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Last login: Mon Jun 18 01:39:29 on ttys002
Snehas-MacBook-Pro:~ snehamishra$ ls
Applications      Movies            lab4
Desktop           Music            myApp
Documents         Pictures         node_modules
Downloads         Public           package-lock.json
Library           eclipse          todo
Snehas-MacBook-Pro:~ snehamishra$ cd /usr/local/Cellar/
Snehas-MacBook-Pro:Cellar snehamishra$ ls
apr      gettext      lz4      python      utf8proc
apr-util hadoop      lzo      python@2 wget
cassandra hbase      mongodb  readline xz
cython    libidn2    openssl  sqlite
gdbm      libunistring perl      subversion
Snehas-MacBook-Pro:Cellar snehamishra$ cd c
cassandra/ cython/
Snehas-MacBook-Pro:Cellar snehamishra$ cd cd cassandra/
-bash: cd: cd: No such file or directory
Snehas-MacBook-Pro:Cellar snehamishra$ cqlsh
Connection error: ('Unable to connect to any servers', {'127.0.0.1':
error(61, "Tried connecting to [('127.0.0.1', 9042)]. Last error:
Connection refused"))
Snehas-MacBook-Pro:Cellar snehamishra$ brew info cassandra
cassandra: stable 3.11.2 (bottled)
Eventually consistent, distributed key-value store
https://cassandra.apache.org
/usr/local/Cellar/cassandra/3.11.2_1 (5,716 files, 136.9MB) *
  Poured from bottle on 2018-06-04 at 18:16:14
From: https://github.com/Homebrew/homebrew-core/blob/master/Formula/
cassandra.rb
==> Dependencies
Required: python@2 ✓, cython ✓
==> Caveats
To have launchd start cassandra now and restart at login:
  brew services start cassandra
Or, if you don't want/need a background service you can just run:
  cassandra -f
Snehas-MacBook-Pro:Cellar snehamishra$ cd cassandra/
Snehas-MacBook-Pro:cassandra snehamishra$ ls
3.11.2_1
Snehas-MacBook-Pro:cassandra snehamishra$ cd 3.11.2_1/
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ ls
CHANGES.txt      bin
INSTALL_RECEIPT.json  homebrew.mxcl.cassandra.plist
LICENSE.txt       libexec
NEWS.txt          share
NOTICE.txt
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ cqlsh

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Connection error: ('Unable to connect to any servers', {'127.0.0.1':
error(61, "Tried connecting to [('127.0.0.1', 9042)]. Last error:
Connection refused"))}
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ jps
18877 Jps
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ cqlsh
Connection error: ('Unable to connect to any servers', {'127.0.0.1':
error(61, "Tried connecting to [('127.0.0.1', 9042)]. Last error:
Connection refused"))}
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ ls
CHANGES.txt          bin
INSTALL_RECEIPT.json  homebrew.mxcl.cassandra.plist
LICENSE.txt           libexec
NEWS.txt              share
NOTICE.txt
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ bin/cqlsh
Connection error: ('Unable to connect to any servers', {'127.0.0.1':
error(61, "Tried connecting to [('127.0.0.1', 9042)]. Last error:
Connection refused"))}
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ pwd
/usr/local/Cellar/cassandra/3.11.2_1
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ cd bin/
Snehas-MacBook-Pro:bin snehamishra$ pwd
/usr/local/Cellar/cassandra/3.11.2_1/bin
Snehas-MacBook-Pro:bin snehamishra$ jps
18994 NameNode
19379 NodeManager
19077 DataNode
19292 ResourceManager
19181 SecondaryNameNode
19470 Jps
Snehas-MacBook-Pro:bin snehamishra$ ssh localhost
Last login: Mon Jun 18 09:37:34 2018
Snehas-MacBook-Pro:~ snehamishra$ vim ~/.cassandra/
Snehas-MacBook-Pro:~ snehamishra$ vim ~/.cassandra/cqlshrc
Snehas-MacBook-Pro:~ snehamishra$ cd ~/.cassandra/
Snehas-MacBook-Pro:~.cassandra snehamishra$ ls -la
total 0
drwxr-xr-x  2 snehamishra  staff   64 Jun 18 09:46 .
drwxr-xr-x+ 43 snehamishra  staff 1376 Jun 18 09:46 ..
Snehas-MacBook-Pro:~.cassandra snehamishra$ vim cqlshrc
Snehas-MacBook-Pro:~.cassandra snehamishra$ cqlsh
Connection error: ('Unable to connect to any servers', {'127.0.0.1':
error(61, "Tried connecting to [('127.0.0.1', 9042)]. Last error:
Connection refused"))}
Snehas-MacBook-Pro:~.cassandra snehamishra$ vim cqlshrc
Snehas-MacBook-Pro:~.cassandra snehamishra$ cqlsh 127.0.0.1 9042

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Connection error: ('Unable to connect to any servers', {'127.0.0.1':
error(61, "Tried connecting to [('127.0.0.1', 9042)]. Last error:
Connection refused"))}
Snehas-MacBook-Pro:~ snehamishra$ cqlsh 127.0.0.1 9160
Connection error: ('Unable to connect to any servers', {'127.0.0.1':
error(61, "Tried connecting to [('127.0.0.1', 9160)]. Last error:
Connection refused"))}
Snehas-MacBook-Pro:~ snehamishra$ cd -
/Users/snehamishra
Snehas-MacBook-Pro:~ snehamishra$ pwd
/Users/snehamishra
Snehas-MacBook-Pro:~ snehamishra$ cd /usr/local/Cellar/cassandra/
Snehas-MacBook-Pro:cassandra snehamishra$ ls
3.11.2_1
Snehas-MacBook-Pro:cassandra snehamishra$ cd 3.11.2_1/
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ ls
CHANGES.txt          bin
INSTALL_RECEIPT.json  homebrew.mxcl.cassandra.plist
LICENSE.txt           libexec
NEWS.txt              share
NOTICE.txt
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ cd libexec/
Snehas-MacBook-Pro:libexec snehamishra$ ls
CASSANDRA-14092.txt    jctools-core-1.2.1.jar
HdrHistogram-2.1.9.jar jflex-1.6.0.jar
ST4-4.0.8.jar          jna-4.2.2.jar
airline-0.6.jar        joda-time-2.4.jar
antlr-runtime-3.5.2.jar json-simple-1.1.jar
apache-cassandra-3.11.2.jar jstackjunit-0.0.1.jar
apache-cassandra-thrift-3.11.2.jar libthrift-0.9.2.jar
asm-5.0.4.jar          licenses
bin                    log4j-over-slf4j-1.7.7.jar
caffeine-2.2.6.jar     logback-classic-1.1.3.jar
cassandra-driver-core-3.0.1-shaded.jar logback-core-1.1.3.jar
commons-cli-1.1.jar    lz4-1.3.0.jar
commons-codec-1.9.jar  metrics-core-3.1.0.jar
commons-lang3-3.1.jar  metrics-jvm-3.1.0.jar
commons-math3-3.2.jar  metrics-logback-3.1.0.jar
compress-lzf-0.8.4.jar netty-all-4.0.44.Final.jar
concurrent-trees-2.4.0.jar ohc-core-0.4.4.jar
concurrentlinkedhashmap-lru-1.4.jar ohc-core-j8-0.4.4.jar
disruptor-3.0.1.jar    pylib
ecj-4.4.2.jar          reporter-config-base-3.0.3.jar
guava-18.0.jar         reporter-config3-3.0.3.jar
high-scale-lib-1.0.6.jar sigar-1.6.4.jar
hppc-0.5.4.jar         slf4j-api-1.7.7.jar
interface              snakeyaml-1.11.jar
jackson-core-asl-1.9.13.jar snappy-java-1.1.1.7.jar
jackson-mapper-asl-1.9.13.jar snowball-stemmer-1.3.0.581.1.jar

