5.0 Migration Guide

Version 1.0

December 2020

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Foreward

This is a BETA release and is not suitable for a live / production environment. Please proceed at your own risk and as always please backup your data before commencing an upgrade! Although we have gone through significant testing we cannot guarantee there won't be any issues.

This document is for the purpose of migrating from uniCenta 4.6.2 to uniCenta version 5.0. We follow a semantic versioning system in that the first digit of the release indicates a major change and has significant impact on the end user. The main focus for the 5.0 release is to use all open source technologies where possible. As uniCenta requires the java virtual machine to run the first major change is for it to be developed and run using the openjdk version 11 (LTS). uniCenta Also requires a database and has for a long time required MySQL version 5.7. We are pleased to announce that we have now included support for MariaDB 10.2 and above. Although we still support MySQL 5.7 we are marking it as deprecated and will be removed in a future release.

Clean install

If you are installing uniCenta 5.0 without the need to migrate an existing system please follow these steps

Install the provided Java Runtime

We have provided the required Java Runtimes. As uniCenta has a dependency on JavaFX please download and install the JVM supplied that is relevant to your system.

- Windows 32 Bit → https://unicenta.com/packages/java-11-windows-32-bit

- Windows 64 Bit → https://unicenta.com/packages/java-11-windows-64-bit

- Linux 64 Bit → https://unicenta.com/packages/java-11-linux-64-bit

- Max OS X → https://unicenta.com/packages/java-11-os-x-64-bit

Install MariaDB

Download and install the MariaDB 10.2 or greater.

- https://downloads.mariadb.org/mariadb/10.2.36

Install uniCenta 5.0

Download and install uniCenta 5.0

- Windows → https://unicenta.com/packages/unicenta-opos-5-0-beta-windows

- Linux 64 Bit → https://unicenta.com/packages/unicenta-opos-5-0-beta-linux-64-bit

- Linux 32 Bit → https://unicenta.com/packages/unicenta-opos-5-0-beta-linux-32-bit

- Max OS X → https://unicenta.com/packages/unicenta-opos-5-0-beta-os-x

Migrating from uniCenta 4.6.2 to uniCenta 5.0

Backup your system

Before running any migration please backup your existing database and system files so that you can easily restore your system should anything go wrong.

Install the provided Java Runtime

We have provided the required Java Runtimes. As uniCenta has a dependency on JavaFX please download and install the JVM supplied that is relevant to your system.

- Windows 32 Bit → https://unicenta.com/packages/java-11-windows-32-bit

- Windows 64 Bit → https://unicenta.com/packages/java-11-windows-64-bit

- Linux 64 Bit → https://unicenta.com/packages/java-11-linux-64-bit

- Max OS X → https://unicenta.com/packages/java-11-os-x-64-bit

Upgrade MySQL 5.7 to MariaDB 10.2

Download and run the MariaDB package for you system at → https://downloads.mariadb.org/mariadb/10.2.36

