-ethereum/p2p/server.go:714 +0x4cc
created by github.com/ethereum/go-ethereum/p2p.(*Server).Start
  github.com/ethereum/go-ethereum/p2p/server.go:487 +0x46f
```

goroutine 385 [chan receive]:

```
github.com/ethereum/go-ethereum/p2p/discover.(*UDPv4).findnode(0xc0001727e0,
{0x16, 0x29, 0xa4, 0xd9, 0x46, 0xaa, 0x36, 0x89, 0x20, ...}, ...)
  github.com/ethereum/go-ethereum/p2p/discover/v4_udp.go:330 +0x285
github.com/ethereum/go-ethereum/p2p/discover.(*UDPv4).newLookup.func1(0x8936aa4
6d9a42916)
  github.com/ethereum/go-ethereum/p2p/discover/v4_udp.go:294 +0xa6
github.com/ethereum/go-ethereum/p2p/discover.(*lookup).query(0xc00063f710,
0xc000172cf0, 0xc0006a0a50)
  github.com/ethereum/go-ethereum/p2p/discover/lookup.go:143 +0xd8
created by github.com/ethereum/go-ethereum/p2p/discover.(*lookup).startQueries
  github.com/ethereum/go-ethereum/p2p/discover/lookup.go:125 +0x285
```

goroutine 123 [IO wait]:

```
internal/poll.runtime_pollWait(0x7f1690dac758, 0x72)
  runtime/netpoll.go:229 +0x89
internal/poll.(*pollDesc).wait(0xc000524100, 0x0, 0x0)
  internal/poll/fd_poll_runtime.go:84 +0x32
internal/poll.(*pollDesc).waitRead(...)
  internal/poll/fd_poll_runtime.go:89
internal/poll.(*FD).Accept(0xc000524100)
  internal/poll/fd_unix.go:402 +0x22c
net.(*netFD).accept(0xc000524100)
  net/fd_unix.go:173 +0x35
net.(*UnixListener).accept(0x0)
  net/unixsock_posix.go:167 +0x1c
net.(*UnixListener).Accept(0xc000516c60)
  net/unixsock.go:260 +0x3d
github.com/ethereum/go-ethereum/rpc.(*Server).ServeListener(0xc0006a5ad0,
{0x1601680, 0xc000516c60})
  github.com/ethereum/go-ethereum/rpc/ipc.go:30 +0x5b
created by github.com/ethereum/go-ethereum/rpc.StartIPCEndpoint
  github.com/ethereum/go-ethereum/rpc/endpoints.go:50 +0x206
```

goroutine 124 [select]:

```
github.com/ethereum/go-ethereum/eth/protocols/eth.StartENRUpdater.func1()
  github.com/ethereum/go-ethereum/eth/protocols/eth/discovery.go:48 +0x125
created by github.com/ethereum/go-ethereum/eth/protocols/eth.StartENRUpdater
  github.com/ethereum/go-ethereum/eth/protocols/eth/discovery.go:45 +0xdf
```

goroutine 125 [select]:

