
MySQL Cluster Manager 8.3 Release Notes

Abstract

This document contains information about changes in MySQL Cluster Manager version 8.3.

For additional MySQL Cluster Manager 8.3 documentation, see <https://dev.mysql.com/doc/mysql-cluster-manager/8.3/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 8.3.

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Changes in MySQL Cluster Manager 8.3.0 (2024-01-16, Innovation Release)

- [Functionality Added or Changed](#)
- [Bugs Fixed](#)

Functionality Added or Changed

- MySQL Cluster Manager now uses the third-part library GLib version 2.78.0. The new GLib version is included in the MySQL Cluster Manager distribution archive. (Bug #35906966)

Bugs Fixed

- For a cluster without any `mysqld` nodes, after adding a new process, a rolling restart hung, and then `mcmd` quit unexpectedly. This was due to the wrong initial status assigned to the added node, and this fix corrects it. (Bug #36092321)
- The `mysqld` system variable `admin_ssl_cipher` was taken by `mcmd` to be of the file name data type, which was wrong. With this fix, `mcmd` now recognizes it as string. (Bug #36082159)
- In some rare occasions, an `mcmd` agent quit unexpectedly when it tried to recover itself. That was due to some incorrect locking happening when multiple threads accessed the data repository together. This fix implements the correct locking. (Bug #36072282)
- When restoring a backup, the error message only said that the restore failed when the password for the backup was not properly supplied. With this fix, the error message made it clear when the password file did not exist, or when the password was invalid. (Bug #36022311)
- On Unix-like platforms, the process name for `mcmd` has been changed to `main` since release 8.1.0. The name is now changed back to `mcmd` to make it easier to monitor the process with the `ps` command. (Bug #35948991)
- When `mcmd` was running on Windows platforms, there were too many "Async queue pop timeout" warnings, making it hard to read the log. The threshold for issuing the warning is now raised to 0.5s to avoid unnecessary warnings. (Bug #35463580)

- When starting `mcmd`, a user named `root` could be set up for connection from a client, even if `mcmd` was not being run by root. That is now disallowed. (Bug #34999007)