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jamm-0.3.0.jar                stream-2.5.2.jar
javadoc                      thrift-server-0.3.7.jar
javax.inject.jar             tools
jbcrypt-0.3m.jar             vendor
jcl-over-slf4j-1.7.7.jar
Snehas-MacBook-Pro:libexec snehamishra$ cd ..
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ ls
CHANGES.txt                  bin
INSTALL_RECEIPT.json          homebrew.mxcl.cassandra.plist
LICENSE.txt                   libexec
NEWS.txt                      share
NOTICE.txt
Snehas-MacBook-Pro:3.11.2_1 snehamishra$ cd share/
Snehas-MacBook-Pro:share snehamishra$ ls
cassandra
Snehas-MacBook-Pro:share snehamishra$ cd cassandra/
Snehas-MacBook-Pro:cassandra snehamishra$ ls
cassandra-tools.in.shcassandra.in.sh      stop-server
Snehas-MacBook-Pro:cassandra snehamishra$ cd ../../bin/
Snehas-MacBook-Pro:bin snehamishra$ ls
cassandra      nodetool      sstable repairedset
cassandra-stress sstabledump      sstables scrub
cassandra-stressd sstableexpiredblockers sstablesplit
compaction-stress sstablelevelreset sstableupgrade
cqlsh           sstableloader      sstableutil
cqlsh.py        sstablemetadata      sstableverify
debug-cql       sstableoffline relevel
Snehas-MacBook-Pro:bin snehamishra$ cassandra
Snehas-MacBook-Pro:bin snehamishra$ Java HotSpot(TM) 64-Bit Server VM
warning: Cannot open file /usr/local/Cellar/cassandra/3.11.2_1/
libexec/logs/gc.log due to No such file or directory

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CompilerOracle: dontinline org/apache/cassandra/db/
Columns$Serializer.deserializeLargeSubset (Lorg/apache/cassandra/io/
util/DataInputPlus;Lorg/apache/cassandra/db/Columns;I)Lorg/apache/
cassandra/db/Columns;
CompilerOracle: dontinline org/apache/cassandra/db/
Columns$Serializer.serializeLargeSubset (Ljava/util/Collection;ILorg/
apache/cassandra/db/Columns;ILorg/apache/cassandra/io/util/
DataOutputPlus;)V
CompilerOracle: dontinline org/apache/cassandra/db/
Columns$Serializer.serializeLargeSubsetSize (Ljava/util/
Collection;ILorg/apache/cassandra/db/Columns;I)I
CompilerOracle: dontinline org/apache/cassandra/db/commitlog/
AbstractCommitLogSegmentManager.advanceAllocatingFrom (Lorg/apache/
cassandra/db/commitlog/CommitLogSegment;)V
CompilerOracle: dontinline org/apache/cassandra/db/transform/
BaseIterator.tryGetMoreContents ()Z

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CompilerOracle: dontinline org/apache/cassandra/db/transform/
StoppingTransformation.stop ()V
CompilerOracle: dontinline org/apache/cassandra/db/transform/
StoppingTransformation.stopInPartition ()V
CompilerOracle: dontinline org/apache/cassandra/io/util/
BufferedDataOutputStreamPlus.doFlush (I)V
CompilerOracle: dontinline org/apache/cassandra/io/util/
BufferedDataOutputStreamPlus.writeExcessSlow ()V
CompilerOracle: dontinline org/apache/cassandra/io/util/
BufferedDataOutputStreamPlus.writeSlow (JI)V
CompilerOracle: dontinline org/apache/cassandra/io/util/
RebufferingInputStream.readPrimitiveSlowly (I)J
CompilerOracle: inline org/apache/cassandra/db/rows/
UnfilteredSerializer.serializeRowBody (Lorg/apache/cassandra/db/rows/
Row;ILorg/apache/cassandra/db/SerializationHeader;Lorg/apache/
cassandra/io/util/DataOutputPlus;)V
CompilerOracle: inline org/apache/cassandra/io/util/Memory.checkBounds
(JJ)V
CompilerOracle: inline org/apache/cassandra/io/util/
SafeMemory.checkBounds (JJ)V
CompilerOracle: inline org/apache/cassandra/utils/
AsymmetricOrdering.selectBoundary (Lorg/apache/cassandra/utils/
AsymmetricOrdering/Op;II)I
CompilerOracle: inline org/apache/cassandra/utils/
AsymmetricOrdering.strictnessOfLessThan (Lorg/apache/cassandra/utils/
AsymmetricOrdering/Op;)I
CompilerOracle: inline org/apache/cassandra/utils/BloomFilter.indexes
(Lorg/apache/cassandra/utils/IFilter/FilterKey;)[J
CompilerOracle: inline org/apache/cassandra/utils/
BloomFilter.setIndexes (JJIJ[J)V
CompilerOracle: inline org/apache/cassandra/utils/
ByteBufferUtil.compare (Ljava/nio/ByteBuffer;[B)I
CompilerOracle: inline org/apache/cassandra/utils/
ByteBufferUtil.compare ([BLjava/nio/ByteBuffer;)I
CompilerOracle: inline org/apache/cassandra/utils/
ByteBufferUtil.compareUnsigned (Ljava/nio/ByteBuffer;Ljava/nio/
ByteBuffer;)I
CompilerOracle: inline org/apache/cassandra/utils/
FastByteOperations$UnsafeOperations.compareTo (Ljava/lang/
Object;JILjava/lang/Object;JI)I
CompilerOracle: inline org/apache/cassandra/utils/
FastByteOperations$UnsafeOperations.compareTo (Ljava/lang/
Object;JILjava/nio/ByteBuffer;)I
CompilerOracle: inline org/apache/cassandra/utils/
FastByteOperations$UnsafeOperations.compareTo (Ljava/nio/
ByteBuffer;Ljava/nio/ByteBuffer;)I
CompilerOracle: inline org/apache/cassandra/utils/vint/
VIntCoding.encodeVInt (JI)[B