```
github.com/ethereum/go-ethereum/eth.(*Ethereum).startBloomHandlers.func1()
  github.com/ethereum/go-ethereum/eth/bloombits.go:50 +0xd2
created by github.com/ethereum/go-ethereum/eth.(*Ethereum).startBloomHandlers
  github.com/ethereum/go-ethereum/eth/bloombits.go:48 +0x39
```

goroutine 126 [select]:



github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers.func1()  
github.com/ethereum/go-ethereum/eth/bloombits.go:50 +0xd2  
created by github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers  
github.com/ethereum/go-ethereum/eth/bloombits.go:48 +0x39

goroutine 184 [select]:

github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers.func1()  
github.com/ethereum/go-ethereum/eth/bloombits.go:50 +0xd2  
created by github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers  
github.com/ethereum/go-ethereum/eth/bloombits.go:48 +0x39

goroutine 185 [select]:

github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers.func1()  
github.com/ethereum/go-ethereum/eth/bloombits.go:50 +0xd2  
created by github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers  
github.com/ethereum/go-ethereum/eth/bloombits.go:48 +0x39

goroutine 186 [select]:

github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers.func1()  
github.com/ethereum/go-ethereum/eth/bloombits.go:50 +0xd2  
created by github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers  
github.com/ethereum/go-ethereum/eth/bloombits.go:48 +0x39

goroutine 187 [select]:

github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers.func1()  
github.com/ethereum/go-ethereum/eth/bloombits.go:50 +0xd2  
created by github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers  
github.com/ethereum/go-ethereum/eth/bloombits.go:48 +0x39

goroutine 188 [select]:

github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers.func1()  
github.com/ethereum/go-ethereum/eth/bloombits.go:50 +0xd2  
created by github.com/ethereum/go-ethereum/eth.(\*Ethereum).startBloomHandlers  
github.com/ethereum/go-ethereum/eth/bloombits.go:48 +0x39

goroutine 189 [select]:

github.com/ethereum/go-ethereum/eth.(\*handler).txBroadcastLoop(0xc00055c200)  
github.com/ethereum/go-ethereum/eth/handler.go:524 +0x11e  
created by github.com/ethereum/go-ethereum/eth.(\*handler).Start  
github.com/ethereum/go-ethereum/eth/handler.go:401 +0xf3

goroutine 190 [chan receive]:

github.com/ethereum/go-ethereum/eth.(\*handler).minedBroadcastLoop(0xc00055c200)  
github.com/ethereum/go-ethereum/eth/handler.go:512 +0x8a  
created by github.com/ethereum/go-ethereum/eth.(\*handler).Start  
github.com/ethereum/go-ethereum/eth/handler.go:406 +0x1a8

goroutine 191 [select]:

github.com/ethereum/go-ethereum/eth.(\*chainSyncer).loop(0xc0002ac900)  
github.com/ethereum/go-ethereum/eth/sync.go:119 +0x275  
created by github.com/ethereum/go-ethereum/eth.(\*handler).Start  
github.com/ethereum/go-ethereum/eth/handler.go:410 +0x20f

goroutine 192 [chan receive]:

github.com/ethereum/go-ethereum/cmd/utils.StartNode.func1()  
github.com/ethereum/go-ethereum/cmd/utils/cmd.go:88 +0x2b1  
created by github.com/ethereum/go-ethereum/cmd/utils.StartNode  
github.com/ethereum/go-ethereum/cmd/utils/cmd.go:73 +0xbe

goroutine 67 [select]:  
github.com/ethereum/go-ethereum/p2p/enode.(\*DB).expirer(0xc0000a1e40)  
github.com/ethereum/go-ethereum/p2p/enode/nodedb.go:315 +0xd6  
created by github.com/ethereum/go-ethereum/p2p/enode.(\*DB).ensureExpirer.func1  
github.com/ethereum/go-ethereum/p2p/enode/nodedb.go:306 +0x5f

goroutine 193 [chan receive]:  
github.com/ethereum/go-ethereum/rpc.(\*Server).ServeCodec(0xc000506780,  
{0x1618138, 0xc0006a0a50}, 0x0)  
github.com/ethereum/go-ethereum/rpc/server.go:87 +0x169  
created by github.com/ethereum/go-ethereum/rpc.DialInProc.func1  
github.com/ethereum/go-ethereum/rpc/inproc.go:29 +0xcf

goroutine 194 [select]:  
github.com/ethereum/go-ethereum/rpc.(\*Client).dispatch(0xc000524380, {0x1618138,  
0xc0006a0af0})  
github.com/ethereum/go-ethereum/rpc/client.go:561 +0x2cc  
created by github.com/ethereum/go-ethereum/rpc.initClient  
github.com/ethereum/go-ethereum/rpc/client.go:223 +0x305

goroutine 195 [chan receive]:  
main.startNode.func1()  
github.com/ethereum/go-ethereum/cmd/geth/main.go:350 +0x89  
created by main.startNode  
github.com/ethereum/go-ethereum/cmd/geth/main.go:342 +0x18f

goroutine 210 [semacquire]:  
sync.runtime\_Semacquire(0x0)  
runtime/sema.go:56 +0x25  
sync.(\*WaitGroup).Wait(0x206b7e0)  
sync/waitgroup.go:130 +0x71  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset({0x7f1604000008,  
0xffffe20, 0xffffe20}, 0xffffe22, {0xc000d3a000, 0x3fffb0, 0x3fffb0})  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:333 +0x425  
github.com/ethereum/go-ethereum/consensus/ethash.(\*dataset).generate.func1.1({0x7f1  
604000008, 0x3a, 0x242})  
github.com/ethereum/go-ethereum/consensus/ethash/ethash.go:357 +0x31  
github.com/ethereum/go-ethereum/consensus/ethash.memoryMapAndGenerate({0xc000  
2263f0, 0x27}, 0x3ffff880, 0xc0, 0xc000018bf8)  
github.com/ethereum/go-ethereum/consensus/ethash/ethash.go:151 +0x1f3  
github.com/ethereum/go-ethereum/consensus/ethash.(\*dataset).generate.func1()  
github.com/ethereum/go-ethereum/consensus/ethash/ethash.go:357 +0x64c  
sync.(\*Once).doSlow(0x1192be0, 0x15d5480)  
sync/once.go:68 +0xd2  
sync.(\*Once).Do(...)  
sync/once.go:59  
github.com/ethereum/go-ethereum/consensus/ethash.(\*dataset).generate(0xc000124080  
, {0xc0002d75a0, 0xc000018f30}, 0xc00011efe0, 0xe0, 0xed)  
github.com/ethereum/go-ethereum/consensus/ethash/ethash.go:311 +0x85

github.com/ethereum/go-ethereum/consensus/ethash.(\*Ethash).dataset(0xc0005d49a0, 0xe1e7d74ecf09c3c0, 0x0)

github.com/ethereum/go-ethereum/consensus/ethash/ethash.go:603 +0x148  
github.com/ethereum/go-ethereum/consensus/ethash.(\*Ethash).mine(0xc0005d49a0, 0xc0002346c0, 0xa86f16, 0x1ccc7f2394c04ea1, 0xc0002185a0, 0xc000218600)  
github.com/ethereum/go-ethereum/consensus/ethash/sealer.go:139 +0x134  
github.com/ethereum/go-ethereum/consensus/ethash.(\*Ethash).Seal.func1(0xa756059f, 0x0)  
github.com/ethereum/go-ethereum/consensus/ethash/sealer.go:99 +0x74  
created by github.com/ethereum/go-ethereum/consensus/ethash.(\*Ethash).Seal  
github.com/ethereum/go-ethereum/consensus/ethash/sealer.go:97 +0x69c

goroutine 197 [chan receive]:

github.com/ethereum/go-ethereum/rpc.(\*Server).ServeCodec(0xc000506780, {0x1618138, 0xc0006a0b90}, 0x0)  
github.com/ethereum/go-ethereum/rpc/server.go:87 +0x169  
created by github.com/ethereum/go-ethereum/rpc.DialInProc.func1  
github.com/ethereum/go-ethereum/rpc/inproc.go:29 +0xcf

goroutine 198 [select]:

github.com/ethereum/go-ethereum/rpc.(\*Client).dispatch(0xc000524500, {0x1618138, 0xc0006a0c30})  
github.com/ethereum/go-ethereum/rpc/client.go:561 +0x2cc  
created by github.com/ethereum/go-ethereum/rpc.initClient  
github.com/ethereum/go-ethereum/rpc/client.go:223 +0x305

goroutine 199 [select]:

github.com/ethereum/go-ethereum/internal/jsre.(\*JSRE).runEventLoop(0xc0006af880)  
github.com/ethereum/go-ethereum/internal/jsre/jsre.go:173 +0x425  
created by github.com/ethereum/go-ethereum/internal/jsre.New  
github.com/ethereum/go-ethereum/internal/jsre/jsre.go:79 +0x195

goroutine 68 [select]:

github.com/ethereum/go-ethereum/eth/fetcher.(\*BlockFetcher).loop(0xc0005d5420)  
github.com/ethereum/go-ethereum/eth/fetcher/block\_fetcher.go:379 +0x367  
created by github.com/ethereum/go-ethereum/eth/fetcher.(\*BlockFetcher).Start  
github.com/ethereum/go-ethereum/eth/fetcher/block\_fetcher.go:231 +0x5b

goroutine 69 [select]:

github.com/ethereum/go-ethereum/eth/fetcher.(\*TxFetcher).loop(0xc0004ec6e0)  
github.com/ethereum/go-ethereum/eth/fetcher/tx\_fetcher.go:355 +0x165  
created by github.com/ethereum/go-ethereum/eth/fetcher.(\*TxFetcher).Start  
github.com/ethereum/go-ethereum/eth/fetcher/tx\_fetcher.go:337 +0x5b

goroutine 64 [select]:

github.com/ethereum/go-ethereum/rpc.(\*Client).dispatch(0xc00023ac80, {0x1618138, 0xc0006a0b90})  
github.com/ethereum/go-ethereum/rpc/client.go:561 +0x2cc  
created by github.com/ethereum/go-ethereum/rpc.initClient  
github.com/ethereum/go-ethereum/rpc/client.go:223 +0x305

goroutine 70 [sleep]:

time.Sleep(0xdf8475800)  
runtime/time.go:193 +0x12e

