

PostgreSql Replication vs Citus Data

PostgreSql Replication nedir?

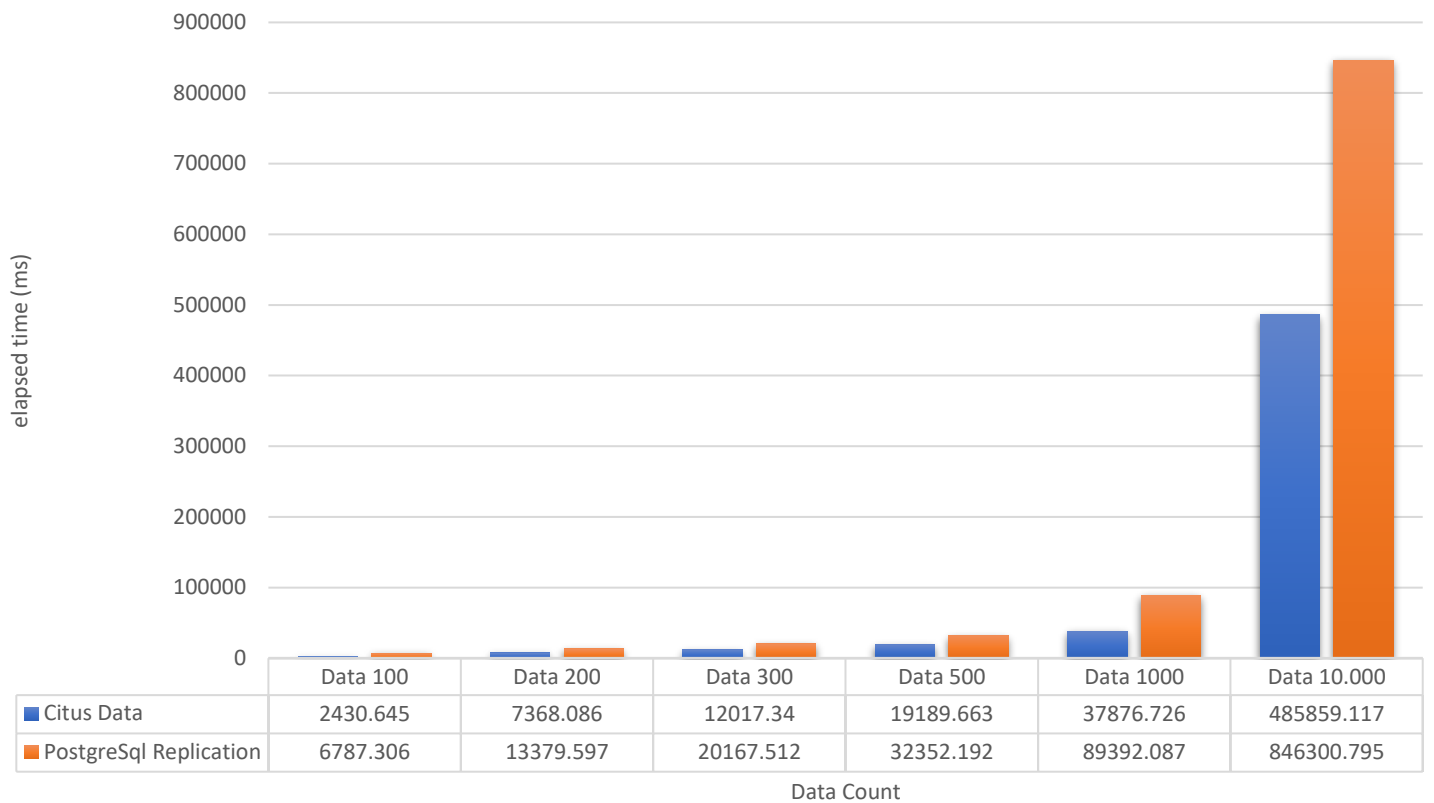
Replikasyon ile canlı veritabanının sorgulabilir bir kopyası oluşturulur. Raporlama amaçlı sorgular bu read-only sunucu üzerinde çalıştırılarak master sunucu üzerindeki yük azaltılmış olur.

Citus Data nedir?