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INFO [main] 2018-06-18 09:51:11,305 YamlConfigurationLoader.java:89 -  
Configuration location: file:/usr/local/etc/cassandra/cassandra.yaml  
INFO [main] 2018-06-18 09:51:11,611 Config.java:495 - Node  
configuration:[allocate_tokens_for_keyspace=null;  
authenticator=AllowAllAuthenticator; authorizer=AllowAllAuthorizer;  
auto_bootstrap=true; auto_snapshot=true; back_pressure_enabled=false;  
back_pressure_strategy=org.apache.cassandra.net.RateBasedBackPressure{  
high_ratio=0.9, factor=5, flow=FAST};  
batch_size_fail_threshold_in_kb=50; batch_size_warn_threshold_in_kb=5;  
batchlog_replay_throttle_in_kb=1024; broadcast_address=null;  
broadcast_rpc_address=null; buffer_pool_use_heap_if_exhausted=true;  
cas_contention_timeout_in_ms=1000; cdc_enabled=false;  
cdc_free_space_check_interval_ms=250; cdc_raw_directory=null;  
cdc_total_space_in_mb=0; client_encryption_options=<REDACTED>;  
cluster_name=Test Cluster; column_index_cache_size_in_kb=2;  
column_index_size_in_kb=64; commit_failure_policy=stop;  
commitlog_compression=null; commitlog_directory=null;  
commitlog_max_compression_buffers_in_pool=3;  
commitlog_periodic_queue_size=-1; commitlog_segment_size_in_mb=32;  
commitlog_sync=periodic; commitlog_sync_batch_window_in_ms=NaN;  
commitlog_sync_period_in_ms=10000; commitlog_total_space_in_mb=null;  
compaction_large_partition_warning_threshold_mb=100;  
compaction_throughput_mb_per_sec=16; concurrent_compactors=null;  
concurrent_counter_writes=32; concurrent_materialized_view_writes=32;  
concurrent_reads=32; concurrent_replicates=null; concurrent_writes=32;  
counter_cache_keys_to_save=2147483647; counter_cache_save_period=7200;  
counter_cache_size_in_mb=null;  
counter_write_request_timeout_in_ms=5000;  
credentials_cache_max_entries=1000;  
credentials_update_interval_in_ms=-1; credentials_validity_in_ms=2000;  
cross_node_timeout=false;  
data_file_directories=[Ljava.lang.String;@290d210d;  
disk_access_mode=auto; disk_failure_policy=stop;  
disk_optimization_estimate_percentile=0.95;  
disk_optimization_page_cross_chance=0.1;  
disk_optimization_strategy=ssd; dynamic_snitch=true;  
dynamic_snitch_badness_threshold=0.1;  
dynamic_snitch_reset_interval_in_ms=600000;  
dynamic_snitch_update_interval_in_ms=100;  
enable_materialized_views=true;  
enable_scripted_user_defined_functions=false;  
enable_user_defined_functions=false;  
enable_user_defined_functions_threads=true; encryption_options=null;  
endpoint_snitch=SimpleSnitch; file_cache_round_up=null;  
file_cache_size_in_mb=null; gc_log_threshold_in_ms=200;  
gc_warn_threshold_in_ms=1000; hinted_handoff_disabled_datacenters=[];  
hinted_handoff_enabled=true; hinted_handoff_throttle_in_kb=1024;  
hints_compression=null; hints_directory=null;  
hints_flush_period_in_ms=10000; incremental_backups=false;
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index_interval=null; index_summary_capacity_in_mb=null;
index_summary_resize_interval_in_minutes=60; initial_token=null;
inter_dc_stream_throughput_outbound_megabits_per_sec=200;
inter_dc_tcp_nodelay=false; internode_authenticator=null;
internode_compression=dc; internode_recv_buff_size_in_bytes=0;
internode_send_buff_size_in_bytes=0;
key_cache_keys_to_save=2147483647; key_cache_save_period=14400;
key_cache_size_in_mb=null; listen_address=localhost;
listen_interface=null; listen_interface_prefer_ipv6=false;
listen_on_broadcast_address=false; max_hint_window_in_ms=10800000;
max_hints_delivery_threads=2; max_hints_file_size_in_mb=128;
max_mutation_size_in_kb=null; max_streaming_retries=3;
max_value_size_in_mb=256; memtable_allocation_type=heap_buffers;
memtable_cleanup_threshold=null; memtable_flush_writers=0;
memtable_heap_space_in_mb=null; memtable_offheap_space_in_mb=null;
min_free_space_per_drive_in_mb=50;
native_transport_max_concurrent_connections=-1;
native_transport_max_concurrent_connections_per_ip=-1;
native_transport_max_frame_size_in_mb=256;
native_transport_max_threads=128; native_transport_port=9042;
native_transport_port_ssl=null; num_tokens=256;
otc_backlog_expiration_interval_ms=200;
otc_coalescing_enough_coalesced_messages=8;
otc_coalescing_strategy=DISABLED; otc_coalescing_window_us=200;
partitioner=org.apache.cassandra.dht.Murmur3Partitioner;
permissions_cache_max_entries=1000;
permissions_update_interval_in_ms=-1; permissions_validity_in_ms=2000;
phi_convict_threshold=8.0; prepared_statements_cache_size_mb=null;
range_request_timeout_in_ms=10000; read_request_timeout_in_ms=5000;
request_scheduler=org.apache.cassandra.scheduler.NoScheduler;
request_scheduler_id=null; request_scheduler_options=null;
request_timeout_in_ms=10000; role_manager=CassandraRoleManager;
roles_cache_max_entries=1000; roles_update_interval_in_ms=-1;
roles_validity_in_ms=2000;
row_cache_class_name=org.apache.cassandra.cache.OHCPProvider;
row_cache_keys_to_save=2147483647; row_cache_save_period=0;
row_cache_size_in_mb=0; rpc_address=localhost; rpc_interface=null;
rpc_interface_prefer_ipv6=false; rpc_keepalive=true;
rpc_listen_backlog=50; rpc_max_threads=2147483647; rpc_min_threads=16;
rpc_port=9160; rpc_recv_buff_size_in_bytes=null;
rpc_send_buff_size_in_bytes=null; rpc_server_type=sync;
saved_caches_directory=null;
seed_provider=org.apache.cassandra.locator.SimpleSeedProvider{seeds=12
7.0.0.1}; server_encryption_options=<REDACTED>;
slow_query_log_timeout_in_ms=500; snapshot_before_compaction=false;
ssl_storage_port=7001; sstable_preemptive_open_interval_in_mb=50;
start_native_transport=true; start_rpc=false; storage_port=7000;
stream_throughput_outbound_megabits_per_sec=200;
streaming_keep_alive_period_in_secs=300;
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streaming_socket_timeout_in_ms=86400000;
thrift_framed_transport_size_in_mb=15;
thrift_max_message_length_in_mb=16;
thrift_prepared_statements_cache_size_mb=null;
tombstone_failure_threshold=100000; tombstone_warn_threshold=1000;
tracetype_query_ttl=86400; tracetype_repair_ttl=604800;
transparent_data_encryption_options=org.apache.cassandra.config.Transp
arentDataEncryptionOptions@1d76aeaa; trickle_fsync=false;
trickle_fsync_interval_in_kb=10240;
truncate_request_timeout_in_ms=60000;
unlogged_batch_across_partitions_warn_threshold=10;
user_defined_function_fail_timeout=1500;
user_defined_function_warn_timeout=500;
user_function_timeout_policy=die; windows_timer_interval=1;
write_request_timeout_in_ms=2000]
INFO [main] 2018-06-18 09:51:11,612 DatabaseDescriptor.java:367 -
DiskAccessMode 'auto' determined to be mmap, indexAccessMode is mmap
INFO [main] 2018-06-18 09:51:11,613 DatabaseDescriptor.java:425 -
Global memtable on-heap threshold is enabled at 502MB
INFO [main] 2018-06-18 09:51:11,613 DatabaseDescriptor.java:429 -
Global memtable off-heap threshold is enabled at 502MB
INFO [main] 2018-06-18 09:51:11,846 RateBasedBackPressure.java:123 -
Initialized back-pressure with high ratio: 0.9, factor: 5, flow: FAST,
window size: 2000.
INFO [main] 2018-06-18 09:51:11,847 DatabaseDescriptor.java:729 -
Back-pressure is disabled with strategy
org.apache.cassandra.net.RateBasedBackPressure{high_ratio=0.9,
factor=5, flow=FAST}.
INFO [main] 2018-06-18 09:51:12,000 JMXServerUtils.java:246 -
Configured JMX server at: service:jmx:rmi://127.0.0.1/jndi/rmi://
127.0.0.1:7199/jmxrmi
INFO [main] 2018-06-18 09:51:12,011 CassandraDaemon.java:473 -
Hostname: Snehas-MBP.kc.umkc.edu
INFO [main] 2018-06-18 09:51:12,011 CassandraDaemon.java:480 - JVM
vendor/version: Java HotSpot(TM) 64-Bit Server VM/1.8.0_162
INFO [main] 2018-06-18 09:51:12,012 CassandraDaemon.java:481 - Heap
size: 1.961GiB/1.961GiB
INFO [main] 2018-06-18 09:51:12,014 CassandraDaemon.java:486 - Code
Cache Non-heap memory: init = 2555904(2496K) used = 4861504(4747K)
committed = 4915200(4800K) max = 251658240(245760K)
INFO [main] 2018-06-18 09:51:12,014 CassandraDaemon.java:486 -
Metaspace Non-heap memory: init = 0(0K) used = 17793400(17376K)
committed = 18350080(17920K) max = -1(-1K)
INFO [main] 2018-06-18 09:51:12,014 CassandraDaemon.java:486 -
Compressed Class Space Non-heap memory: init = 0(0K) used =
2174296(2123K) committed = 2359296(2304K) max = 1073741824(1048576K)
INFO [main] 2018-06-18 09:51:12,015 CassandraDaemon.java:486 - Par
Eden Space Heap memory: init = 335544320(327680K) used =
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107381296(104864K) committed = 335544320(327680K) max = 335544320(327680K)

INFO [main] 2018-06-18 09:51:12,015 CassandraDaemon.java:486 - Par Survivor Space Heap memory: init = 41943040(40960K) used = 0(0K) committed = 41943040(40960K) max = 41943040(40960K)

INFO [main] 2018-06-18 09:51:12,015 CassandraDaemon.java:486 - CMS Old Gen Heap memory: init = 1728053248(1687552K) used = 0(0K) committed = 1728053248(1687552K) max = 1728053248(1687552K)