- Run the installation and make sure you select upgrade your existing database
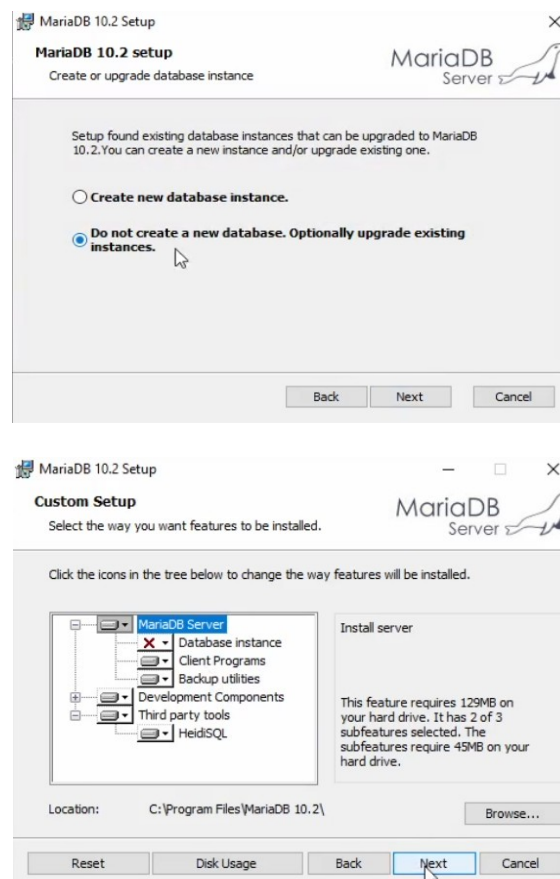
- Launch upgrade once install has completed
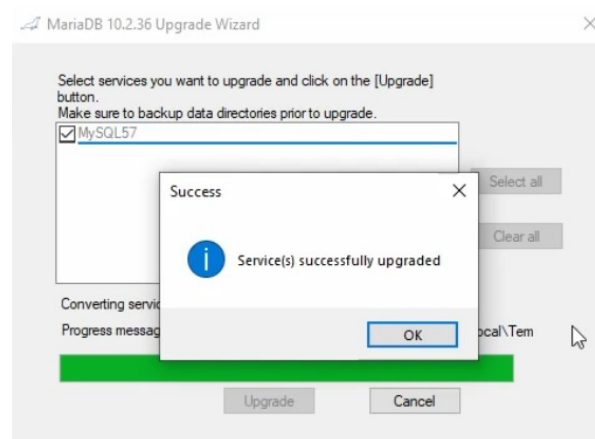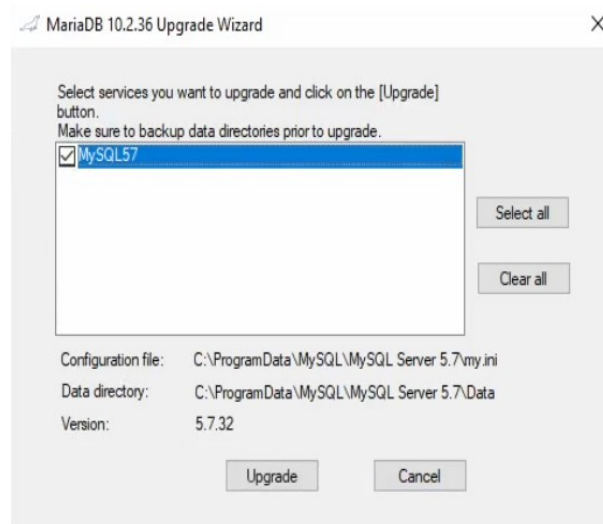
- Once complete you should be running MariaDB 10.2. You can confirm this by checking the services are logging into the database.
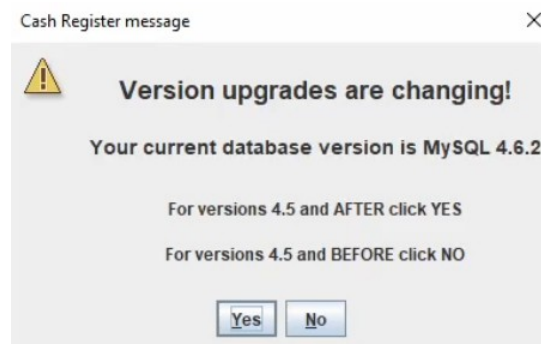
Install uniCenta 5.0

Download and install uniCenta 5.0

- Windows → https://unicenta.com/packages/unicenta-opos-5-0-beta-windows

- Linux 64 Bit → https://unicenta.com/packages/unicenta-opos-5-0-beta-linux-64-bit

- Linux 32 Bit → https://unicenta.com/packages/unicenta-opos-5-0-beta-linux-32-bit

  Max OS X → https://unicenta.com/packages/unicenta-opos-5-0-beta-os-x

Complete migration

When running uniCenta for the first time a migration will be detected. Answer Yes so that the migration can complete.

Update uniCenta to use the MariaDB configuration.

Restart uniCenta and you're all done!

Conclusion

We are in the process of BETA testing and will do an official 5.0 release for production as soon as we are confident there are no major issues.