

Title: Connections not being closed(HikariCP, Postgres)

Post Body:

Env

Spring Boot 2.1.2.

2 environments: local(postgres 11) and qa (docker swarm with postgres 10 and application)

Problem

After `maxLifetime` passes, hikari recreates connections(closes old ones and creating new ones), but on qa environment connections are not getting closed: checking with `select * from pg_stat_activity wheredataname=...` and in logs we have:

```
2019-09-25 12:00:20.694 DEBUG 6 --- [nnection closer] c.z.h.p.PoolBase : HikariPool-1 - Closing connection
```

Question:

Why connections are not getting closed?

Edit: Hikari config:

```
c.z.h.HikariConfig : HikariPool-1 - configuration: c.z.h.HikariConfig : allowPoolSuspension.....false c.z.h.HikariConfig : poolName: HikariPool-1
```

Accepted Answer:

Solved by setting `maxLifetime` to 10 minutes.

Explanation: It turns out docker swarm somehow drops idle connection. So, when hikari closes connection, nothing reaches postgres, so from postgres standpoint there is still a connection. 10 minutes is less than default docker idle connection timeout, so connections are closed properly.

Highest Rated Answer: None