INFO [main] 2018-06-18 09:51:12,015 CassandraDaemon.java:488 - Classpath: /usr/local/etc/cassandra:/usr/local/Cellar/cassandra/3.11.2_1/libexec/build/classes/main:/usr/local/Cellar/cassandra/3.11.2_1/libexec/build/classes/thrift:/usr/local/Cellar/cassandra/3.11.2_1/libexec/HdrHistogram-2.1.9.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/ST4-4.0.8.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/airline-0.6.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/antlr-runtime-3.5.2.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/apache-cassandra-3.11.2.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/apache-cassandra-thrift-3.11.2.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/asm-5.0.4.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/caffeine-2.2.6.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/cassandra-driver-core-3.0.1-shaded.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/commons-cli-1.1.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/commons-codec-1.9.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/commons-lang3-3.1.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/commons-math3-3.2.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/compress-lzf-0.8.4.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/concurrent-trees-2.4.0.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/concurrentlinkedhashmap-lru-1.4.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/disruptor-3.0.1.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/ecj-4.4.2.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/guava-18.0.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/high-scale-lib-1.0.6.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/hppc-0.5.4.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/jackson-core-asl-1.9.13.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/jackson-mapper-asl-1.9.13.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/jamm-0.3.0.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/javax.inject.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/jbcrypt-0.3m.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/jcl-over-slf4j-1.7.7.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/jctools-core-1.2.1.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/jflex-1.6.0.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/jna-4.2.2.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/joda-time-2.4.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/json-simple-1.1.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/jstackjunit-0.0.1.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/libthrift-0.9.2.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/log4j-over-slf4j-1.7.7.jar:/usr/local/Cellar/cassandra/3.11.2_1/libexec/logback-classic-1.1.3.jar:/usr/local/Cellar/cassandra/

```

3.11.2_1/libexec/logback-core-1.1.3.jar:/usr/local/Cellar/cassandra/
3.11.2_1/libexec/lz4-1.3.0.jar:/usr/local/Cellar/cassandra/3.11.2_1/
libexec/metrics-core-3.1.0.jar:/usr/local/Cellar/cassandra/3.11.2_1/
libexec/metrics-jvm-3.1.0.jar:/usr/local/Cellar/cassandra/3.11.2_1/
libexec/metrics-logback-3.1.0.jar:/usr/local/Cellar/cassandra/
3.11.2_1/libexec/netty-all-4.0.44.Final.jar:/usr/local/Cellar/
cassandra/3.11.2_1/libexec/ohc-core-0.4.4.jar:/usr/local/Cellar/
cassandra/3.11.2_1/libexec/ohc-core-j8-0.4.4.jar:/usr/local/Cellar/
cassandra/3.11.2_1/libexec/reporter-config-base-3.0.3.jar:/usr/local/
Cellar/cassandra/3.11.2_1/libexec/reporter-config3-3.0.3.jar:/usr/
local/Cellar/cassandra/3.11.2_1/libexec/sigar-1.6.4.jar:/usr/local/
Cellar/cassandra/3.11.2_1/libexec/slf4j-api-1.7.7.jar:/usr/local/
Cellar/cassandra/3.11.2_1/libexec/snakeyaml-1.11.jar:/usr/local/
Cellar/cassandra/3.11.2_1/libexec/snappy-java-1.1.1.7.jar:/usr/local/
Cellar/cassandra/3.11.2_1/libexec/snowball-stemmer-1.3.0.581.1.jar:/
usr/local/Cellar/cassandra/3.11.2_1/libexec/stream-2.5.2.jar:/usr/
local/Cellar/cassandra/3.11.2_1/libexec/thrift-server-0.3.7.jar:/usr/
local/Cellar/cassandra/3.11.2_1/libexec/lib/jsr223/*/*.jar:/usr/local/
Cellar/cassandra/3.11.2_1/libexec/jamm-0.3.0.jar
INFO [main] 2018-06-18 09:51:12,018 CassandraDaemon.java:490 - JVM
Arguments: [-Xloggc:/usr/local/Cellar/cassandra/3.11.2_1/libexec/logs/
gc.log, -ea, -XX:+UseThreadPriorities, -XX:ThreadPriorityPolicy=42, -
XX:+HeapDumpOnOutOfMemoryError, -Xss256k, -XX:StringTableSize=1000003,
-XX:+AlwaysPreTouch, -XX:-UseBiasedLocking, -XX:+UseTLAB, -XX:
+ResizeTLAB, -XX:+UseNUMA, -XX:+PerfDisableSharedMem, -
Djava.net.preferIPv4Stack=true, -XX:+UseParNewGC, -XX:
+UseConcMarkSweepGC, -XX:+CMSParallelRemarkEnabled, -
XX:SurvivorRatio=8, -XX:MaxTenuringThreshold=1, -
XX:CMSInitiatingOccupancyFraction=75, -XX:
+UseCMSInitiatingOccupancyOnly, -XX:CMSWaitDuration=10000, -XX:
+CMSParallelInitialMarkEnabled, -XX:+CMSEdenChunksRecordAlways, -XX:
+CMSClassUnloadingEnabled, -XX:+PrintGCDetails, -XX:
+PrintGCDateStamps, -XX:+PrintHeapAtGC, -XX:
+PrintTenuringDistribution, -XX:+PrintGCApplicationStoppedTime, -XX:
+PrintPromotionFailure, -XX:+UseGCLogFileRotation, -
XX:NumberOfGCLogFiles=10, -XX:GCLogFileSize=10M, -Xms2048M, -Xmx2048M,
-Xmn400M, -XX:+UseCondCardMark, -XX:CompileCommandFile=/usr/local/etc/
cassandra/hotspot_compiler, -javaagent:/usr/local/Cellar/cassandra/
3.11.2_1/libexec/jamm-0.3.0.jar, -Dcassandra.jmx.local.port=7199, -
Dcom.sun.management.jmxremote.authenticate=false, -
Dcom.sun.management.jmxremote.password.file=/etc/cassandra/
jmxremote.password, -Djava.library.path=/usr/local/Cellar/cassandra/
3.11.2_1/libexec/sigar-bin, -XX:OnOutOfMemoryError=kill -9 %p, -
Dlogback.configurationFile=logback.xml, -Dcassandra.logdir=/usr/local/
var/log/cassandra, -Dcassandra.storagedir=/usr/local/var/lib/
cassandra]
WARN [main] 2018-06-18 09:51:12,072 StartupChecks.java:136 - jemalloc
shared library could not be preloaded to speed up memory allocations

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WARN [main] 2018-06-18 09:51:12,073 StartupChecks.java:169 - JMX is not enabled to receive remote connections. Please see cassandra-env.sh for more info.

INFO [main] 2018-06-18 09:51:12,076 SigarLibrary.java:44 - Initializing SIGAR library

INFO [main] 2018-06-18 09:51:12,097 SigarLibrary.java:57 - Could not initialize SIGAR library

org.hyperic.sigar.Sigar.getFileSystemListNative()[Lorg/hyperic/sigar/FileSystem;

INFO [main] 2018-06-18 09:51:12,098 SigarLibrary.java:185 - Sigar could not be initialized, test for checking degraded mode omitted.

INFO [main] 2018-06-18 09:51:12,298 QueryProcessor.java:116 - Initialized prepared statement caches with 10 MB (native) and 10 MB (Thrift)

INFO [main] 2018-06-18 09:51:12,946 ColumnFamilyStore.java:411 - Initializing system.IndexInfo

INFO [main] 2018-06-18 09:51:13,814 ColumnFamilyStore.java:411 - Initializing system.batches

INFO [main] 2018-06-18 09:51:13,823 ColumnFamilyStore.java:411 - Initializing system.paxos

INFO [main] 2018-06-18 09:51:13,841 ColumnFamilyStore.java:411 - Initializing system.local

INFO [SSTableBatchOpen:2] 2018-06-18 09:51:13,878 BufferPool.java:230 - Global buffer pool is enabled, when pool is exhausted (max is 502.000MiB) it will allocate on heap

INFO [main] 2018-06-18 09:51:14,146 CacheService.java:112 - Initializing key cache with capacity of 100 MBs.

INFO [main] 2018-06-18 09:51:14,154 CacheService.java:134 - Initializing row cache with capacity of 0 MBs

INFO [main] 2018-06-18 09:51:14,156 CacheService.java:163 - Initializing counter cache with capacity of 50 MBs

INFO [main] 2018-06-18 09:51:14,157 CacheService.java:174 - Scheduling counter cache save to every 7200 seconds (going to save all keys).

INFO [main] 2018-06-18 09:51:14,171 ColumnFamilyStore.java:411 - Initializing system.peers

INFO [main] 2018-06-18 09:51:14,176 ColumnFamilyStore.java:411 - Initializing system.peer_events

INFO [main] 2018-06-18 09:51:14,181 ColumnFamilyStore.java:411 - Initializing system.range_xfers

INFO [main] 2018-06-18 09:51:14,188 ColumnFamilyStore.java:411 - Initializing system.compaction_history

INFO [main] 2018-06-18 09:51:14,205 ColumnFamilyStore.java:411 - Initializing system.sstable_activity

INFO [main] 2018-06-18 09:51:14,220 ColumnFamilyStore.java:411 - Initializing system.size_estimates

INFO [main] 2018-06-18 09:51:14,234 ColumnFamilyStore.java:411 - Initializing system.available_ranges

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INFO [main] 2018-06-18 09:51:14,239 ColumnFamilyStore.java:411 -
Initializing system.transferred_ranges
INFO [main] 2018-06-18 09:51:14,244 ColumnFamilyStore.java:411 -
Initializing system.views_builds_in_progress
INFO [main] 2018-06-18 09:51:14,251 ColumnFamilyStore.java:411 -
Initializing system.built_views
INFO [main] 2018-06-18 09:51:14,256 ColumnFamilyStore.java:411 -
Initializing system.hints
INFO [main] 2018-06-18 09:51:14,261 ColumnFamilyStore.java:411 -
Initializing system.batchlog
INFO [main] 2018-06-18 09:51:14,266 ColumnFamilyStore.java:411 -
Initializing system.prepared_statements
INFO [main] 2018-06-18 09:51:14,272 ColumnFamilyStore.java:411 -
Initializing system.schema_keyspaces
INFO [main] 2018-06-18 09:51:14,278 ColumnFamilyStore.java:411 -
Initializing system.schema_columnfamilies
INFO [main] 2018-06-18 09:51:14,284 ColumnFamilyStore.java:411 -
Initializing system.schema_columns
INFO [main] 2018-06-18 09:51:14,295 ColumnFamilyStore.java:411 -
Initializing system.schema_triggers
INFO [main] 2018-06-18 09:51:14,301 ColumnFamilyStore.java:411 -
Initializing system.schema_usertypes
INFO [main] 2018-06-18 09:51:14,306 ColumnFamilyStore.java:411 -
Initializing system.schema_functions
INFO [main] 2018-06-18 09:51:14,310 ColumnFamilyStore.java:411 -
Initializing system.schema_aggregates
INFO [main] 2018-06-18 09:51:14,312 ViewManager.java:137 - Not
submitting build tasks for views in keyspace system as storage service
is not initialized
INFO [main] 2018-06-18 09:51:14,537 ApproximateTime.java:44 -
Scheduling approximate time-check task with a precision of 10
milliseconds
INFO [main] 2018-06-18 09:51:14,589 ColumnFamilyStore.java:411 -
Initializing system_schema.keyspaces
INFO [main] 2018-06-18 09:51:14,601 ColumnFamilyStore.java:411 -
Initializing system_schema.tables
INFO [main] 2018-06-18 09:51:14,614 ColumnFamilyStore.java:411 -
Initializing system_schema.columns
INFO [main] 2018-06-18 09:51:14,624 ColumnFamilyStore.java:411 -
Initializing system_schema.triggers
INFO [main] 2018-06-18 09:51:14,634 ColumnFamilyStore.java:411 -
Initializing system_schema.dropped_columns
INFO [main] 2018-06-18 09:51:14,643 ColumnFamilyStore.java:411 -
Initializing system_schema.views
INFO [main] 2018-06-18 09:51:14,652 ColumnFamilyStore.java:411 -
Initializing system_schema.types
INFO [main] 2018-06-18 09:51:14,660 ColumnFamilyStore.java:411 -
Initializing system_schema.functions
```

