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#226 — OCTOBER 19, 2018

[READ ON THE WEB](#)

Database Weekly

[Redis 5 Released](#) — The popular data structure key/value store takes another stride forward with version 5 which includes support for [streams](#), improvements to defragmentation, a new [LOLWUT](#) command(!), and numerous other refactorings and tweaks.

SALVATORE SANFILIPPO

[PostgreSQL 11 Released](#) — A long awaited major release for the popular RDBMS that now includes hash partitioning, covering indexes, transactions in stored procedures, [and more](#). Don't forget, we also have [a Postgres newsletter](#) :-)

POSTGRESQL GLOBAL DEVELOPMENT GROUP

[Love SQL but Want to Try MongoDB? Get the Best of Both, with Studio 3T](#) — Get started fast with a variety of SQL Join queries in MongoDB.

STUDIO 3T SPONSOR

[AWS Announces Managed Databases for Amazon Lightsail](#) — Lightsail is essentially AWS's VPS offering where EC2 instances and storage are packaged up in a fixed monthly fee in a style similar to providers like DigitalOcean or Linode. Now, AWS is offering the same with databases - MySQL only for now.

AMAZON WEB SERVICES, INC.

[MongoDB Issues New 'Server Side Public License' for Its Community Edition](#) — A new license (to be used on the community edition of MongoDB from here on) specifies how MongoDB can be *run as a service*. The key change is those running MongoDB as a service need to open source their unique contributions.

MONGODB, INC.

[Analysts Get A Guiding Hand with 'TrustCheck'](#) — It's just one part of a commercial product but *TrustCheck*, a feature that can give users instant feedback on how ethical and legally compliant their queries are sounds interesting. This could be a feature other systems will eventually implement in a world with increasing numbers of regulations around data use.

DATANAMI

[Managing Backup and Replication for Large PostgreSQL Databases](#) — Postgres has different models for making backups with various pros and cons, but at scale this company swears on Barman, `pg_basebackup` and `pg_receivewal`.

FLAMO GURGEL

[A Developer's Guide to MongoDB Sharding](#) — Provides an overview of sharding in MongoDB and how it can be used concurrently with other methods to achieve high availability.

ONYANCHABRIAN HENRY

[1-Click Access to Any Database or Server in Any Environment](#) — Grant or revoke temporary access using your SSO provider & audit every query, SSH & RDP command with strongDM.

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[How memcached's Cache Replacement Algorithm was Improved](#)

DORMANDO

[Hadoop And Spark Get A Vector Performance Boost](#) — A look at how a chip manufacturer and the creators of Hadoop have been working together to accelerate certain workloads.

THE NEXT PLATFORM

[Is it Time to Drain the Data Lake?](#) — An argument that ‘data lakes’ aren’t particularly useful unless you’re monitoring and acting upon what goes into them in real time.

DOMINIC WELLINGTON

[Is Hadoop Officially Dead? \(No.\)](#) — A hot take based on last week’s news about the merging of two Hadoop heavyweights. This is a good summary of where the Hadoop market is at right now.

ALEX WOODIE

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