```
github.com/ethereum/go-ethereum/cmd/utils.monitorFreeDiskSpace(0x1493388,
{0xc0008c6a00, 0x38}, 0x10000000)
  github.com/ethereum/go-ethereum/cmd/utils/cmd.go:116 +0x57
created by github.com/ethereum/go-ethereum/cmd/utils.StartNode.func1
  github.com/ethereum/go-ethereum/cmd/utils/cmd.go:85 +0x2a5

goroutine 65 [select]:
net.(*pipe).read(0xc000524400, {0xc000039201, 0x5ff, 0x114e9c0})
  net/pipe.go:159 +0x15b
net.(*pipe).Read(0x2e, {0xc000039201, 0x5616c5, 0xc000173950})
  net/pipe.go:142 +0x25
encoding/json.(*Decoder).refill(0xc00031c500)
  encoding/json/stream.go:165 +0x17f
encoding/json.(*Decoder).readValue(0xc00031c500)
  encoding/json/stream.go:140 +0xbb
encoding/json.(*Decoder).Decode(0xc00031c500, {0x1203100, 0xc00222f350})
  encoding/json/stream.go:63 +0x78
github.com/ethereum/go-ethereum/rpc.(*jsonCodec).readBatch(0xc0006a0b90)
  github.com/ethereum/go-ethereum/rpc/json.go:209 +0x4d
github.com/ethereum/go-ethereum/rpc.(*Client).read(0xc00023ac80, {0x1618138,
0xc0006a0b90})
  github.com/ethereum/go-ethereum/rpc/client.go:634 +0xb7
created by github.com/ethereum/go-ethereum/rpc.(*Client).dispatch
  github.com/ethereum/go-ethereum/rpc/client.go:558 +0x165

goroutine 71 [select]:
github.com/ethereum/go-ethereum/rpc.(*Client).dispatch(0xc0008e4080, {0x1618138,
0xc0006a0a50})
  github.com/ethereum/go-ethereum/rpc/client.go:561 +0x2cc
created by github.com/ethereum/go-ethereum/rpc.initClient
  github.com/ethereum/go-ethereum/rpc/client.go:223 +0x305

goroutine 72 [select]:
net.(*pipe).read(0xc000524280, {0xc0008ee200, 0x200, 0x463cd2})
  net/pipe.go:159 +0x15b
net.(*pipe).Read(0x1618138, {0xc0008ee200, 0x8d5a86, 0xc0008e4080})
  net/pipe.go:142 +0x25
encoding/json.(*Decoder).refill(0xc00031c280)
  encoding/json/stream.go:165 +0x17f
encoding/json.(*Decoder).readValue(0xc00031c280)
  encoding/json/stream.go:140 +0xbb
encoding/json.(*Decoder).Decode(0xc00031c280, {0x1203100, 0xc000136498})
  encoding/json/stream.go:63 +0x78
github.com/ethereum/go-ethereum/rpc.(*jsonCodec).readBatch(0xc0006a0a50)
  github.com/ethereum/go-ethereum/rpc/json.go:209 +0x4d
github.com/ethereum/go-ethereum/rpc.(*Client).read(0xc0008e4080, {0x1618138,
0xc0006a0a50})
  github.com/ethereum/go-ethereum/rpc/client.go:634 +0xb7
created by github.com/ethereum/go-ethereum/rpc.(*Client).dispatch
  github.com/ethereum/go-ethereum/rpc/client.go:558 +0x165

goroutine 73 [select]:
net.(*pipe).read(0xc000524300, {0xc0008ee400, 0x200, 0x463cd2})
  net/pipe.go:159 +0x15b
```

```
net.(*pipe).Read(0x1618138, {0xc0008ee400, 0x8d5a86, 0xc000524380})
  net/pipe.go:142 +0x25
encoding/json.(*Decoder).refill(0xc00031c3c0)
  encoding/json/stream.go:165 +0x17f
encoding/json.(*Decoder).readValue(0xc00031c3c0)
  encoding/json/stream.go:140 +0xbb
encoding/json.(*Decoder).Decode(0xc00031c3c0, {0x1203100, 0xc0001364c8})
  encoding/json/stream.go:63 +0x78
github.com/ethereum/go-ethereum/rpc.(*jsonCodec).readBatch(0xc0006a0af0)
  github.com/ethereum/go-ethereum/rpc/json.go:209 +0x4d
github.com/ethereum/go-ethereum/rpc.(*Client).read(0xc000524380, {0x1618138,
0xc0006a0af0})
  github.com/ethereum/go-ethereum/rpc/client.go:634 +0xb7
created by github.com/ethereum/go-ethereum/rpc.(*Client).dispatch
  github.com/ethereum/go-ethereum/rpc/client.go:558 +0x165
```

goroutine 74 [select]:

```
net.(*pipe).read(0xc000524480, {0xc000039801, 0x5ff, 0x114e9c0})
  net/pipe.go:159 +0x15b
net.(*pipe).Read(0xac, {0xc000039801, 0x5616c5, 0xc0001739e0})
  net/pipe.go:142 +0x25
encoding/json.(*Decoder).refill(0xc00031c640)
  encoding/json/stream.go:165 +0x17f
encoding/json.(*Decoder).readValue(0xc00031c640)
  encoding/json/stream.go:140 +0xbb
encoding/json.(*Decoder).Decode(0xc00031c640, {0x1203100, 0xc00222f3e0})
  encoding/json/stream.go:63 +0x78
github.com/ethereum/go-ethereum/rpc.(*jsonCodec).readBatch(0xc0006a0c30)
  github.com/ethereum/go-ethereum/rpc/json.go:209 +0x4d
github.com/ethereum/go-ethereum/rpc.(*Client).read(0xc000524500, {0x1618138,
0xc0006a0c30})
  github.com/ethereum/go-ethereum/rpc/client.go:634 +0xb7
created by github.com/ethereum/go-ethereum/rpc.(*Client).dispatch
  github.com/ethereum/go-ethereum/rpc/client.go:558 +0x165
```

goroutine 211 [select]:

```
github.com/ethereum/go-ethereum/consensus/ethash.(*Ethash).Seal.func2()
  github.com/ethereum/go-ethereum/consensus/ethash/sealer.go:105 +0x105
created by github.com/ethereum/go-ethereum/consensus/ethash.(*Ethash).Seal
  github.com/ethereum/go-ethereum/consensus/ethash/sealer.go:103 +0x933
```

goroutine 242 [select]:

```
github.com/ethereum/go-ethereum/p2p.(*Peer).pingLoop(0xc000853c20)
  github.com/ethereum/go-ethereum/p2p/peer.go:292 +0x125
created by github.com/ethereum/go-ethereum/p2p.(*Peer).run
  github.com/ethereum/go-ethereum/p2p/peer.go:246 +0x145
```

goroutine 226 [select]:

```
github.com/peterh/liner.(*State).readNext(0xc00031d680)
  github.com/peterh/liner@v1.1.1-0.20190123174540-a2c9a5303de7/input.go:137
+0x13a
github.com/peterh/liner.(*State).PromptWithSuggestion(0xc00031d680, {0x13a82b2,
0x2}, {0x0, 0x0}, 0x0)
  github.com/peterh/liner@v1.1.1-0.20190123174540-a2c9a5303de7/line.go:650
```