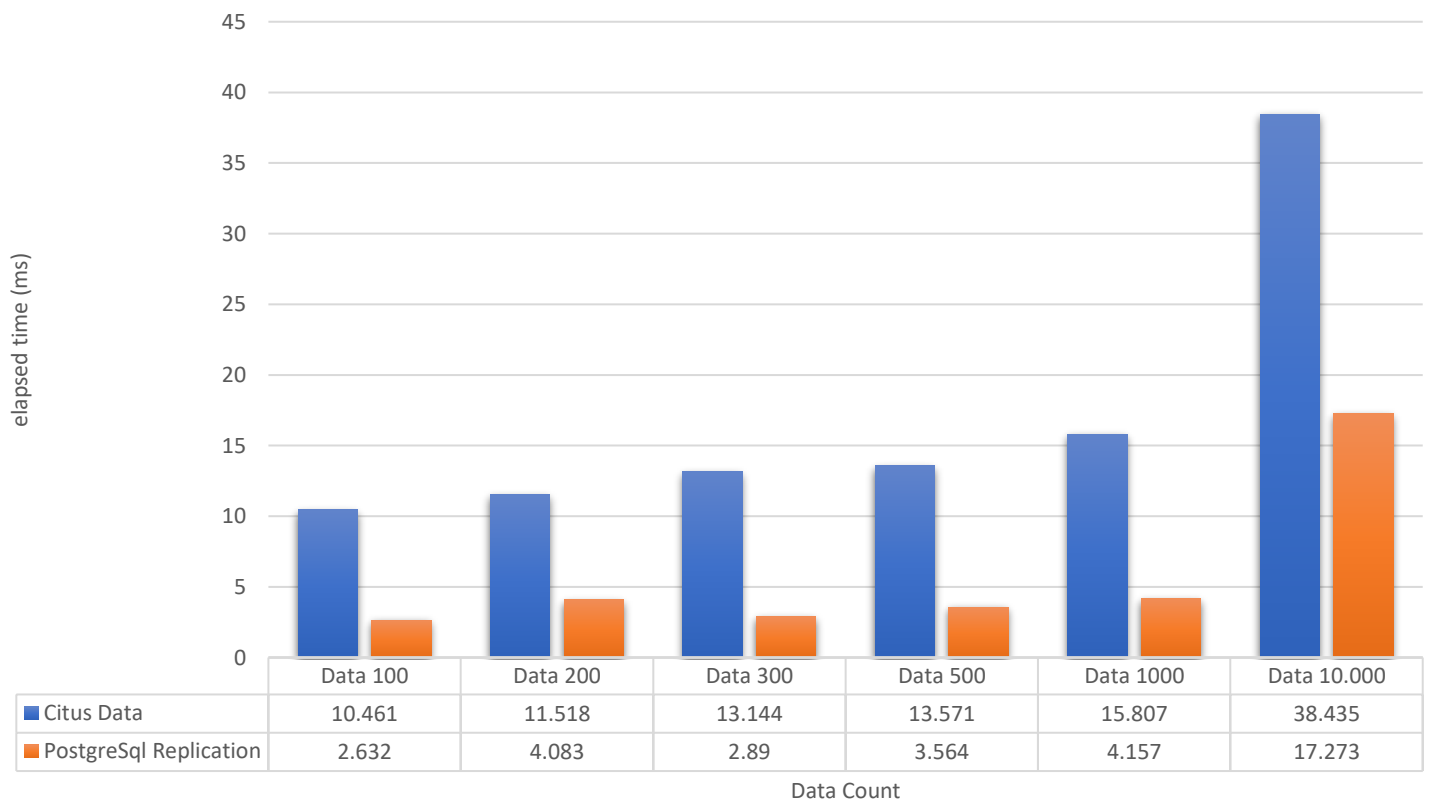
Citus, verileri ve sorguları bir cluster'daki birden fazla node arasında dağıtan Postgresin open source bir uzantısıdır.

