
MySQL Operator Release Notes

Abstract

This document contains release notes for the changes in each release of MySQL Operator for Kubernetes.

For additional MySQL Operator for Kubernetes documentation, see [MySQL Operator for Kubernetes](#).

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 release notes for the changes in each General Availability release of MySQL Operator for Kubernetes.

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Changes in MySQL Operator for Kubernetes 8.0

Changes in MySQL Operator for Kubernetes 8.0.32-2.0.8 (Not yet released, General Availability)

Version 8.0.32-2.0.8 has no release notes, or they have not been published because the product version has not been released.

Changes in MySQL Operator for Kubernetes 8.0.31-2.0.7 (2022-10-11, General Availability)

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

Functionality Added or Changed

- Added AWS S3 support, a feature added in MySQL Shell 8.0.30.

This extends the `dumpInstance.storage` and `initDB.storage` properties to include an `s3` property with `bucketName` and `credentials`. The `credentials` property is a Kubernetes Secret with `awsAccessKeyId`, `awsSecretAccessKey`, `awsSessionToken` (optional), `region`, and `s3EndpointOverride` (optional).

Bugs Fixed

- Added Kubernetes 1.25 support, and dropped compatibility for Kubernetes 1.20 and older. (Bug #34624864)
- The `dumpOptions` definition defined in a MySQL Backup request was ignored. (Bug #34569963)

Changes in MySQL Operator for Kubernetes 8.0.30-2.0.6 (2022-09-05, General Availability)

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

Functionality Added or Changed

- The 8.0.30 enterprise edition installs MySQL Shell 8.0.29 instead of 8.0.30. (Bug #108189, Bug #34519959)
- Enterprise data masking and encryption functions are now enabled by default for enterprise versions.

Bugs Fixed

- Added error handling to account for the MySQL Server 8.0.29 removal. (Bug #34537780)
- For Helm, added support to customize the `podSpec` section. (Bug #34491762)
- For Helm, added support to customize the `storageClassName` field.
Our thanks to Alberto Clemente for the contribution. (Bug #108083, Bug #34472884)
- For Helm, added support to select the MySQL Edition (as either 'community' or 'enterprise').
Our thanks to Alberto Clemente for the contribution. (Bug #108082, Bug #34472883)

Changes in MySQL Operator for Kubernetes 8.0.30-2.0.5 (2022-07-26, General Availability)

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

Functionality Added or Changed

- Updated the following dependencies: Kopf from v1.33.0 to v1.35.4, and the Kubernetes client from v18.20.0 to v23.6.0.

- Group replication now uses the MySQL protocol to establish connections instead of the internal XCom communication infrastructure. Newly created clusters use the MySQL Protocol via port 3306, whereas clusters created using a previous version will continue to use XCom on port 33061.

This also changes the minimum supported MySQL Server version from v8.0.24 to v8.0.27.

- Added cert-manager (a CNCF project) support.

Bugs Fixed

- Removed the `AUDIT_READ` securityContext capability; a feature introduced in Linux Kernel 3.16 which is too new for some K8s installations, such as Enterprise Linux 7. (Bug #107322, Bug #34218300)

Changes in MySQL Operator for Kubernetes 8.0.29 (2022-04-26, General Availability)



Important

Because [MySQL Server 8.0.29 was removed](#), attempts to pull in MySQL Server 8.0.29 images will fail. Instead, upgrade to MySQL Operator for Kubernetes 8.0.30.

MySQL Operator for Kubernetes reached General Availability status in version 8.0.29. Release notes were added after this release, beginning with 8.0.30.

Changes in MySQL Operator for Kubernetes 8.0.28 (2022-01-18, Development Milestone)

There are no release notes for this release.