MariaDB SkySQL is the first database-as-a-service (DBaaS) to unlock the full power of MariaDB Platform in the cloud, extending its powerful enterprise features with unrivaled ease of use and groundbreaking innovation. Engineered for mission-critical applications, enterprise governance and multi-cloud strategies, SkySQL combines automation with the real-world expertise and experience needed to support and manage production databases in any cloud.

TRANSACTIONS, ANALYTICS OR BOTH
SkySQL enables organizations to deploy MariaDB Platform as a database for transaction processing, a data warehouse for analytics or both – writing data to persistent SSDs for fast transaction processing and replicating it to low-cost object storage (i.e., AWS S3) where it’s stored in a columnar format for real-time analytics. It is the only MariaDB-powered DBaaS to support transactions, analytics and smart transactions (i.e., transactions + analytics).

STATE OF THE ART
SkySQL is built on top of Google Cloud Platform (GCP) and Google Kubernetes Engine (GKE), the most advanced and mature implementation of Kubernetes in the cloud. It takes full advantage of Google’s powerful, secure infrastructure and the self-healing capabilities of Kubernetes, using regional Kubernetes clusters to provide high availability across multiple zones and a combination of Google Persistent Disks (GPDs) and Google Cloud Storage (GCS) for run transactions on high-performance block storage and analytics on low-cost object storage.
MISSION CRITICAL FOR ALL

SkySQL is the first and only DBaaS built on MariaDB Platform, itself built on MariaDB Enterprise Server, bringing to the cloud the same enterprise features and proven reliability on-premises customers have come to trust and depend upon – including SSD-optimized storage, transparent sharding, parallel query, automatic failover, read load balancing, transparent read/write splitting, non-blocking backups, password validation and a columnar format for analytics.

FROM THE SOURCE

SkySQL is the first and only DBaaS built for MariaDB by MariaDB. Backed by the people behind MariaDB, and their decades of database engineering, support and administration experience, SkySQL customers get the same world-class support and peace of mind on-premises customers enjoy today. SkySQL support includes technical and consultative support, critical bug fixes and security patches, best practices/recommendations and optionally, full database administration by cloud-certified MariaDB experts, the SkyDBA team.

ALWAYS UP TO DATE

SkySQL is the first and only DBaaS to offer customers the option of running the latest stable release of MariaDB Enterprise Server, never forcing anyone to run on old versions months to years behind – and suffering from missing bug fixes, security patches and improvements. It is the only DBaaS capable of providing developers and DBAs with the latest and great features, including application-time period tables, more instant schema changes (e.g., drop and reorder columns), optimizer trace and password expiration/account locking – all introduced in the last release (MariaDB Server 10.4), with more coming in the next (MariaDB Server 10.5).

ABOUT MARIADB CORPORATION

MariaDB frees companies from the costs, constraints and complexity of proprietary databases, enabling them to reinvest in what matters most – rapidly developing innovative, customer-facing applications. MariaDB uses pluggable, purpose-built storage engines to support workloads that previously required a variety of specialized databases. With complexity and constraints eliminated, enterprises can now depend on a single complete database for all their needs, whether on commodity hardware or their cloud of choice. Deployed in minutes for transactional, analytical or hybrid use cases, MariaDB delivers unmatched operational agility without sacrificing key enterprise features including real ACID compliance and full SQL. Trusted by organizations such as Deutsche Bank, DBS Bank, Nasdaq, Red Hat, ServiceNow, Verizon and Walgreens – MariaDB meets the same core requirements as proprietary databases at a fraction of the cost. No wonder it’s the fastest growing open source database. Real business relies on MariaDB™.