```
+0x78c
github.com/peterh/liner.(*State).Prompt(...)
  github.com/peterh/liner@v1.1.1-0.20190123174540-a2c9a5303de7/line.go:594
github.com/ethereum/go-ethereum/console/prompt.(*terminalPrompter).PromptInput(0xc
0003493e0, {0x13a82b2, 0x2})
  github.com/ethereum/go-ethereum/console/prompt/prompter.go:119 +0x19a
github.com/ethereum/go-ethereum/console.(*Console).readLines(0xc000118850,
0xc0002344a8, 0xc00225e190, 0xc0004807b0)
  github.com/ethereum/go-ethereum/console/console.go:420 +0x7d
created by github.com/ethereum/go-ethereum/console.(*Console).Interactive
  github.com/ethereum/go-ethereum/console/console.go:363 +0x1ef
```

```
goroutine 227 [syscall]:
syscall.Syscall(0x0, 0x0, 0xc0004dc000, 0x1000)
  syscall/asm_linux_amd64.s:20 +0x5
syscall.read(0xc0000ae060, {0xc0004dc000, 0x0, 0xc000131d40})
  syscall/zsyscall_linux_amd64.go:687 +0x4d
syscall.Read(...)
  syscall/syscall_unix.go:189
internal/poll.ignoringEINTRIO(...)
  internal/poll/fd_unix.go:582
internal/poll.(*FD).Read(0xc0000ae060, {0xc0004dc000, 0x1000, 0x1000})
  internal/poll/fd_unix.go:163 +0x285
os.(*File).read(...)
  os/file_posix.go:32
os.(*File).Read(0xc000010010, {0xc0004dc000, 0x104c75d, 0xc0003493e0})
  os/file.go:119 +0x5e
bufio.(*Reader).fill(0xc00033b800)
  bufio/bufio.go:101 +0x103
bufio.(*Reader).ReadRune(0xc00033b800)
  bufio/bufio.go:288 +0x25
github.com/peterh/liner.(*State).restartPrompt.func1()
  github.com/peterh/liner@v1.1.1-0.20190123174540-a2c9a5303de7/input.go:94 +0x3a
created by github.com/peterh/liner.(*State).restartPrompt
  github.com/peterh/liner@v1.1.1-0.20190123174540-a2c9a5303de7/input.go:91 +0x8f
```

```
goroutine 16 [IO wait]:
internal/poll.runtime_pollWait(0x7f1690dac670, 0x72)
  runtime/netpoll.go:229 +0x89
internal/poll.(*pollDesc).wait(0xc002204780, 0xc000664000, 0x0)
  internal/poll/fd_poll_runtime.go:84 +0x32
internal/poll.(*pollDesc).waitRead(...)
  internal/poll/fd_poll_runtime.go:89
internal/poll.(*FD).Read(0xc002204780, {0xc000664000, 0x200, 0x200})
  internal/poll/fd_unix.go:167 +0x25a
net.(*netFD).Read(0xc002204780, {0xc000664000, 0x45e5f3, 0xc00003a600})
  net/fd_posix.go:56 +0x29
net.(*conn).Read(0xc0000107f0, {0xc000664000, 0x44f340, 0xc000450b60})
  net/net.go:183 +0x45
io.ReadAtLeast({0x15f03a0, 0xc0000107f0}, {0xc000664000, 0x200, 0x200}, 0x20)
  io/io.go:328 +0x9a
github.com/ethereum/go-ethereum/p2p/rpx.(*readBuffer).read(0xc00012cd80,
{0x15f03a0, 0xc0000107f0}, 0x20)
  github.com/ethereum/go-ethereum/p2p/rpx/buffer.go:64 +0x1d8
```



```
github.com/ethereum/go-ethereum/p2p/rlp.(*sessionState).readFrame(0xc00012cc80,
{0x15f03a0, 0xc0000107f0})
  github.com/ethereum/go-ethereum/p2p/rlp/rlp.go:166 +0x107
github.com/ethereum/go-ethereum/p2p/rlp.(*Conn).Read(0xc00061cfa0)
  github.com/ethereum/go-ethereum/p2p/rlp/rlp.go:136 +0x5a
github.com/ethereum/go-ethereum/p2p.(*rlpxTransport).ReadMsg(0xc000616800)
  github.com/ethereum/go-ethereum/p2p/transport.go:64 +0x145
github.com/ethereum/go-ethereum/p2p.(*Peer).readLoop(0xc000853c20, 0xc000853c20)
  github.com/ethereum/go-ethereum/p2p/peer.go:308 +0xd0
created by github.com/ethereum/go-ethereum/p2p.(*Peer).run
  github.com/ethereum/go-ethereum/p2p/peer.go:245 +0xf8
```

goroutine 15 [select]:

```
github.com/ethereum/go-ethereum/p2p.(*Peer).run(0xc000853c20)
  github.com/ethereum/go-ethereum/p2p/peer.go:255 +0x25f
github.com/ethereum/go-ethereum/p2p.(*Server).runPeer(0xc00042c280,
0xc000853c20)
  github.com/ethereum/go-ethereum/p2p/server.go:1039 +0x1b3
created by github.com/ethereum/go-ethereum/p2p.(*Server).launchPeer
  github.com/ethereum/go-ethereum/p2p/server.go:1022 +0xde
```

goroutine 243 [select]:

```
github.com/ethereum/go-ethereum/p2p.(*protoRW).ReadMsg(0xc0004de460)
  github.com/ethereum/go-ethereum/p2p/peer.go:464 +0xc5
github.com/ethereum/go-ethereum/eth/protocols/eth.handleMessage({0x1621990,
0xc00055c200}, 0xc000452000)
  github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:195 +0x88
github.com/ethereum/go-ethereum/eth/protocols/eth.Handle({0x1621990,
0xc00055c200}, 0xc000452000)
  github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:161 +0x3d
github.com/ethereum/go-ethereum/eth/protocols/eth.MakeProtocols.func1.1(0xc00000c1
e0)
  github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:118 +0x27
github.com/ethereum/go-ethereum/eth.(*handler).runEthPeer(0xc00055c200,
0xc000452000, 0xc00000e3d8)
  github.com/ethereum/go-ethereum/eth/handler.go:337 +0x1028
github.com/ethereum/go-ethereum/eth.(*ethHandler).RunPeer(0x42,      0xc000853c20,
0x15fdcd0)
  github.com/ethereum/go-ethereum/eth/handler_eth.go:45 +0x19
github.com/ethereum/go-ethereum/eth/protocols/eth.MakeProtocols.func1(0x0,
{0x15fdcd0, 0xc0004de460})
  github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:117 +0x122
github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols.func1()
  github.com/ethereum/go-ethereum/p2p/peer.go:407 +0x8c
created by github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols
  github.com/ethereum/go-ethereum/p2p/peer.go:405 +0xb3
```

goroutine 244 [select]:

