

ArangoDB 3.2 Improves Scalability, Security and High Availability

New RocksDB Storage Engine, Distributed Graph Computing, Fault-Tolerant Foxx and Satellite Collections Open Up New Use Cases

COLOGNE, GERMANY, July 20, 2017 /EINPresswire.com/ -- ArangoDB, the makers of the leading native multi-model database, today announced that version 3.2 is Generally Available. This latest release expands ArangoDB to new use cases by being the most scalable, distributed multi-model and graph database.

“Some of the largest global companies are eager to adopt ArangoDB to simplify their architecture and improve developer productivity,” says Claudius Weinberger, CEO and Co-Founder of ArangoDB. “This release is a major advancement, offering the community and clients key features to make ArangoDB their default database for new applications.”

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New Features & Improvements:

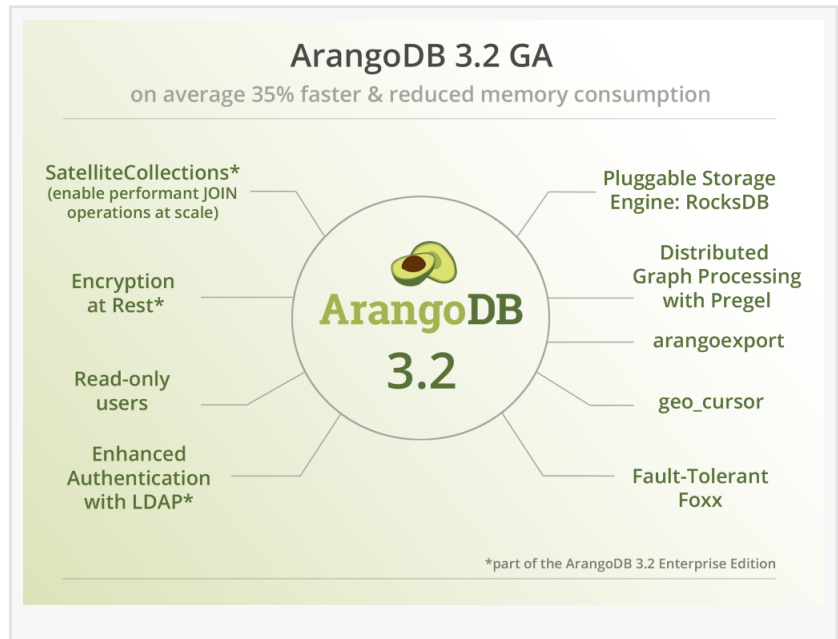
ArangoDB 3.2 is an important milestone in delivering on our pledge to improve productivity for every developer via native multi-model and includes:

Pluggable Storage Engine Architecture: The new architecture allows for multiple storage engines to be used, with Facebook’s RocksDB as its first. Even larger datasets can be stored, managed and processed efficiently with ArangoDB. RocksDB is ideal, in particular for write intensive applications.

Distributed Graph Computing: ArangoDB can now be used to

gain high-level insights into hidden characteristics of graphs. Using the Pregel model, users can now work with common graph algorithms like PageRank, Community Detection, Vertex Centrality Measures and more.

Fault-Tolerant Foxx: ArangoDB’s rich JavaScript framework is widely used to build data-centric microservices and extend individually database functionalities. Now, with the new release, these Foxx services just received self-healing capabilities and can be leveraged in mission critical use cases.



Enterprise Features:

The Enterprise Edition builds upon our community version, adding some unique features for critical deployments:

Satellite Collections: Designed in cooperation with some of our largest customers, Satellite Collections enables faster join operations when working with sharded datasets and avoids expensive network hops during join processing among machines.

Encryption at Rest: [Data stored on disk](#) can now be encrypted with a secure AES algorithm. Even if a physical disk gets stolen, data will still be inaccessible. With this upgrade, ArangoDB takes another big step towards HIPPA compliance.

LDAP Integration: Centralized Authentication is common in Enterprises. ArangoDB can now be integrated with LDAP, allowing for an external authentication server to manage users.

Resources:

Read the technical blog post for 3.2 (including tutorials):

<https://www.arangodb.com/2017/07/arangodb-3-2-rocksdb-pregel-fault-tolerant-foxx-satellite-collections/>

Visit the ArangoDB Training Center: <https://www.arangodb.com/arangodb-training-center/>

Download ArangoDB 3.2: <https://www.arangodb.com/download/>

About ArangoDB:

One database, one query language and three data models. With more than 1.4 million downloads, ArangoDB is the leading native multi-model database. It combines the power of graphs, with JSON documents and a key-value store. ArangoDB makes all of your data-models accessible with a single, elegant declarative query language.

ArangoDB is the simple, versatile and the performant answer to many challenges facing developers, start-ups and enterprises. Simplifying complexity and increasing productivity is the mission of ArangoDB GmbH, the company behind the project.

For more information, visit www.arangodb.com or follow us [@ArangoDB](https://twitter.com/ArangoDB)

Jan Stuecke
ArangoDB GmbH
+49 (0) 221474415740
email us here

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