[Cassandra-2525](https://www.google.com/url?q=https://issues.apache.org/jira/browse/CASSANDRA-2525&sa=D&source=editors&ust=1751363457438062&usg=AOvVaw3Y6G83Rtf-D9EIt0sgmU4d)

CQL: create keyspace does not the replication factor argument and allows invalid sql to pass thru

**(1)  Log information**

Ran the following SQL in cqlsh and immediately received a socket closed error.

create keyspace testcli with replication\_factor=1

and placement\_strategy = 'org.apache.cassandra.locator.SimpleStrategy';

After that point, I couldn't run nodetool, and then got an exception starting up the cluster.

ERROR 01:29:26,989 Exception encountered during startup.

java.lang.RuntimeException: org.apache.cassandra.config.ConfigurationException: SimpleStrategy requires a replication\_factor strategy option.

                      at org.apache.cassandra.db.Table.<init>(Table.java:278)

                      at org.apache.cassandra.db.Table.open(Table.java:110)

                      at org.apache.cassandra.service.AbstractCassandraDaemon.setup(AbstractCassandraDaemon.java:160)

                      at org.apache.cassandra.service.AbstractCassandraDaemon.activate(AbstractCassandraDaemon.java:314)

                      at org.apache.cassandra.thrift.CassandraDaemon.main(CassandraDaemon.java:80)

Caused by: org.apache.cassandra.config.ConfigurationException: SimpleStrategy requires a replication\_factor strategy option.

                      at org.apache.cassandra.locator.SimpleStrategy.validateOptions(SimpleStrategy.java:79)

                      at org.apache.cassandra.locator.AbstractReplicationStrategy.createReplicationStrategy(AbstractReplicationStrategy.java:262)

                      at org.apache.cassandra.db.Table.createReplicationStrategy(Table.java:328)

                      at org.apache.cassandra.db.Table.<init>(Table.java:274)

                      ... 4 more