```
github.com/ethereum/go-ethereum/p2p.(*protoRW).ReadMsg(0xc0004de500)
  github.com/ethereum/go-ethereum/p2p/peer.go:464 +0xc5
github.com/ethereum/go-ethereum/eth/protocols/snap.handleMessage({0x1611a88,
0xc00055c200}, 0xc00033c700)
  github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:135 +0x84
github.com/ethereum/go-ethereum/eth/protocols/snap.handle({0x1611a88,
```

0xc00055c200}, 0xc00033c700)  
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:123 +0x3d  
github.com/ethereum/go-ethereum/eth/protocols/snap.MakeProtocols.func2.1(0xc0002d8a80)  
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:103 +0x27  
github.com/ethereum/go-ethereum/eth.(\*handler).runSnapExtension(0xc00055c200, 0xc00033c700, 0xc00000e3a8)  
github.com/ethereum/go-ethereum/eth/handler.go:352 +0x1c4  
github.com/ethereum/go-ethereum/eth.(\*snapHandler).RunPeer(0x1, 0xc000853c20, 0x15fdcd0)  
github.com/ethereum/go-ethereum/eth/handler\_snap.go:33 +0x19  
github.com/ethereum/go-ethereum/eth/protocols/snap.MakeProtocols.func2(0x0, {0x15fdcd0, 0xc0004de500})  
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:102 +0xa2  
github.com/ethereum/go-ethereum/p2p.(\*Peer).startProtocols.func1()  
github.com/ethereum/go-ethereum/p2p/peer.go:407 +0x8c  
created by github.com/ethereum/go-ethereum/p2p.(\*Peer).startProtocols  
github.com/ethereum/go-ethereum/p2p/peer.go:405 +0xb3

goroutine 245 [select]:  
github.com/ethereum/go-ethereum/eth/protocols/eth.(\*Peer).broadcastBlocks(0xc000452000)  
github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:49 +0xe5  
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer  
github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:127 +0x3e9

goroutine 246 [select]:  
github.com/ethereum/go-ethereum/eth/protocols/eth.(\*Peer).broadcastTransactions(0xc000452000)  
github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:110 +0x1a5  
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer  
github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:128 +0x42f

goroutine 247 [select]:  
github.com/ethereum/go-ethereum/eth/protocols/eth.(\*Peer).announceTransactions(0xc000452000)  
github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:177 +0x18d  
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer  
github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:129 +0x471

goroutine 213 [runnable]:  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x0)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 214 [runnable]:  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x1)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 215 [runnable]:  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x2)

github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 216 [running]:  
goroutine running on other thread; stack unavailable  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 217 [runnable]:  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x4)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 218 [runnable]:  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x5)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 219 [runnable]:  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x6)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 220 [runnable]:  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x7)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 222 [runnable]:  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x9)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 223 [running]:  
goroutine running on other thread; stack unavailable  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 224 [runnable]:  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0xb)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 225 [runnable]:  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0xc)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset

github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 258 [runnable]:

github.com/ethereum/go-ethereum/consensus/ethash.generateDatasetItem({0xc000d3a000, 0x3fffb0, 0x3fffb0}, 0xa7e58f, 0xc00081f020)

github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:236 +0x36c  
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0xd)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:320 +0x208  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 259 [runnable]:

github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0xe)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 260 [runnable]:

github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0xf)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 261 [runnable]:

github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x10)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 262 [runnable]:

github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x11)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 263 [running]:

goroutine running on other thread; stack unavailable  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 264 [runnable]:

github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x13)  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a  
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset  
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

goroutine 337 [select]:

github.com/ethereum/go-ethereum/p2p.(\*protoRW).ReadMsg(0xc0029e4140)  
github.com/ethereum/go-ethereum/p2p/peer.go:464 +0xc5  
github.com/ethereum/go-ethereum/eth/protocols/eth.handleMessage({0x1621990,  
0xc00055c200}, 0xc0023dc000)  
github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:195 +0x88  
github.com/ethereum/go-ethereum/eth/protocols/eth.Handle({0x1621990,  
0xc00055c200}, 0xc0023dc000)

```
github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:161 +0x3d
github.com/ethereum/go-ethereum/eth/protocols/eth.MakeProtocols.func1.1(0xc0000c1e0)
github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:118 +0x27
github.com/ethereum/go-ethereum/eth.(*handler).runEthPeer(0xc00055c200,
0xc0023dc000, 0xc003dd8120)
github.com/ethereum/go-ethereum/eth/handler.go:337 +0x1028
github.com/ethereum/go-ethereum/eth.(*ethHandler).RunPeer(0x42, 0xc000200840,
0x15fdcd0)
github.com/ethereum/go-ethereum/eth/handler_eth.go:45 +0x19
github.com/ethereum/go-ethereum/eth/protocols/eth.MakeProtocols.func1(0x0,
{0x15fdcd0, 0xc0029e4140})
github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:117 +0x122
github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols.func1()
github.com/ethereum/go-ethereum/p2p/peer.go:407 +0x8c
created by github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols
github.com/ethereum/go-ethereum/p2p/peer.go:405 +0xb3
```

goroutine 450 [select]:

```
github.com/ethereum/go-ethereum/p2p.(*protoRW).ReadMsg(0xc0029e41e0)
github.com/ethereum/go-ethereum/p2p/peer.go:464 +0xc5
github.com/ethereum/go-ethereum/eth/protocols/snap.handleMessage({0x1611a88,
0xc00055c200}, 0xc00087bbc0)
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:135 +0x84
github.com/ethereum/go-ethereum/eth/protocols/snap.handle({0x1611a88,
0xc00055c200}, 0xc00087bbc0)
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:123 +0x3d
github.com/ethereum/go-ethereum/eth/protocols/snap.MakeProtocols.func2.1(0xc0002d8a80)
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:103 +0x27
github.com/ethereum/go-ethereum/eth.(*handler).runSnapExtension(0xc00055c200,
0xc00087bbc0, 0xc003dd80d8)
github.com/ethereum/go-ethereum/eth/handler.go:352 +0x1c4
github.com/ethereum/go-ethereum/eth.(*snapHandler).RunPeer(0x1, 0xc000200840,
0x15fdcd0)
github.com/ethereum/go-ethereum/eth/handler_snap.go:33 +0x19
github.com/ethereum/go-ethereum/eth/protocols/snap.MakeProtocols.func2(0x0,
{0x15fdcd0, 0xc0029e41e0})
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:102 +0xa2
github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols.func1()
github.com/ethereum/go-ethereum/p2p/peer.go:407 +0x8c
created by github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols
github.com/ethereum/go-ethereum/p2p/peer.go:405 +0xb3
```

goroutine 452 [select]:

```
github.com/ethereum/go-ethereum/eth/protocols/eth.(*Peer).broadcastTransactions(0xc0023dc000)
github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:110 +0x1a5
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer
github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:128 +0x42f
```

goroutine 453 [select]:

