PRODUCT BRIEF

FAST FACTS

Company:
MariaDB Corporation

Contact:
sales@mariadb.com

Website:
https://mariadb.com

Company Description

MariaDB frees organizations from the costs, constraints and complexity of proprietary databases so they can invest in what matters most, developing innovative applications and services. MariaDB Platform is the leading enterprise open source database for transactional, analytical, and modern hybrid transactional/analytical workloads. Deployed in minutes to any public, private and hybrid/multi-cloud infrastructure, MariaDB Platform unlocks the operational agility needed to innovate faster while at the same time continuing to meet the same core requirements as proprietary databases – and at a fraction of the cost. MariaDB is trusted by industry leaders such as Deutsche Bank, DBS Bank, Nasdaq, Red Hat, ServiceNow and Verizon. No wonder it's the fastest growing open source database. Real business relies on MariaDB™.

Product Profile

MariaDB Platform, comprised of MariaDB Server, MariaDB MaxScale and MariaDB ColumnStore, is the first enterprise open source database to support hybrid transactional/analytical workloads by combining row storage for transactions with columnar storage for analytics using streaming change-data-capture and dynamic query routing – and transparent to applications and developers.

Overview

MariaDB enterprise open source subscriptions provide organizations with the software and support, as well as the reliability and confidence, needed to support mission-critical applications.

Executive Summary

With the goal of lowering technology costs, accelerating development and improving operational efficiency, organizations are standardizing on enterprise open source software and moving to containerized infrastructure. In order to succeed, they need a database nimble enough to run on containers (on premises or in the cloud) yet powerful enough to meet standard enterprise requirements. With a certified operator for Red Hat OpenShift, it is easy to deploy, scale and manage MariaDB Platform on any infrastructure.

Statement from Partner

"With nearly a quarter of our customers running MariaDB in the cloud today and growing, we are committed to ensuring their success across cloud platforms," said Saravana Krishnamurthy, VP of Product Management, Cloud and Analytics, MariaDB Corporation. *"We've worked closely with Red Hat to ensure customers get the best MariaDB experience in OpenShift. The MariaDB Kubernetes Operator, now certified on Red Hat OpenShift, lets our customers quickly deploy and manage MariaDB Platform in the cloud and enables the next generation of MariaDB hybrid cloud deployments."*

Statement from Red Hat Connect

"Developers and architects looking to build new applications in, and for the cloud, or migrate existing applications to a cloud-based infrastructure, partner with Red Hat to develop and deliver more supportable solutions sooner." said Mike Werner, Sr. Director, Global Technology Partners, Red Hat. *"Red Hat certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like PingCAP resulting in the world's largest open, and commercially supportable application ecosystem."*

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Product Benefits

MariaDB Platform combines MariaDB Server with MariaDB MaxScale and MariaDB ColumnStore to deliver the enterprise features and capabilities needed to support modern, mission-critical applications in production environments.

- **Complete high availability**
  In addition to clustering and replication, MariaDB Platform includes advanced high availability features such as automatic failover with transaction replay.

- **Advanced security**
  Along with end-to-end encryption, advanced security features like the database firewall and dynamic data masking can stop denial-of-service attacks and prevent data breaches.

- **Maximum performance and scalability**
  MariaDB Platform accelerates query performance with read-write splitting, result caching, unlimited read replicas and for maximum scalability, transparent, built-in sharding.

- **Streaming integration**
  The change-data-capture (CDC) protocol and client API can be used to stream data changes to external systems, with Apache Kafka supported out of the box.

- **Powerful administration tools**
  MariaDB Platform includes SQL Diagnostic Manager for monitoring real-time resource utilization and query performance as well as SQLyog for schema design and query building.

- **World-class support**
  MariaDB subscriptions include 24x7 technical support with 30 minute response times for critical issues, priority bug fixes and security patches, and consultative support based on decades of experience to provide best practices and recommendations

Use Cases

- **MySQL Scalability:** Transactional: MariaDB Platform can be deployed in a transactional configuration with clustering, replication and/or sharding using row storage optimized for transactions.

- **Analytical:** Or, MariaDB Platform can be deployed for analytics using distributed, columnar storage optimized for interactive, ad hoc analytics at scale.

- **Hybrid:** And for transactional applications with greater analytical requirements, MariaDB Platform can be deployed in a hybrid configuration by using both row and columnar storage.

MariaDB Platform is a Red Hat certified container and is available for customer download from the Red Hat certified container registry.

https://access.redhat.com/containers/#/product/1dde8c5147809439