DB Weekly

Database Weekly

Issue 137 — January 13, 2017

FEATURED

Extortionists Wipe Thousands of Databases — This week's biggest database story has been thousands of insecure MongoDB servers being held ransom by hackers.
KREBS ON SECURITY

The Many Different Ways to JOIN Tables in SQL — Perhaps the most powerful SQL feature is the JOIN operation, and this 'probably incomplete comprehensive guide' looks at it in depth from cross joins to partitioned outer joins and all in between.
JAVAOOQ

Cachelot: Memcached-Compatible Caching Library and Server — An 'LRU cache that works at the speed of light' that uses a fixed pre-allocated block of memory.
CACHELOT.IO `CODE`

[Free Tool] Network Analyzer for MySQL — VividCortex's network traffic analyzer tool for MySQL is an easy-to-use way to gain insight into your server's activity. Built for MySQL servers running on Linux operating systems, it is a non-intrusive, safe way to understand your query workload.
VIVIDCORTEX `SPONSORED`

The Ransoming of Elasticsearch — A data ransoming group has attacked vulnerable clusters of Elasticsearch servers they've found on cloud providers.
BEN HUNDLEY

5 Hadoop Trends to Watch in 2017 — Where will the distributed computing system go in 2017? Here are five macro trends impacting Hadoop to keep an eye out this year.
DATANAMI

Benchmarking Redmine on MySQL with RocksDB and InnoDB Storage — RocksDB is a persistent key-value store, built by Facebook, that can be used as a storage engine in MySQL.
JETWARE

IN BRIEF

[Redis Experimenting with Active Defragmentation Feature](#)

SALVATORE SANFILIPPO `NEWS`

[Spark Gets In-Memory Boost with Hazelcast Connector](#)

DATANAMI `NEWS`

[The Lead Developer 1-day conference for tech leads. 21 Feb, New York.](#) — High-level sessions on growing an engineering organization with effective DevOps, going serverless and more.

WHITE OCTOBER EVENTS `NEWS` `SPONSORED`

[Google Lauds Outside Influence on Apache Beam](#) — Beam is an open source, unified model and set of language-specific SDKs for defining and executing data processing workflows.

DATANAMI `NEWS`

[Elasticsearch 5.1.2 and 2.4.4 Released](#)

CLINTON GORMLEY `NEWS`

[How Timing-Based Blind SQL Attacks Work](#)

ADAM DEREWECKI

[MongoDB Security Best Practices](#) — A response to this week's attacks with tips.

MONGODB

[How to Setup a Secure MongoDB 3.4 Server on Ubuntu 16.04](#)

RAPIDLOOP

[The MongoDB Hack and The Importance of Secure Defaults](#)

TIM KADLEC

[Apache Beam and Spark: New Coopetition for Squashing The Lambda Architecture?](#)

TONY BAER

[Millions of Queries per Second: Postgres and MySQL's Peaceful Battle at Today's Demanding Workloads](#)

ANASTASIA RASPOPINA

[DreamFactory REST API platform for databases](#) — Develop apps faster. DreamFactory automatically turns any database into a REST API platform in minutes.

DREAMFACTORY `TOOLS` `SPONSORED`

[Lodr: An AWS RedShift Data Loader](#)

VERO ANALYTICS, INC `TOOLS`

[A Public, Live Instance of RavenDB 4.0 to Play With](#) — RavenDB is an open source NoSQL database for .NET.

AYENDE RAHIEN `TOOLS`

[dllib: A Distributed Deep Learning Framework Running On Apache Spark](#)

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