```
github.com/ethereum/go-ethereum/eth/protocols/eth.(*Peer).announceTransactions(0xc0023dc000)
```

github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:177 +0x18d  
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer  
github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:129 +0x471

goroutine 334 [select]:

github.com/ethereum/go-ethereum/p2p.(\*Peer).run(0xc000200840)  
github.com/ethereum/go-ethereum/p2p/peer.go:255 +0x25f  
github.com/ethereum/go-ethereum/p2p.(\*Server).runPeer(0xc00042c280,  
0xc000200840)  
github.com/ethereum/go-ethereum/p2p/server.go:1039 +0x1b3  
created by github.com/ethereum/go-ethereum/p2p.(\*Server).launchPeer  
github.com/ethereum/go-ethereum/p2p/server.go:1022 +0xde

goroutine 336 [select]:

github.com/ethereum/go-ethereum/p2p.(\*Peer).pingLoop(0xc000200840)  
github.com/ethereum/go-ethereum/p2p/peer.go:292 +0x125  
created by github.com/ethereum/go-ethereum/p2p.(\*Peer).run  
github.com/ethereum/go-ethereum/p2p/peer.go:246 +0x145

goroutine 335 [IO wait]:

internal/poll.runtime\_pollWait(0x7f1690dac588, 0x72)  
runtime/netpoll.go:229 +0x89  
internal/poll.(\*pollDesc).wait(0xc00040ae00, 0xc002c4e400, 0x0)  
internal/poll/fd\_poll\_runtime.go:84 +0x32  
internal/poll.(\*pollDesc).waitRead(...)  
internal/poll/fd\_poll\_runtime.go:89  
internal/poll.(\*FD).Read(0xc00040ae00, {0xc002c4e400, 0x200, 0x200})  
internal/poll/fd\_unix.go:167 +0x25a  
net.(\*netFD).Read(0xc00040ae00, {0xc002c4e400, 0x1192e60, 0xc0049c21a0})  
net/fd\_posix.go:56 +0x29  
net.(\*conn).Read(0xc0006ac018, {0xc002c4e400, 0x20, 0x5a1307})  
net/net.go:183 +0x45  
io.ReadAtLeast({0x15f03a0, 0xc0006ac018}, {0xc002c4e400, 0x200, 0x200}, 0x20)  
io/io.go:328 +0x9a  
github.com/ethereum/go-ethereum/p2p/rlp.(\*readBuffer).read(0xc0006e70240,  
{0x15f03a0, 0xc0006ac018}, 0x20)  
github.com/ethereum/go-ethereum/p2p/rlpx/buffer.go:64 +0x1d8  
github.com/ethereum/go-ethereum/p2p/rlpx.(\*sessionState).readFrame(0xc0006e70140,  
{0x15f03a0, 0xc0006ac018})  
github.com/ethereum/go-ethereum/p2p/rlpx/rlpx.go:166 +0x107  
github.com/ethereum/go-ethereum/p2p/rlpx.(\*Conn).Read(0xc00223fb80)  
github.com/ethereum/go-ethereum/p2p/rlpx/rlpx.go:136 +0x5a  
github.com/ethereum/go-ethereum/p2p.(\*rlpxTransport).ReadMsg(0xc00021c240)  
github.com/ethereum/go-ethereum/p2p/transport.go:64 +0x145  
github.com/ethereum/go-ethereum/p2p.(\*Peer).readLoop(0xc000200840, 0x0)  
github.com/ethereum/go-ethereum/p2p/peer.go:308 +0xd0  
created by github.com/ethereum/go-ethereum/p2p.(\*Peer).run  
github.com/ethereum/go-ethereum/p2p/peer.go:245 +0xf8

goroutine 355 [select]:

github.com/ethereum/go-ethereum/p2p.(\*Peer).run(0xc003a64360)  
github.com/ethereum/go-ethereum/p2p/peer.go:255 +0x25f  
github.com/ethereum/go-ethereum/p2p.(\*Server).runPeer(0xc00042c280,  
0xc003a64360)

```
github.com/ethereum/go-ethereum/p2p/server.go:1039 +0x1b3
created by github.com/ethereum/go-ethereum/p2p.(*Server).launchPeer
github.com/ethereum/go-ethereum/p2p/server.go:1022 +0xde
```

```
goroutine 356 [IO wait]:
```

```
internal/poll.runtime_pollWait(0x7f1690dac928, 0x72)
runtime/netpoll.go:229 +0x89
internal/poll.(*pollDesc).wait(0xc006f9aa00, 0xc000598600, 0x0)
internal/poll/fd_poll_runtime.go:84 +0x32
internal/poll.(*pollDesc).waitRead(...)
internal/poll/fd_poll_runtime.go:89
internal/poll.(*FD).Read(0xc006f9aa00, {0xc000598600, 0x200, 0x200})
internal/poll/fd_unix.go:167 +0x25a
net.(*netFD).Read(0xc006f9aa00, {0xc000598600, 0x423ea7, 0x58})
net/fd_posix.go:56 +0x29
net.(*conn).Read(0xc000232008, {0xc000598600, 0x20, 0x5a1307})
net/net.go:183 +0x45
io.ReadAtLeast({0x15f03a0, 0xc000232008}, {0xc000598600, 0x200, 0x200}, 0x20)
io/io.go:328 +0x9a
github.com/ethereum/go-ethereum/p2p/rlp.(*readBuffer).read(0xc000858100,
{0x15f03a0, 0xc000232008}, 0x20)
github.com/ethereum/go-ethereum/p2p/rlp/buffer.go:64 +0x1d8
github.com/ethereum/go-ethereum/p2p/rlp.(*sessionState).readFrame(0xc000858000,
{0x15f03a0, 0xc000232008})
github.com/ethereum/go-ethereum/p2p/rlp/rlp.go:166 +0x107
github.com/ethereum/go-ethereum/p2p/rlp.(*Conn).Read(0xc00061c000)
github.com/ethereum/go-ethereum/p2p/rlp/rlp.go:136 +0x5a
github.com/ethereum/go-ethereum/p2p.(*rlpTransport).ReadMsg(0xc000616040)
github.com/ethereum/go-ethereum/p2p/transport.go:64 +0x145
github.com/ethereum/go-ethereum/p2p.(*Peer).readLoop(0xc0003a64360, 0x0)
github.com/ethereum/go-ethereum/p2p/peer.go:308 +0xd0
created by github.com/ethereum/go-ethereum/p2p.(*Peer).run
github.com/ethereum/go-ethereum/p2p/peer.go:245 +0xf8
```

```
goroutine 357 [select]:
```

```
github.com/ethereum/go-ethereum/p2p.(*Peer).pingLoop(0xc0003a64360)
github.com/ethereum/go-ethereum/p2p/peer.go:292 +0x125
created by github.com/ethereum/go-ethereum/p2p.(*Peer).run
github.com/ethereum/go-ethereum/p2p/peer.go:246 +0x145
```

```
goroutine 358 [select]:
```

```
github.com/ethereum/go-ethereum/p2p.(*protoRW).ReadMsg(0xc000048140)
github.com/ethereum/go-ethereum/p2p/peer.go:464 +0xc5
github.com/ethereum/go-ethereum/eth/protocols/eth.handleMessage({0x1621990,
0xc00055c200}, 0xc000856240)
github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:195 +0x88
github.com/ethereum/go-ethereum/eth/protocols/eth.Handle({0x1621990,
0xc00055c200}, 0xc000856240)
github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:161 +0x3d
github.com/ethereum/go-ethereum/eth/protocols/eth.MakeProtocols.func1.1(0xc00000c1
e0)
github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:118 +0x27
github.com/ethereum/go-ethereum/eth.(*handler).runEthPeer(0xc00055c200,
0xc000856240, 0xc002c38120)
```

