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-party 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)