
MySQL Cluster Manager 8.1 Release Notes

Abstract

This document contains information about changes in successive versions of MySQL Cluster Manager 8.1, starting with the most recent release (MySQL Cluster Manager 8.1.0). Changes in previous MySQL Cluster Manager releases can be found afterwards, ordered from newest to oldest.

For additional MySQL Cluster Manager 8.1 documentation, see <https://dev.mysql.com/doc/mysql-cluster-manager/8.1/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.

Document generated on: 2023-09-25 (revision: 27281)

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Preface and Legal Notices

This document contains information about changes in successive versions of MySQL Cluster Manager 8.1, starting with the most recent release (MySQL Cluster Manager 8.1.0). Changes in previous MySQL Cluster Manager releases can be found afterwards, ordered from newest to oldest.

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Changes in MySQL Cluster Manager 8.1.0 (2023-07-18, Innovation Release)

- [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 from OpenSSL 1.1.1 to OpenSSL 3.0. The exact version is now 3.0.9. More information on changes from 1.1.1 to 3.0 can be found at https://www.openssl.org/docs/man3.0/man7/migration_guide.html. (Bug #35386681)
- **Client:** The `--background` option for the `mcm` client commands have been deprecated. A warning is issued to `mcmd.log` when the option is used. (Bug #35243651)
- Encrypted connections are now supported by MySQL Cluster Manager. See [Using Encrypted Connections](#) for details. (Bug #35092385)

Bugs Fixed

- **Agent:** `mcmd` could not be run as a service on a Linux platform unless a PID file was configured in the DEFAULT section in the `mcmd` configuration file, which should not be necessary. (Bug #35396661)
- **Agent:** The command-line format of the following options has been deprecated since release 8.0.30, and it can no longer be used now:
 - `--bind-port`
 - `--copy-port`
 - `--xcom-port`
 - `--mcmd-user`Use the `--mcmd.[option]` format instead, or specify the options in the configuration file. (Bug #35232312)
- **Agent:** The `show status` command can now be used without any options, in which case the runtime information of the `mcmd` agent the client connected to is returned. (Bug #35093097)
- **Client:** Users did not receive a warning message when packages supported on an experimental basis were added (for example, when the package added was of an NDB version that was ahead of the MCM version being used). A warning is now issued in the situation. (Bug #35457886)

- **Client:** Setting the `mysqld` system variable `audit_log_format` to the value `JSON` using the `mcm` client resulted in an error and the complaint that the value was illegal. (Bug #35367868)
- **Client:** Client authentication failed for `mcm` with "(using password: NO)" in the error message if a password was supplied and the option `--default-auth` was set to a method other than `caching_sha2_password`. (Bug #35233284)

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