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INFO [main] 2018-06-18 09:51:14,670 ColumnFamilyStore.java:411 -
Initializing system_schema.aggregates
INFO [main] 2018-06-18 09:51:14,678 ColumnFamilyStore.java:411 -
Initializing system_schema.indexes
INFO [main] 2018-06-18 09:51:14,683 ViewManager.java:137 - Not
submitting build tasks for views in keyspace system_schema as storage
service is not initialized
INFO [main] 2018-06-18 09:51:15,004 StorageService.java:600 -
Populating token metadata from system tables
INFO [main] 2018-06-18 09:51:15,018 StorageService.java:607 - Token
metadata: Normal Tokens:
localhost/127.0.0.1:[-9026761047877258658, -8863664228657940441,
-8856546727186524548, -8849810436042757195, -8838794054212461793,
-8797311564852058922, -8754816238671437944, -8646248219423897953,
-8645897360544323926, -8621713496786346560, -8608213067354309626,
-8573538341296563226, -8499203212830446491, -8408288389092289471,
-8325487685395428413, -8133615639807576905, -8108907921160891634,
-7976908599692069955, -7910197027097023906, -7572395130333935619,
-7449097640665434342, -7399657112422247077, -7368716200829867098,
-7167626097616874371, -7166459221906524952, -6960166881372554423,
-6956814744183785438, -6921694107974813359, -6905860486873155964,
-6887439449906782520, -6868155379206622554, -6834583654495918194,
-6812590863730399665, -6740849072184197251, -6533843850308139358,
-6474978764202896936, -6429217034485631877, -6372549342010050351,
-6209956876790517073, -6177612966287165114, -6145090597799903035,
-6132017186625194148, -6127701730883686560, -6006608537529070965,
-6002364729248284663, -5998169685379312984, -5923053666175806286,
-5833985830985023009, -5684536361033146522, -5631541941414953321,
-5622123214666735529, -5618950216355531952, -5553878417555410399,
-5421395665844014899, -5320020232707751793, -5221285139318473044,
-5142556669851555411, -4933311242316911067, -4926599262853396357,
-4858612018614817164, -4845863836457831742, -4754883257389307036,
-4663913587581284204, -4626305642402541808, -4612625144376992527,
-4604576536694876333, -4573956228448992799, -4546911655433250026,
-4347031052619519549, -4303903108466055863, -4028236305170910412,
-3982978570984543035, -3904261609540054872, -3879733914366050248,
-3867990345520289454, -3849741127762992205, -3732994497242344856,
-3662633646715660329, -3509038029661554507, -3303756181195674278,
-3254430535662168100, -3218988580555790837, -3135825506031896828,
-3051634711881867300, -2898512921124166708, -2782971155946115366,
-2717837184135975621, -2667962472535429032, -2651449694782909876,
-2643259284168487027, -2558575431114052687, -2505567920653673324,
-2406086576153124908, -2400550057099416281, -2275819694414157920,
-2267421399340619230, -2245623144684643153, -2147635207819787056,
-2038977733600124582, -2025515294560673804, -1924678705218852083,
-1843558513405393690, -1815136606335520389, -1534883608441050271,
-1511186762102675744, -1510894698205753280, -1479213589333639214,
-1471964680257812976, -1434066400904642672, -1367540871371887995,
-1333960589564308336, -1292463818498486471, -1263777815854058026,
```

-1191790832398195596, -1160865240395558338, -1122317029888936380,
-1043239554094101696, -868857638413457855, -780755517831756771,
-775307229864779624, -665854870482784635, -529869996928970990,
-315620209854996052, -301901140660171511, -95363410797733009,
-35684843694867245, 242451812749737714, 253393070163883882,
314980887965438557, 325155202823315009, 362803164160003351,
372275126815459674, 404815239138010665, 416516908509308556,
473664338306415633, 500146845231655780, 561665546591044778,
580907234240787762, 584561849820577440, 661562997732584932,
760538167526742843, 806970399831545667, 826252789275687798,
857244200007399985, 981200585134201250, 1033373648766360501,
1041099672357946150, 1096868968351673619, 1404243476949381133,
1483999426332208351, 1556249519527695943, 1668336359383063291,
1699243266442513313, 1822928614009187409, 1903161259671033865,
1923461581200905279, 1988039613531538611, 2121199376089891963,
2281042058831335567, 2514901872403192843, 2653244625656842732,
2670731501365673047, 2916441270829246890, 2917663670624534003,
3141868625334369743, 3225863835007996444, 3385174109133985057,
3394608262901063900, 3469890443139753750, 3488919622131978990,
3557414342129646714, 3650820767524697235, 3725430429903113971,
3798419108012330395, 3810057951575848518, 3824428292495131915,
3834498100434035130, 3941020701817810443, 3955876219803631122,
3958721812313556974, 4173903509491927722, 4197326069118799008,
4398033971313206421, 4479419632765708505, 4511290385981229420,
4529183270617778211, 4576283277000070435, 4757264362479322828,
4792932429028095764, 4829872135372343108, 4908614687489653708,
5058224273360381372, 5061539705414655326, 5219239917263859906,
5245170105674092801, 5390342580642266767, 5428719852349558882,
5578421875608041465, 5588448548957765335, 5607532249671937155,
5617369041078863296, 5621396305889722839, 5646156098692404357,
5649708375780352284, 5773138917776578333, 5928121428042510730,
5964803705193858763, 6264621198100536106, 6282995540425701388,
6320226405485837942, 6436659175178572959, 6568596930864929590,
6576193468081657670, 6684619482205385192, 6715691197656050258,
6844521362566720300, 6922910287628964611, 7002373567995419762,
7036195088133849443, 7164221184353390584, 7193469995323207580,
7206331730940893246, 7232245744794175876, 7247565705519466759,
7330286791303997082, 7699907500241878823, 7730111844786360061,
7732334650974390412, 7761851341676257025, 7820563960340634146,
8130695384414929407, 8141065775960889479, 8177696457447517956,
8185789327565485441, 8190300686082606668, 8433807191151212990,
8476168982960129510, 8482794351030060365, 8543436338233923030,
8595779369413465594, 8643097806415623992, 8658735337578166208,
8750166721294913286, 8755754866675393881, 8767525347156491542,
8792102992530266574, 8840260930738293805, 8962443302981134068,
8989721186649293978, 9000430149883270827, 9020408667670913703,
9060203948815984512, 9089635316450674290, 9089962182012212408,
9132306334677101823, 9155931039223218289]

INFO [main] 2018-06-18 09:51:15,165 ColumnFamilyStore.java:411 - Initializing system_distributed.parent_repair_history
INFO [main] 2018-06-18 09:51:15,208 ColumnFamilyStore.java:411 - Initializing system_distributed.repair_history
INFO [main] 2018-06-18 09:51:15,243 ColumnFamilyStore.java:411 - Initializing system_distributed.view_build_status
INFO [main] 2018-06-18 09:51:15,273 ViewManager.java:137 - Not submitting build tasks for views in keyspace system_distributed as storage service is not initialized
INFO [main] 2018-06-18 09:51:15,277 ColumnFamilyStore.java:411 - Initializing system_auth.resource_role_permissions_index
INFO [main] 2018-06-18 09:51:15,282 ColumnFamilyStore.java:411 - Initializing system_auth.role_members
INFO [main] 2018-06-18 09:51:15,288 ColumnFamilyStore.java:411 - Initializing system_auth.role_permissions
