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# MySQL Cluster Manager 9.4 Release Notes

## Abstract

This document contains information about changes in MySQL Cluster Manager version 9.4.

For additional MySQL Cluster Manager 9.4 documentation, see <https://dev.mysql.com/doc/mysql-cluster-manager/9.4/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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## Changes in MySQL Cluster Manager 9.4.0 (2025-07-23, Innovation Release)



### Note

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

Version 9.4.0 is the latest innovation Release of the MySQL Cluster Manager. It is intended for use with MySQL NDB Cluster 9.4 and 8.4, but also supports the 8.0 series.

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

## Functionality Added or Changed

- **Agent:** The `libxml2` library bundled in the Windows distribution of MySQL Cluster Manager has been upgraded to version 2.14.4. (Bug #38073806)
- **Agent:** A new advisor mechanism has been created for MySQL Cluster Manager. Currently, only one advisor is provided: a backup advisor gives a warning when a cluster backup has not been performed in the last 24 hours. The warning can be queried with the `list warnings` command. (Bug #37886705)
- **Agent:** XCom communications among `mcmd` agents can now be encrypted with TLS to enhance security for the system. (Bug #35549980)
- **Agent:** There is now an event log (`mcmd_eventlog.csv`) that records major events for MySQL Cluster Manager (system information, beginnings and completions of commands and processes, etc.). The event log is found in the folder specified by the `--logging_folder` option, and is collected by the `collect logs` command. (Bug #35042269)

## Bugs Fixed

- **Agent:** The `sample_mcmd.conf` file has been updated to have the `mcmd_password` entry uncommented. That makes the file consistent with the requirement since release 9.3.0 that a user-defined `mcmd` password must be added to the configuration file. (Bug #38031559)

References: See also: Bug #37457513.

- **Agent:** The `upgrade cluster` command did not reject invalid downgrade paths for MySQL NDB Clusters (for example, from one innovation release to another). (Bug #37921613)
- **Agent:** The `stop process` command timed out on a non-running node that had been successful added by a command that failed subsequently. With this fix, the `stop process` command returns success in this scenario. (Bug #37889501)
- **Client:** When a path to a file instead of a folder is given with the `add package` command as the argument for the `--basedir` option, the `mcm` client complained that the file did not exist. With this fix, `mcm` throws the proper error and complains on the wrong path type. (Bug #37808054)