MySQL AI Release Notes

Abstract

This document contains release notes for the changes in each release of MySQL AI.

For additional MySQL AI documentation, see MySQL AI User Guide.

Updates to these notes occur as new product features are added, so that everybody can follow the development process. If a recent version is listed here that you cannot find on the download page (https://dev.mysql.com/downloads/), the version has not yet been released.

The documentation included in source and binary distributions may not be fully up to date with respect to release note entries because integration of the documentation occurs at release build time. For the most up-to-date release notes, please refer to the online documentation instead.

For legal information, see the Legal Notices.

For help with using MySQL, please visit the MySQL Forums, where you can discuss your issues with other MySQL users.

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Preface and Legal Notices

This document contains release notes for the changes in each release of MySQL AI.

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Changes in MySQL AI, add-on to MySQL 26.7.1 (2026-08-16)

Note

This release is a Critical Security Patch Update. See Oracle Critical Security Patch Update Advisory - August 2026 for more information.

Changes in MySQL AI, add-on to MySQL 26.7.0 (2026-07-28)

This release contains no functional changes, and is published to align its version number with that of the MySQL Server 26.7.0 release.

Changes in MySQL AI, add-on to MySQL 9.7.3 (2026-08-20)

Note

This release is a Critical Security Patch Update. See Oracle Critical Security Patch Update Advisory - August 2026 for more information.

Changes in MySQL AI, add-on to MySQL 9.7.2 (Not yet released)

Version 9.7.2 has no release notes, or they have not been published because the product version has not been released.

Changes in MySQL AI, add-on to MySQL 9.7.1 (Not yet released)

Version 9.7.1 has no release notes, or they have not been published because the product version has not been released.

Changes in MySQL AI, add-on to MySQL 9.7.0 (2026-04-21)

Bugs Fixed

- Bug wherein the ML driver connection or read failure that caused the same error text to be appended multiple times to the error buffer, resulting in a concatenated duplicate string has now been fixed. (Bug #38785660)

Changes in MySQL AI, add-on to MySQL 9.6.1 (2026-02-17)

This release does not include any new features.

Changes in MySQL AI, add-on to MySQL 9.6.0 (2026-01-20)

- AutoML
- InnoDB Notes
- Bugs Fixed

AutoML

- MySQL AI AutoML now supports a new feature called *NL2ML*, which provides an intuitive natural-language interface to machine learning (ML). `NL2ML` allows you to ask questions about AutoML in natural language and receive relevant citations to MySQL AI documentation. With this innovative feature, you can also leverage the `ML_GENERATE` routine, along with external LLMs and MCP servers, to generate AutoML queries that can be copied and executed, making it easier to get started with ML.

  For more information, see Learn About MySQL AI AutoML with NL2ML. (Bug #38397642)

InnoDB Notes

- MySQL AI now supports bulk loading into non-empty tables, lifting the previous restriction of only being able to bulk load into empty tables. This update enables users to efficiently merge new data from CSV files with existing data in the table, leveraging a temporary duplicate table and parallel readers to compare and insert records in the appropriate order. With this enhancement, MySQL AI can handle bulk loads of any size, making it a more versatile and powerful tool for managing large datasets.

  For more information, see Bulk Ingest Data. (Bug #16441)

Bugs Fixed

- The `NL_SQL` routine did not print the generated SQL query when the `verbose` parameter was set to `1` and `execute` parameter was set to `false`. (Bug #38564859)

Changes in MySQL AI, add-on to MySQL 9.5.2 (2025-12-23)

GenAI

- MySQL AI includes a new schema retrieval routine that enables you to find the most relevant tables based on natural-language input. This innovative feature provides a compact and easy-to-read DDL output, focusing on essential elements such as column names, simplified data types, comments, and basic foreign keys, making it ideal for large language model (LLM) prompts and related workflows.

  For more information, see ML_RETRIEVE_SCHEMA_METADATA. (WL #17201)

Changes in MySQL AI, add-on to MySQL 9.5.1 (2025-11-18)

This release does not include any new features.

Changes in MySQL AI, add-on to MySQL 9.5.0 (2025-10-21)

- AutoML

- GenAI
- InnoDB Notes
- Security Notes

AutoML

- MySQL AI AutoML now supports advanced recommendation capabilities with the introduction of Deep Recommendation models, a deep learning-based approach to building embedding models for personalized recommendations. This new feature leverages PyTorch to construct a deep learning pipeline, enabling faster similarity searches between you and products through the generation of user and item embeddings. With this update, MySQL AI AutoML lays the groundwork for delivering highly accurate and scalable personalized recommendations, enhancing the overall user experience.

  For more information, see Recommendation Training Models. (WL #16656)

- MySQL AI AutoML now supports enhanced log anomaly detection capabilities with the introduction of semantic feature embeddings. This update enriches the feature space by extracting semantic features from logs using embedding models and combining them with existing statistical TF-IDF features, ultimately improving the accuracy and effectiveness of log anomaly detection.

  For more information, see Anomaly Detection for Logs. (WL #17097)

GenAI

- MySQL AI now lets you generate SQL queries from natural-language statements using the new `NL_SQL` routine, making it easier for you to interact with databases. This feature collects information on the schemas, tables, and columns that you have access to, and then uses a Large Language Model (LLM) to generate an SQL query for the question pertaining to your data. It also lets you run the generated query and view the result set.

  For more information, see Generating SQL Queries From Natural-Language Statements. (Bug #38193173, WL #16315)

- MySQL AI now lets you run the `VECTOR_STORE_LOAD` routine asynchronously, enabling you to load tables without blocking or waiting for the load to complete.

  For more information, see Ingesting Files into a Vector Store. (WL #17114)

- MySQL AI now supports updating vector store tables, which lets you append specified files to the table and remove files from the table using a simple `DELETE` statement.

  For more information, see Updating a Vector Store. (WL #17126)

InnoDB Notes

- MySQL AI now supports bulk loading of tables with generated columns, enhancing its data import capabilities. This update allows for seamless handling of both stored and virtual generated columns, enabling you to efficiently load data from CSV files while leveraging the benefits of generated columns in their database design. With this enhancement, MySQL AI provides improved flexibility and performance for managing complex data sets, making it an even more powerful tool for data analytics and management.

  For more information, see Bulk Ingest Data. (Bug #17016)

Security Notes

- MySQL AI Network Layer now supports the use of Certificate Revocation Lists (CRLs) to revoke certificates, enhancing the security of TLS connections. With this update, you can configure CRLs

to validate the authenticity of certificates, ensuring that compromised certificates are properly revoked and preventing unauthorized access. The CRL feature allows for seamless certificate rotation, providing an additional layer of security and flexibility for managing TLS connections. This enhancement enables the MySQL AI Network Layer to maintain the highest standards of security and reliability, giving you greater confidence in your network communications..

For more information, see Certificates. (WL #16827)

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