MySQL Cluster Manager 9.3 Release Notes

Abstract

This document contains information about changes in MySQL Cluster Manager version 9.3.

For additional MySQL Cluster Manager 9.3 documentation, see https://dev.mysql.com/doc/mysql-cluster-manager/9.3/en/.

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 information about changes in MySQL Cluster Manager version 9.3.

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Changes in MySQL Cluster Manager 9.3.0 (2025-04-16, Innovation Release)

Version 9.3.0 is the latest innovation Release of the MySQL Cluster Manager. It is intended for use with MySQL NDB Cluster 9.3 and 8.4, but also supports the 8.0 series.

- Functionality Added or Changed
- Bugs Fixed

Functionality Added or Changed

- **Important Change:** For platforms on which OpenSSL libraries are bundled, the linked OpenSSL library for MySQL Cluster Manager has been updated to version 3.0.16. Issues fixed in OpenSSL version 3.0.16 are described at https://openssl-library.org/news/openssl-3.0-notes/. (Bug #37656086)
- **Important Change:** The `libxml2` library bundled in the Windows distribution of MySQL Cluster Manager has been upgraded to version 2.13.6. (Bug #37475571)
- **Important Change:** Starting from this release, a user-defined `mcmd_password` must be provided in the MySQL Cluster Manager Configuration File when starting the `mcmd` agent, even for bootstrapping, or `mcmd` will fail to start. As a result, the `--password` option of the `mcm` client must also be specified for a client to connect to an agent. (Bug #37457513)
- **Agent:** For a bootstrapped cluster, the parameter `StopOnError` for `ndbmtd` nodes is now set to `false` by default, to allow a `ndbmtd` node to restart automatically after it fails. (Bug #37633409)
- The `--privilege-tables` option has been removed from the `restore cluster` command. (Bug #37511555)
- A new client command, `list certs`, lists the files created by the `create certs` command for a cluster. (Bug #36698435)
- The dependency of MySQL Cluster Manager on the GLib library has been removed, and the library is no longer shipped with MySQL Cluster Manager distributions. (Bug #34613622)

Bugs Fixed

- **Agent:** At the initial startup of a cluster, `mcmd` emitted the warning that the `high_water_mark` file could not be opened. The warning is now removed, as the file is not supposed to exist in the situation. (Bug #37696293)
- **Agent:** The `stop process` timed out for processes in the `ADDED` state. (Bug #37691818)
- **Agent:** The `create certs` command failed after an `mcmd` agent queried another agent for the certificate authority and key, which were not created by that agent. With this fix, the agent moves on to query another agent in that situation. (Bug #37639369)
- **Agent:** The `backup cluster` command failed with an "Access denied" error when the `mcmd_password` had a '#' at the end. (Bug #37609816)
- **Client:** A `delete cluster` command failed if the backup's schema file containing the metadata of the NDB tables was missing (for example, due to accidental manual deletion). With this fix, the command works in such situations. (Bug #37660069)
- **Client:** At the `debug` log level, the `mcmd` log prints the wrong comments for some of the planned steps for the `create certs --renew --certs` command. (Bug #37464246)