Features	Citus Data	PostgreSql Replication
Open Source	yes	yes
Master-Slave Architecture	no	yes
Speed for Insert (1 row)	36.071 ms	30.640 ms
Speed for Select (1 row)	2.098 ms	11.757 ms
Installed with	docker	docker
Establishment	2010	2006
Last Version	10.1	13
Primary database model	Relational DBMS	Relational DBMS
Secondary database models	Document store	Document store Spatial DBMS
Website	www.citusdata.com	www.postgresql.org
Technical documentation	docs.citusdata.com/en/v10.1	postgresql.org/docs/replication
Server operating systems	Linux	Linux, Windows, Mac OS X
Data scheme	yes	yes

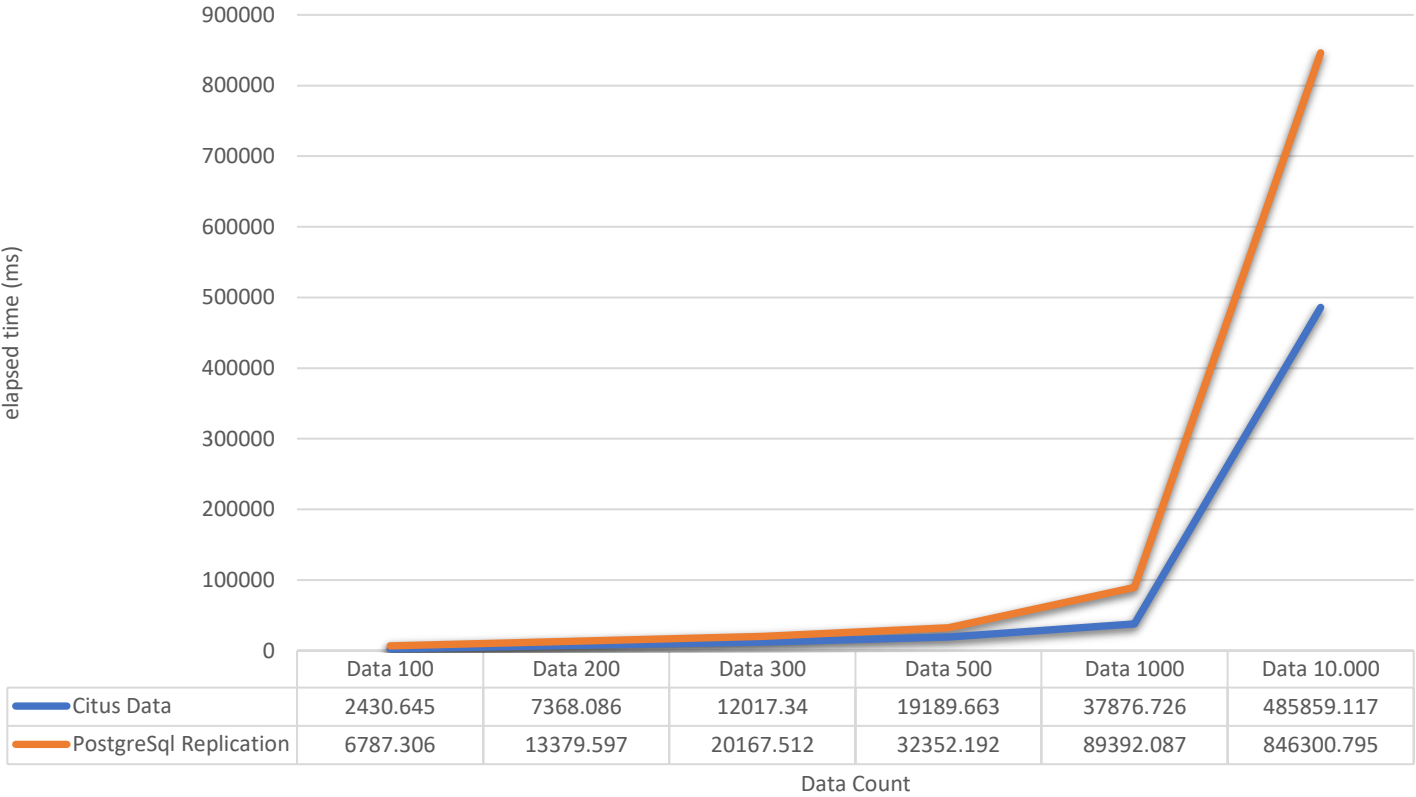
Insert Command Comparison



Select Command Comparison



Insert Command Comparison



Select Command Comparison