INFO [main] 2018-06-18 09:51:15,293 ColumnFamilyStore.java:411 - Initializing system_auth.roles
INFO [main] 2018-06-18 09:51:15,304 ViewManager.java:137 - Not submitting build tasks for views in keyspace system_auth as storage service is not initialized
INFO [main] 2018-06-18 09:51:15,307 ColumnFamilyStore.java:411 - Initializing snehatest.emp
INFO [main] 2018-06-18 09:51:15,331 ViewManager.java:137 - Not submitting build tasks for views in keyspace snehatest as storage service is not initialized
INFO [main] 2018-06-18 09:51:15,335 ColumnFamilyStore.java:411 - Initializing system_traces.events
INFO [main] 2018-06-18 09:51:15,349 ColumnFamilyStore.java:411 - Initializing system_traces.sessions
INFO [main] 2018-06-18 09:51:15,364 ViewManager.java:137 - Not submitting build tasks for views in keyspace system_traces as storage service is not initialized
INFO [pool-3-thread-1] 2018-06-18 09:51:15,366 AutoSavingCache.java:197 - reading saved cache /usr/local/var/lib/cassandra/saved_caches/KeyCache-e.db
INFO [pool-3-thread-1] 2018-06-18 09:51:15,378 AutoSavingCache.java:173 - Completed loading (12 ms; 19 keys) KeyCache cache
INFO [main] 2018-06-18 09:51:15,390 CommitLog.java:157 - Replaying /usr/local/var/lib/cassandra/commitlog/CommitLog-6-1528154213168.log
INFO [main] 2018-06-18 09:51:15,411 CommitLog.java:159 - Log replay complete, 0 replayed mutations
INFO [main] 2018-06-18 09:51:15,412 StorageService.java:600 - Populating token metadata from system tables
INFO [main] 2018-06-18 09:51:15,420 StorageService.java:607 - Token metadata: Normal Tokens:
localhost/127.0.0.1:[-9026761047877258658, -8863664228657940441, -8856546727186524548, -8849810436042757195, -8838794054212461793, -8797311564852058922, -8754816238671437944, -8646248219423897953, -8645897360544323926, -8621713496786346560, -8608213067354309626,

-8573538341296563226, -8499203212830446491, -8408288389092289471,
-8325487685395428413, -8133615639807576905, -8108907921160891634,
-7976908599692069955, -7910197027097023906, -7572395130333935619,
-7449097640665434342, -7399657112422247077, -7368716200829867098,
-7167626097616874371, -7166459221906524952, -6960166881372554423,
-6956814744183785438, -6921694107974813359, -6905860486873155964,
-6887439449906782520, -6868155379206622554, -6834583654495918194,
-6812590863730399665, -6740849072184197251, -6533843850308139358,
-6474978764202896936, -6429217034485631877, -6372549342010050351,
-6209956876790517073, -6177612966287165114, -6145090597799903035,
-6132017186625194148, -6127701730883686560, -6006608537529070965,
-6002364729248284663, -5998169685379312984, -5923053666175806286,
-5833985830985023009, -5684536361033146522, -5631541941414953321,
-5622123214666735529, -5618950216355531952, -5553878417555410399,
-5421395665844014899, -5320020232707751793, -5221285139318473044,
-5142556669851555411, -4933311242316911067, -4926599262853396357,
-4858612018614817164, -4845863836457831742, -4754883257389307036,
-4663913587581284204, -4626305642402541808, -4612625144376992527,
-4604576536694876333, -4573956228448992799, -4546911655433250026,
-4347031052619519549, -4303903108466055863, -4028236305170910412,
-3982978570984543035, -3904261609540054872, -3879733914366050248,
-3867990345520289454, -3849741127762992205, -3732994497242344856,
-3662633646715660329, -3509038029661554507, -3303756181195674278,
-3254430535662168100, -3218988580555790837, -3135825506031896828,
-3051634711881867300, -2898512921124166708, -2782971155946115366,
-2717837184135975621, -2667962472535429032, -2651449694782909876,
-2643259284168487027, -2558575431114052687, -2505567920653673324,
-2406086576153124908, -2400550057099416281, -2275819694414157920,
-2267421399340619230, -2245623144684643153, -2147635207819787056,
-2038977733600124582, -2025515294560673804, -1924678705218852083,
-1843558513405393690, -1815136606335520389, -1534883608441050271,
-1511186762102675744, -1510894698205753280, -1479213589333639214,
-1471964680257812976, -1434066400904642672, -1367540871371887995,
-1333960589564308336, -1292463818498486471, -1263777815854058026,
-1191790832398195596, -1160865240395558338, -1122317029888936380,
-1043239554094101696, -868857638413457855, -780755517831756771,
-775307229864779624, -665854870482784635, -529869996928970990,
-315620209854996052, -301901140660171511, -95363410797733009,
-35684843694867245, 242451812749737714, 253393070163883882,
314980887965438557, 325155202823315009, 362803164160003351,
372275126815459674, 404815239138010665, 416516908509308556,
473664338306415633, 500146845231655780, 561665546591044778,
580907234240787762, 584561849820577440, 661562997732584932,
760538167526742843, 806970399831545667, 826252789275687798,
857244200007399985, 981200585134201250, 1033373648766360501,
1041099672357946150, 1096868968351673619, 1404243476949381133,
1483999426332208351, 1556249519527695943, 1668336359383063291,
1699243266442513313, 1822928614009187409, 1903161259671033865,
1923461581200905279, 1988039613531538611, 2121199376089891963,

2281042058831335567, 2514901872403192843, 2653244625656842732,
2670731501365673047, 2916441270829246890, 2917663670624534003,
3141868625334369743, 3225863835007996444, 3385174109133985057,
3394608262901063900, 3469890443139753750, 3488919622131978990,
3557414342129646714, 3650820767524697235, 3725430429903113971,
3798419108012330395, 3810057951575848518, 3824428292495131915,
3834498100434035130, 3941020701817810443, 3955876219803631122,
3958721812313556974, 4173903509491927722, 4197326069118799008,
4398033971313206421, 4479419632765708505, 4511290385981229420,
4529183270617778211, 4576283277000070435, 4757264362479322828,
4792932429028095764, 4829872135372343108, 4908614687489653708,
5058224273360381372, 5061539705414655326, 5219239917263859906,
5245170105674092801, 5390342580642266767, 5428719852349558882,
5578421875608041465, 5588448548957765335, 5607532249671937155,
5617369041078863296, 5621396305889722839, 5646156098692404357,
5649708375780352284, 5773138917776578333, 5928121428042510730,
5964803705193858763, 6264621198100536106, 6282995540425701388,
6320226405485837942, 6436659175178572959, 6568596930864929590,
6576193468081657670, 6684619482205385192, 6715691197656050258,
6844521362566720300, 6922910287628964611, 7002373567995419762,
7036195088133849443, 7164221184353390584, 7193469995323207580,
7206331730940893246, 7232245744794175876, 7247565705519466759,
7330286791303997082, 7699907500241878823, 7730111844786360061,
7732334650974390412, 7761851341676257025, 7820563960340634146,
8130695384414929407, 8141065775960889479, 8177696457447517956,
8185789327565485441, 8190300686082606668, 8433807191151212990,
8476168982960129510, 8482794351030060365, 8543436338233923030,
8595779369413465594, 8643097806415623992, 8658735337578166208,
8750166721294913286, 8755754866675393881, 8767525347156491542,
8792102992530266574, 8840260930738293805, 8962443302981134068,
8989721186649293978, 9000430149883270827, 9020408667670913703,
