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# MySQL 26.7 Release Notes

## Abstract

This document contains release notes for the changes in MySQL 26.7. For information about changes in a different version of MySQL, see the release notes for that version.

For additional MySQL 26.7 documentation, see the [MySQL 26.7 Reference Manual](#), which includes an overview of features added in MySQL 26.7 ([What Is New in MySQL 26.7](#)), and discussion of upgrade issues that you may encounter while [upgrading](#).

MySQL platform support evolves over time; please refer to <https://www.mysql.com/support/supportedplatforms/database.html> for the latest updates.

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

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## Changes in MySQL 26.7.0 (Early Access Release)



### Note

These release notes were created with the assistance of MySQL HeatWave GenAI.

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## Audit Log Notes

- The server could close unexpectedly if `audit_log_encryption_password_get(keyring ID)` was called. (Bug #33296125)

- The following new Audit Log status variables are introduced in this version:

- `audit_log_file_count` (Audit plugin)
- `audit_log.file_count` (Audit component)

This variable reports the number of audit log files generated by the Audit Log plugin or component when `audit_log_format=JSON`. The value is incremented for automatic rotations and decremented for pruning actions. (WL #17292)

## Compilation Notes

- Fixed a potential memory leak in the `comp_err` utility. (Bug #36532183)

## Component Notes

- The command-service default DOM consumer stored SQL NULL fields as literal NULL string and recomputed field lengths with `strlen()` from the buffered row. This made SQL NULL indistinguishable from a real "NULL" value and truncated binary values at embedded NUL bytes. (Bug #39405458)
- In previous releases, command-service consumers did not have a public `mysql_command_options` API to set or read extra client flags on a command-service MySQL connection.

The new command-services option, `MYSQL_COMMAND_CLIENT_FLAGS` passes client flags to `mysql_real_connect()`.

Custom consumers can continue to override command capabilities with `MYSQL_TEXT_CONSUMER_CLIENT_CAPABILITIES`. The callback delegate remains unaware of `MYSQL_COMMAND_CLIENT_FLAGS`. (Bug #39349732)

## Data Dictionary Notes

- Data dictionary validation now checks invalid SET definitions with no elements in addition to ENUM definitions.

Our thanks to Yongfei Ji for the contribution. (Bug #36357937)

## Deprecation and Removal Notes

- The following replication system variables are deprecated in and scheduled for removal in a later release:

- `group_replication_communication_stack`
- `group_replication_ip_allowlist`

(WL #17300)

## InnoDB Notes

- **InnoDB:** Fixed an issue relating to Clone validation. (Bug #39252970)
- **InnoDB:** Fixed an issue relating to table maintenance and clean-up. (Bug #39091376)
- **InnoDB:** Fixed an issue relating to unique indexes. (Bug #38501299)
- MySQL Clone plugin supports the updated CalVer model.

- Cloning is allowed when the version strings match.
- Cloning is allowed across patch versions of a given version.
- Cloning is allowed from Donor in one LTS to Recipient in next LTS.
- Cloning is not allowed from donor in one LTS to recipient in an older LTS.
- Cloning is not allowed from donor in one LTS to recipient in a later LTS.
- Cloning is not allowed if either donor or recipient is not LTS and the Major and/or Minor versions mismatch.

(WL #17317)

- InnoDB undo tablespace creation and truncation no longer rely on a local undo truncate log files. Undo truncation progress information is now stored in the Undo Tablespace header.

As of this release, undo truncation logs are no longer generated.



#### Note

For backward compatibility, existing truncate log files are still supported, but no new truncate logs are created.

(WL #16989, WL #17187)

## JSON Notes

- Fixed an issue relating to JSON Schema validation. (Bug #39489024)
- Fixed an issue relating to processing JSON date values. (Bug #39361343)
- Fixed an issue relating to processing of nested arrays. (Bug #39255759)
- Fixed an issue relating to metadata validation. (Bug #39255734)

## Optimizer Notes

- Fixed an issue relating to [ROLLUP](#) queries. (Bug #39501528)

## Replication Notes

- Fixed several issues relating to validations in Group Replication. (Bug #39234600, Bug #38673268, Bug #38673285, Bug #38712932, Bug #39253416, Bug #39282368)
- As of this release, the default value of `group_replication_communication_stack` is changed from `XCOM` to `MYSQL`. (WL #15709)

## Thread Pool Notes

- MySQL Thread Pool plugin, formerly only available in MySQL Enterprise Edition, is now available in MySQL Community Edition 26.7.0. (WL #17296)

## X Plugin Notes

- Fixed several issues in the X Plugin. (Bug #39268692, Bug #39268863)

## Functionality Added or Changed

- **Important Change:** MySQL Server now uses calendar-based versioning for releases after the 9.7 LTS series. Version values use Year.Month.Patch (YY.M.P) format. MySQL 26.7.0 is the first such calendar-version release.

The following are added to the `mysql_version.h` to identify the previous LTS version:

- `MYSQL_PREVIOUS_LTS_VERSION`: The previous LTS version number. For example, "9.7.0" is the previous LTS version for MySQL 26.7.0.
- `MYSQL_PREVIOUS_LTS_VERSION_ID`: The identifier of the previous LTS version. For example, "9.7.0" is represented as 90700.

The versioning lineage defined in `mysql_version.h` enables clear upgrade and downgrade paths. (WL #17310)

## Bugs Fixed

- Fixed an issue in Spatial Data handling. (Bug #39489004)
- Fixed several issues in the Clone plugin. (Bug #39252316, Bug #39245805, Bug #39245844, Bug #39253040, Bug #39253103)