```
github.com/ethereum/go-ethereum/eth/handler.go:337 +0x1028
github.com/ethereum/go-ethereum/eth.(*ethHandler).RunPeer(0x42,      0xc003a64360,
0x15fdcd0)
github.com/ethereum/go-ethereum/eth/handler_eth.go:45 +0x19
github.com/ethereum/go-ethereum/eth/protocols/eth.MakeProtocols.func1(0xc0000e6af0,
{0x15fdcd0, 0xc000048140})
github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:117 +0x122
github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols.func1()
github.com/ethereum/go-ethereum/p2p/peer.go:407 +0x8c
created by github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols
github.com/ethereum/go-ethereum/p2p/peer.go:405 +0xb3
```

goroutine 359 [select]:

```
github.com/ethereum/go-ethereum/p2p.(*protoRW).ReadMsg(0xc000048460)
github.com/ethereum/go-ethereum/p2p/peer.go:464 +0xc5
github.com/ethereum/go-ethereum/eth/protocols/snap.handleMessage({0x1611a88,
0xc00055c200}, 0xc002c60300)
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:135 +0x84
github.com/ethereum/go-ethereum/eth/protocols/snap.handle({0x1611a88,
0xc00055c200}, 0xc002c60300)
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:123 +0x3d
github.com/ethereum/go-ethereum/eth/protocols/snap.MakeProtocols.func2.1(0xc0002d8
a80)
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:103 +0x27
github.com/ethereum/go-ethereum/eth.(*handler).runSnapExtension(0xc00055c200,
0xc002c60300, 0xc002c380d8)
github.com/ethereum/go-ethereum/eth/handler.go:352 +0x1c4
github.com/ethereum/go-ethereum/eth.(*snapHandler).RunPeer(0x1,      0xc003a64360,
0x15fdcd0)
github.com/ethereum/go-ethereum/eth/handler_snap.go:33 +0x19
github.com/ethereum/go-ethereum/eth/protocols/snap.MakeProtocols.func2(0x3ffb0,
{0x15fdcd0, 0xc000048460})
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:102 +0xa2
github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols.func1()
github.com/ethereum/go-ethereum/p2p/peer.go:407 +0x8c
created by github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols
github.com/ethereum/go-ethereum/p2p/peer.go:405 +0xb3
```

goroutine 361 [select]:

```
github.com/ethereum/go-ethereum/eth/protocols/eth.(*Peer).broadcastTransactions(0xc0
00856240)
github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:110 +0x1a5
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer
github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:128 +0x42f
```

goroutine 362 [select]:

```
github.com/ethereum/go-ethereum/eth/protocols/eth.(*Peer).announceTransactions(0xc0
00856240)
github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:177 +0x18d
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer
github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:129 +0x471
```

goroutine 403 [IO wait]:

```
internal/poll.runtime_pollWait(0x7f1690dacaf8, 0x72)
```



```
runtime/netpoll.go:229 +0x89
internal/poll.(*pollDesc).wait(0xc003de6080, 0xc000664200, 0x0)
    internal/poll/fd_poll_runtime.go:84 +0x32
internal/poll.(*pollDesc).waitRead(...)
    internal/poll/fd_poll_runtime.go:89
internal/poll.(*FD).Read(0xc003de6080, {0xc000664200, 0x200, 0x200})
    internal/poll/fd_unix.go:167 +0x25a
net.(*netFD).Read(0xc003de6080, {0xc000664200, 0x423ea7, 0x58})
    net/fd_posix.go:56 +0x29
net.(*conn).Read(0xc0052c4000, {0xc000664200, 0x20, 0x5a1307})
    net/net.go:183 +0x45
io.ReadAtLeast({0x15f03a0, 0xc0052c4000}, {0xc000664200, 0x200, 0x200}, 0x20)
    io/io.go:328 +0x9a
github.com/ethereum/go-ethereum/p2p/rpx.(*readBuffer).read(0xc00012c100,
{0x15f03a0, 0xc0052c4000}, 0x20)
    github.com/ethereum/go-ethereum/p2p/rpx/buffer.go:64 +0x1d8
github.com/ethereum/go-ethereum/p2p/rpx.(*sessionState).readFrame(0xc00012c000,
{0x15f03a0, 0xc0052c4000})
    github.com/ethereum/go-ethereum/p2p/rpx/rpx.go:166 +0x107
github.com/ethereum/go-ethereum/p2p/rpx.(*Conn).Read(0xc006dac000)
    github.com/ethereum/go-ethereum/p2p/rpx/rpx.go:136 +0x5a
github.com/ethereum/go-ethereum/p2p.(*rpxTransport).ReadMsg(0xc0007e5100)
    github.com/ethereum/go-ethereum/p2p/transport.go:64 +0x145
github.com/ethereum/go-ethereum/p2p.(*Peer).readLoop(0xc000512000,
0xc000452000)
    github.com/ethereum/go-ethereum/p2p/peer.go:308 +0xd0
created by github.com/ethereum/go-ethereum/p2p.(*Peer).run
    github.com/ethereum/go-ethereum/p2p/peer.go:245 +0xf8

goroutine 402 [select]:
github.com/ethereum/go-ethereum/p2p.(*Peer).run(0xc000512000)
    github.com/ethereum/go-ethereum/p2p/peer.go:255 +0x25f
github.com/ethereum/go-ethereum/p2p.(*Server).runPeer(0xc00042c280,
0xc000512000)
    github.com/ethereum/go-ethereum/p2p/server.go:1039 +0x1b3
created by github.com/ethereum/go-ethereum/p2p.(*Server).launchPeer
    github.com/ethereum/go-ethereum/p2p/server.go:1022 +0xde

goroutine 404 [select]:
github.com/ethereum/go-ethereum/p2p.(*Peer).pingLoop(0xc000512000)
    github.com/ethereum/go-ethereum/p2p/peer.go:292 +0x125
created by github.com/ethereum/go-ethereum/p2p.(*Peer).run
    github.com/ethereum/go-ethereum/p2p/peer.go:246 +0x145

goroutine 405 [select]:
github.com/ethereum/go-ethereum/p2p.(*protoRW).ReadMsg(0xc00031a0a0)
    github.com/ethereum/go-ethereum/p2p/peer.go:464 +0xc5
github.com/ethereum/go-ethereum/eth/protocols/eth.handleMessage({0x1621990,
0xc00055c200}, 0xc00789a240)
    github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:195 +0x88
github.com/ethereum/go-ethereum/eth/protocols/eth.Handle({0x1621990,
0xc00055c200}, 0xc00789a240)
    github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:161 +0x3d
github.com/ethereum/go-ethereum/eth/protocols/eth.MakeProtocols.func1.1(0xc00000c1
```

e0)

