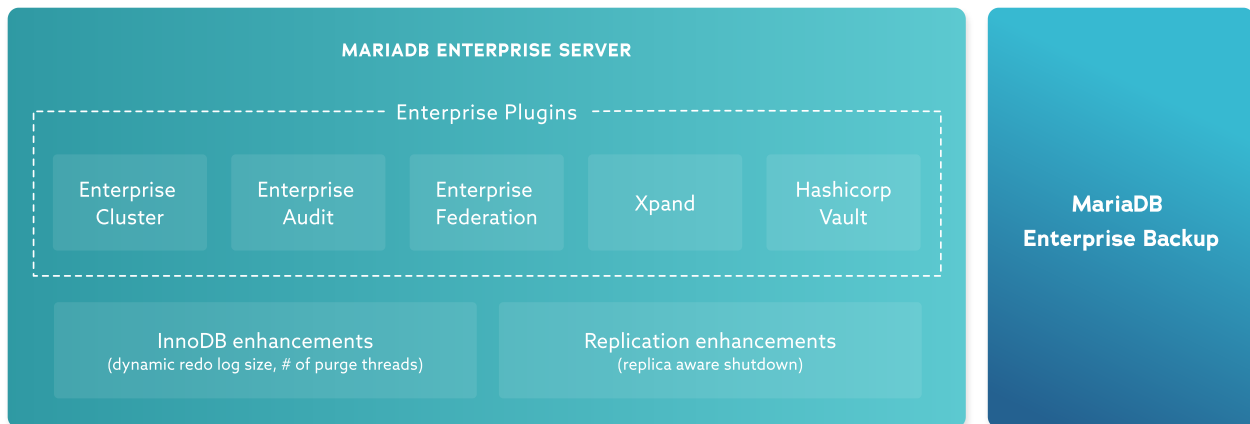




MARIADB ENTERPRISE SERVER

Enhanced. Hardened. Secured.

MariaDB Enterprise Server is an enhanced, hardened and secured version of MariaDB Community Server created to provide customers with the reliability, stability and long-term support needed to successfully replace proprietary databases and adopt open source in the enterprise. In addition, it provides customers with greater operational efficiency when it comes to supporting business- and mission-critical applications on large databases.



ENHANCED

MariaDB Enterprise Server includes features engineered for customers deploying and maintaining large databases with strict high availability, disaster recovery and security requirements. For example, to perform frequent backups without impacting applications, and enforce full end-to-end encryption.

HARDENED

MariaDB Enterprise Server undergoes an extensive, thorough and comprehensive QA process to ensure reliability for production deployments. In addition, critical features and bug fixes in future releases will be backported to ensure long-term stability and support.

SECURED

MariaDB Enterprise Server is preconfigured for production environments, including default security parameters to remove remote root access and all anonymous access as well as replication parameters set to enforce durability. In addition, all non-GA plugins are disabled.



ENTERPRISE PLUGINS

Enterprise Audit

Provides detailed, connection-based auditing and logs all changes to audit configuration. In addition, all audit configuration in system tables as JSON documents.

Enterprise Backup

Allows writes and schema changes during backups by using backup stages and DDL logging instead of locking tables the whole time – perform online backups with little to no impact.

Enterprise Cluster

Encrypts transaction buffers, performs non-blocking DDL replication and includes a “black box” for easier troubleshooting – run secure multi-master clusters uninterrupted.

Enterprise Federation

Enables high-performance access to tables in remote databases using ODBC connections – federate access to a variety of databases with ease.

Xpand

Adds support for distributed SQL without having to change databases or modify applications – scale out to support millions of transactions per second.

Hashicorp Vault

Delegates key management for encrypted tables to a Hashicorp Vault deployment to support modern security standards – manage encryption keys outside of the database.

ENTERPRISE ENHANCEMENTS

MariaDB Enterprise Server includes many enhancements to the core database outside of enterprise plugins.

- **Replication** – Prevent primaries from being shut down until all replication has completed in order to avoid a switchover or manual shutdown from causing data loss.
- **InnoDB** – Change the redo log size and the number of purge threads at runtime so a restart is not required, and create up to 128 secondary indexes per table.

ENTERPRISE BACKPORTS

Select enhancements from both MariaDB Enterprise Server (e.g., non-blocking backups) and MariaDB Community Server (e.g., optimizer trace) are backported to previous versions of MariaDB Enterprise Server in order to provide greater long-term stability and support, making the most critical enhancements available without the need to perform major upgrades on an annual basis.

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