9060203948815984512, 9089635316450674290, 9089962182012212408,
9132306334677101823, 9155931039223218289]

INFO [main] 2018-06-18 09:51:15,520 QueryProcessor.java:163 -
Preloaded 0 prepared statements
INFO [main] 2018-06-18 09:51:15,521 StorageService.java:618 -
Cassandra version: 3.11.2
INFO [main] 2018-06-18 09:51:15,521 StorageService.java:619 - Thrift
API version: 20.1.0
INFO [main] 2018-06-18 09:51:15,521 StorageService.java:620 - CQL
supported versions: 3.4.4 (default: 3.4.4)
INFO [main] 2018-06-18 09:51:15,522 StorageService.java:622 - Native
protocol supported versions: 3/v3, 4/v4, 5/v5-beta (default: 4/v4)
INFO [main] 2018-06-18 09:51:15,558 IndexSummaryManager.java:85 -
Initializing index summary manager with a memory pool size of 100 MB
and a resize interval of 60 minutes
INFO [main] 2018-06-18 09:51:15,585 MessagingService.java:753 -
Starting Messaging Service on localhost/127.0.0.1:7000 (lo)

INFO [main] 2018-06-18 09:51:15,606 StorageService.java:707 - Loading persisted ring state
INFO [main] 2018-06-18 09:51:15,607 StorageService.java:825 - Starting up server gossip
INFO [main] 2018-06-18 09:51:15,649 TokenMetadata.java:479 - Updating topology for localhost/127.0.0.1
INFO [main] 2018-06-18 09:51:15,649 TokenMetadata.java:479 - Updating topology for localhost/127.0.0.1
INFO [main] 2018-06-18 09:51:15,682 StorageService.java:991 - Using saved tokens [-1043239554094101696, -1122317029888936380, -1160865240395558338, -1191790832398195596, -1263777815854058026, -1292463818498486471, -1333960589564308336, -1367540871371887995, -1434066400904642672, -1471964680257812976, -1479213589333639214, -1510894698205753280, -1511186762102675744, -1534883608441050271, -1815136606335520389, -1843558513405393690, -1924678705218852083, -2025515294560673804, -2038977733600124582, -2147635207819787056, -2245623144684643153, -2267421399340619230, -2275819694414157920, -2400550057099416281, -2406086576153124908, -2505567920653673324, -2558575431114052687, -2643259284168487027, -2651449694782909876, -2667962472535429032, -2717837184135975621, -2782971155946115366, -2898512921124166708, -301901140660171511, -3051634711881867300, -3135825506031896828, -315620209854996052, -3218988580555790837, -3254430535662168100, -3303756181195674278, -3509038029661554507, -35684843694867245, -3662633646715660329, -3732994497242344856, -3849741127762992205, -3867990345520289454, -3879733914366050248, -3904261609540054872, -3982978570984543035, -4028236305170910412, -4303903108466055863, -4347031052619519549, -4546911655433250026, -4573956228448992799, -4604576536694876333, -4612625144376992527, -4626305642402541808, -4663913587581284204, -4754883257389307036, -4845863836457831742, -4858612018614817164, -4926599262853396357, -4933311242316911067, -5142556669851555411, -5221285139318473044, -529869996928970990, -5320020232707751793, -5421395665844014899, -5553878417555410399, -5618950216355531952, -5622123214666735529, -5631541941414953321, -5684536361033146522, -5833985830985023009, -5923053666175806286, -5998169685379312984, -6002364729248284663, -6006608537529070965, -6127701730883686560, -6132017186625194148, -6145090597799903035, -6177612966287165114, -6209956876790517073, -6372549342010050351, -6429217034485631877, -6474978764202896936, -6533843850308139358, -665854870482784635, -6740849072184197251, -6812590863730399665, -6834583654495918194, -6868155379206622554, -6887439449906782520, -6905860486873155964, -6921694107974813359, -6956814744183785438, -6960166881372554423, -7166459221906524952, -7167626097616874371, -7368716200829867098, -7399657112422247077, -7449097640665434342, -7572395130333935619, -775307229864779624, -780755517831756771, -7910197027097023906, -7976908599692069955, -8108907921160891634, -8133615639807576905, -8325487685395428413, -8408288389092289471, -8499203212830446491, -8573538341296563226, -8608213067354309626, -8621713496786346560, -8645897360544323926, -8646248219423897953, -868857638413457855, -8754816238671437944,

-8797311564852058922, -8838794054212461793, -8849810436042757195,
-8856546727186524548, -8863664228657940441, -9026761047877258658,
-95363410797733009, 1033373648766360501, 1041099672357946150,
1096868968351673619, 1404243476949381133, 1483999426332208351,
1556249519527695943, 1668336359383063291, 1699243266442513313,
1822928614009187409, 1903161259671033865, 1923461581200905279,
1988039613531538611, 2121199376089891963, 2281042058831335567,
242451812749737714, 2514901872403192843, 253393070163883882,
2653244625656842732, 2670731501365673047, 2916441270829246890,
2917663670624534003, 3141868625334369743, 314980887965438557,
3225863835007996444, 325155202823315009, 3385174109133985057,
3394608262901063900, 3469890443139753750, 3488919622131978990,
3557414342129646714, 362803164160003351, 3650820767524697235,
372275126815459674, 3725430429903113971, 3798419108012330395,
3810057951575848518, 3824428292495131915, 3834498100434035130,
3941020701817810443, 3955876219803631122, 3958721812313556974,
404815239138010665, 416516908509308556, 4173903509491927722,
4197326069118799008, 4398033971313206421, 4479419632765708505,
4511290385981229420, 4529183270617778211, 4576283277000070435,
473664338306415633, 4757264362479322828, 4792932429028095764,
4829872135372343108, 4908614687489653708, 500146845231655780,
5058224273360381372, 5061539705414655326, 5219239917263859906,
5245170105674092801, 5390342580642266767, 5428719852349558882,
5578421875608041465, 5588448548957765335, 5607532249671937155,
561665546591044778, 5617369041078863296, 5621396305889722839,
5646156098692404357, 5649708375780352284, 5773138917776578333,
580907234240787762, 584561849820577440, 5928121428042510730,
5964803705193858763, 6264621198100536106, 6282995540425701388,
6320226405485837942, 6436659175178572959, 6568596930864929590,
6576193468081657670, 661562997732584932, 6684619482205385192,
6715691197656050258, 6844521362566720300, 6922910287628964611,
7002373567995419762, 7036195088133849443, 7164221184353390584,
7193469995323207580, 7206331730940893246, 7232245744794175876,
7247565705519466759, 7330286791303997082, 760538167526742843,
7699907500241878823, 7730111844786360061, 7732334650974390412,
7761851341676257025, 7820563960340634146, 806970399831545667,
8130695384414929407, 8141065775960889479, 8177696457447517956,
8185789327565485441, 8190300686082606668, 826252789275687798,
8433807191151212990, 8476168982960129510, 8482794351030060365,
8543436338233923030, 857244200007399985, 8595779369413465594,
8643097806415623992, 8658735337578166208, 8750166721294913286,
8755754866675393881, 8767525347156491542, 8792102992530266574,
8840260930738293805, 8962443302981134068, 8989721186649293978,
9000430149883270827, 9020408667670913703, 9060203948815984512,
9089635316450674290, 9089962182012212408, 9132306334677101823,
9155931039223218289, 981200585134201250]

INFO [main] 2018-06-18 09:51:15,697 StorageService.java:1449 -
JOINING: Finish joining ring