```
github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:118 +0x27
github.com/ethereum/go-ethereum/eth.(*handler).runEthPeer(0xc00055c200,
0xc000789a240, 0xc001ee6180)
github.com/ethereum/go-ethereum/eth/handler.go:337 +0x1028
github.com/ethereum/go-ethereum/eth.(*ethHandler).RunPeer(0x42,      0xc000512000,
0x15fdcd0)
github.com/ethereum/go-ethereum/eth/handler_eth.go:45 +0x19
github.com/ethereum/go-ethereum/eth/protocols/eth.MakeProtocols.func1(0x2bb2100dbc
2bf4ab, {0x15fdcd0, 0xc00031a0a0})
github.com/ethereum/go-ethereum/eth/protocols/eth/handler.go:117 +0x122
github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols.func1()
github.com/ethereum/go-ethereum/p2p/peer.go:407 +0x8c
created by github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols
github.com/ethereum/go-ethereum/p2p/peer.go:405 +0xb3
```

goroutine 406 [select]:

```
github.com/ethereum/go-ethereum/p2p.(*protoRW).ReadMsg(0xc00031a1e0)
github.com/ethereum/go-ethereum/p2p/peer.go:464 +0xc5
github.com/ethereum/go-ethereum/eth/protocols/snap.handleMessage({0x1611a88,
0xc00055c200}, 0xc0001256c0)
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:135 +0x84
github.com/ethereum/go-ethereum/eth/protocols/snap.handle({0x1611a88,
0xc00055c200}, 0xc0001256c0)
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:123 +0x3d
github.com/ethereum/go-ethereum/eth/protocols/snap.MakeProtocols.func2.1(0xc0002d8
a80)
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:103 +0x27
github.com/ethereum/go-ethereum/eth.(*handler).runSnapExtension(0xc00055c200,
0xc0001256c0, 0xc001ee6138)
github.com/ethereum/go-ethereum/eth/handler.go:352 +0x1c4
github.com/ethereum/go-ethereum/eth.(*snapHandler).RunPeer(0x1,      0xc000512000,
0x15fdcd0)
github.com/ethereum/go-ethereum/eth/handler_snap.go:33 +0x19
github.com/ethereum/go-ethereum/eth/protocols/snap.MakeProtocols.func2(0x508b663e
0fcbdcad, {0x15fdcd0, 0xc00031a1e0})
github.com/ethereum/go-ethereum/eth/protocols/snap/handler.go:102 +0xa2
github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols.func1()
github.com/ethereum/go-ethereum/p2p/peer.go:407 +0x8c
created by github.com/ethereum/go-ethereum/p2p.(*Peer).startProtocols
github.com/ethereum/go-ethereum/p2p/peer.go:405 +0xb3
```

goroutine 407 [select]:

```
github.com/ethereum/go-ethereum/eth/protocols/eth.(*Peer).broadcastBlocks(0xc000789a
240)
github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:49 +0xe5
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer
github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:127 +0x3e9
```

goroutine 408 [select]:

```
github.com/ethereum/go-ethereum/eth/protocols/eth.(*Peer).broadcastTransactions(0xc0
0789a240)
github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:110 +0x1a5
created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer
```

github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:128 +0x42f

goroutine 409 [select]:

github.com/ethereum/go-ethereum/eth/protocols/eth.(\*Peer).announceTransactions(0xc00789a240)

github.com/ethereum/go-ethereum/eth/protocols/eth/broadcast.go:177 +0x18d

created by github.com/ethereum/go-ethereum/eth/protocols/eth.NewPeer

github.com/ethereum/go-ethereum/eth/protocols/eth/peer.go:129 +0x471

goroutine 263 [running]:

runtime.throw({0x13a9f9a, 0x19})

runtime/panic.go:1198 +0x71 fp=0xc00021fe60 sp=0xc00021fe30 pc=0x44c7b1

runtime.sigpanic()

runtime/signal\_unix.go:732 +0x125 fp=0xc00021feb0 sp=0xc00021fe60 pc=0x4629c5

runtime.memmove()

runtime/memmove\_amd64.s:204 +0x17a fp=0xc00021feb8 sp=0xc00021feb0 pc=0x480d9a

github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x12)

github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a fp=0xc00021ffc8 sp=0xc00021feb8 pc=0x98a62a

github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.dwrap·2()

github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:330 +0x2d fp=0xc00021ffe0 sp=0xc00021ffc8 pc=0x98a36d

runtime.goexit()

runtime/asm\_amd64.s:1581 +0x1 fp=0xc00021ffe8 sp=0xc00021ffe0 pc=0x47fda1

created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset

github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

[signal SIGBUS: bus error code=0x2 addr=0x7f160dfe6000 pc=0x480d9a]

goroutine 216 [running]:

runtime.throw({0x13a9f9a, 0x19})

runtime/panic.go:1198 +0x71 fp=0xc000704660 sp=0xc000704630 pc=0x44c7b1

runtime.sigpanic()

runtime/signal\_unix.go:732 +0x125 fp=0xc0007046b0 sp=0xc000704660 pc=0x4629c5

runtime.memmove()

runtime/memmove\_amd64.s:204 +0x17a fp=0xc0007046b8 sp=0xc0007046b0 pc=0x480d9a

github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0x3)

github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a fp=0xc0007047c8 sp=0xc0007046b8 pc=0x98a62a

github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.dwrap·2()

github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:330 +0x2d fp=0xc0007047e0 sp=0xc0007047c8 pc=0x98a36d

runtime.goexit()

runtime/asm\_amd64.s:1581 +0x1 fp=0xc0007047e8 sp=0xc0007047e0 pc=0x47fda1

created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset

github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225

[signal SIGBUS: bus error code=0x2 addr=0x7f1624674000 pc=0x480d9a]

goroutine 223 [running]:

runtime.throw({0x13a9f9a, 0x27a482feeeef657e})

runtime/panic.go:1198 +0x71 fp=0xc000432e60 sp=0xc000432e30 pc=0x44c7b1

runtime.sigpanic()

```
runtime/signal_unix.go:732 +0x125 fp=0xc000432eb0 sp=0xc000432e60
pc=0x4629c5
runtime.memmove()
runtime/memmove_amd64.s:204 +0x17a fp=0xc000432eb8 sp=0xc000432eb0
pc=0x480d9a
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.func2(0xa)
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:324 +0x28a
fp=0xc000432fc8 sp=0xc000432eb8 pc=0x98a62a
github.com/ethereum/go-ethereum/consensus/ethash.generateDataset.dwrap·2()
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:330 +0x2d
fp=0xc000432fe0 sp=0xc000432fc8 pc=0x98a36d
runtime.goexit()
runtime/asm_amd64.s:1581 +0x1 fp=0xc000432fe8 sp=0xc000432fe0 pc=0x47fda1
created by github.com/ethereum/go-ethereum/consensus/ethash.generateDataset
github.com/ethereum/go-ethereum/consensus/ethash/algorithm.go:304 +0x225
```