```
INFO [main] 2018-06-18 09:51:15,714 SecondaryIndexManager.java:509 -
Executing pre-join tasks for: CFS(Keyspace='snehatest',
ColumnFamily='emp')
INFO [main] 2018-06-18 09:51:15,747 StorageService.java:2292 - Node
localhost/127.0.0.1 state jump to NORMAL
```

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```
Snehas-MacBook-Pro:bin snehamishra$ cqlsh
Connected to Test Cluster at 127.0.0.1:9042.
[cqlsh 5.0.1 | Cassandra 3.11.2 | CQL spec 3.4.4 | Native protocol v4]
Use HELP for help.
cqlsh> describe BDP_lab1
```

'bdp_lab1' not found in keyspaces

```
cqlsh> describe BDP_Lab1
```

'bdp_lab1' not found in keyspaces

```
cqlsh> CREATE KEYSPACE BDP_lab1 WITH
replication{'class':'SimpleStrategy','replication_factor':1};
SyntaxException: line 1:41 no viable alternative at input '{' (CREATE
KEYSPACE BDP_lab1 WITH [replication]{...})
cqlsh> CREATE KEYSPACE BDP_lab1 WITH
replication{'class':'SimpleStrategy','replication_factor':1};
SyntaxException: line 1:41 no viable alternative at input '{' (CREATE
KEYSPACE BDP_lab1 WITH [replication]{...})
cqlsh> CREATE KEYSPACE IF NOT EXISTS lab1 WITH REPLICATION = 1;
SyntaxException: Invalid value for property 'replication'. It should
be a map.
cqlsh> CREATE KEYSPACE BDP_lab1 WITH
replication={'replication_factor':1};
ConfigurationException: Missing mandatory replication strategy class
cqlsh> CREATE KEYSPACE lab1 WITH
replication={'class':'SimpleStrategy','replication_factor':1};
cqlsh> use lab1
... ;
cqlsh:lab1> CREATE TABLE facebook (userID int PRIMARY KEY, user1 text,
user2 text, user3 text);
cqlsh:lab1> select * from facebook;
```

userid	user1	user2	user3
--------	-------	-------	-------

(0 rows)

```
cqlsh:lab1> INSERT INTO facebook (userID,user1) VALUES (1,'I live in
mission_KS');
cqlsh:lab1> select * from facebook;
```

userid	user1	user2	user3
1	I live in mission_KS	null	null

(1 rows)

```
cqlsh:lab1> INSERT INTO facebook (userID,user2,user3) VALUES (2,'I am
in ranchi','my contact info is - 9137283645');
cqlsh:lab1> select * from facebook;
```

userid	user1	user2	user3
1	I live in mission_KS	null	
2		null	I am in ranchi my contact info is - 9137283645

(2 rows)

```
cqlsh:lab1> INSERT INTO facebook (userID,user1,user3) VALUES (3,'My
name is Sneha','my number is 9211');
cqlsh:lab1> select * from facebook;
```

userid	user1	user2	user3
1	I live in mission_KS	null	
2		null	I am in ranchi my contact info is - 9137283645
3	My name is Sneha	null	my number is 9211

(3 rows)

```
cqlsh:lab1> INSERT INTO facebook (userID,user1,user2,user3) VALUES
(4,'this is Aditya','how are you','call me on 420');
cqlsh:lab1> select * from facebook;
```

userid	user1	user2	user3
1	I live in mission_KS	null	
2		null	I am in ranchi my contact info is - 9137283645
4	this is Aditya	how are you	
3	My name is Sneha	null	my number is 9211

(4 rows)

```
cqlsh:lab1> SELECT userID FROM facebook WHERE user1=='mission_KS';
```

SyntaxException: line 1:40 no viable alternative at input

'=' (...userID FROM facebook WHERE user1=[=]...)

cqlsh:lab1> SELECT userID FROM facebook WHERE user1='mission_KS';

InvalidRequest: Error from server: code=2200 [Invalid query]

message="Cannot execute this query as it might involve data filtering and thus may have unpredictable performance. If you want to execute this query despite the performance unpredictability, use ALLOW FILTERING"

cqlsh:lab1> SELECT userID FROM facebook WHERE user1='mission_KS' ALLOW FILTERING;

userid

(0 rows)

cqlsh:lab1> SELECT userID FROM facebook WHERE user1='i live ib mission_KS' ALLOW FILTERING;

userid

(0 rows)

cqlsh:lab1> SELECT userID FROM facebook WHERE user1='i live is mission_KS' ALLOW FILTERING;

userid

(0 rows)

cqlsh:lab1> SELECT userID FROM facebook WHERE user1='I live is mission_KS' ALLOW FILTERING;

userid

(0 rows)

cqlsh:lab1> SELECT userID FROM facebook WHERE user1=I live is mission_KS ALLOW FILTERING;

SyntaxException: line 1:42 no viable alternative at input

'live' (...userID FROM facebook WHERE user1=[I] live...)

cqlsh:lab1> SELECT userID FROM facebook WHERE user1.contains("KS") ALLOW FILTERING;

SyntaxException: line 1:39 no viable alternative at input '.' (SELECT userID FROM facebook WHERE [user1]....)

cqlsh:lab1> SELECT userID FROM facebook WHERE user1.contains('mission_KS') ALLOW FILTERING;

SyntaxException: line 1:39 no viable alternative at input '.' (SELECT userID FROM facebook WHERE [user1]....)

```
cqlsh:lab1> SELECT userID FROM facebook WHERE user1 contains
"mission_KS" ALLOW FILTERING;
```

SyntaxException: line 1:62 no viable alternative at input 'ALLOW' (...FROM facebook WHERE user1 contains ["mission_K]S" ALLOW...)

```
cqlsh:lab1> SELECT userID FROM facebook WHERE user1 contains
"mission_KS";
```

SyntaxException: line 1:61 no viable alternative at input ';' (...FROM facebook WHERE user1 contains ["mission_K]S");)

```
cqlsh:lab1> SELECT userID FROM facebook WHERE user1='I live in
mission_KS' ALLOW FILTERING;
```

userid

1

(1 rows)

```
cqlsh:lab1> SELECT user3 FROM facebook;
```

user3

my contact info is - 9137283645
call me on 420
my number is 9211

(4 rows)

```
cqlsh:lab1> SELECT * FROM facebook WHERE userID=4 ALLOW FILTERING;
```

userid	user1	user2	user3
---------------	--------------	--------------	--------------

-----+-----+-----+-----

4	this is Aditya	how are you	call me on 420
----------	-----------------------	--------------------	-----------------------

(1 rows)

```
cqlsh:lab1> DESCRIBE lab1;
```

```
CREATE KEYSPACE lab1 WITH replication = {'class': 'SimpleStrategy',
'replication_factor': '1'} AND durable_writes = true;
```

```
CREATE TABLE lab1.facebook (
    userid int PRIMARY KEY,
    user1 text,
    user2 text,
    user3 text
) WITH bloom_filter_fp_chance = 0.01
    AND caching = {'keys': 'ALL', 'rows_per_partition': 'NONE'}
    AND comment = ''
```

```
    AND compaction = {'class':  
'org.apache.cassandra.db.compaction.SizeTieredCompactionStrategy',  
'max_threshold': '32', 'min_threshold': '4'}  
    AND compression = {'chunk_length_in_kb': '64', 'class':  
'org.apache.cassandra.io.compress.LZ4Compressor'}  
    AND crc_check_chance = 1.0  
    AND dclocal_read_repair_chance = 0.1  
    AND default_time_to_live = 0  
    AND gc_grace_seconds = 864000  
    AND max_index_interval = 2048  
    AND memtable_flush_period_in_ms = 0  
    AND min_index_interval = 128  
    AND read_repair_chance = 0.0  
    AND speculative_retry = '99PERCENTILE';
```

cqlsh:lab1>