1. Maria DB

MariaDB General information:

MariaDB is a database server software that is used as the default OpenLM database in case no other external database sources are available in the organization.

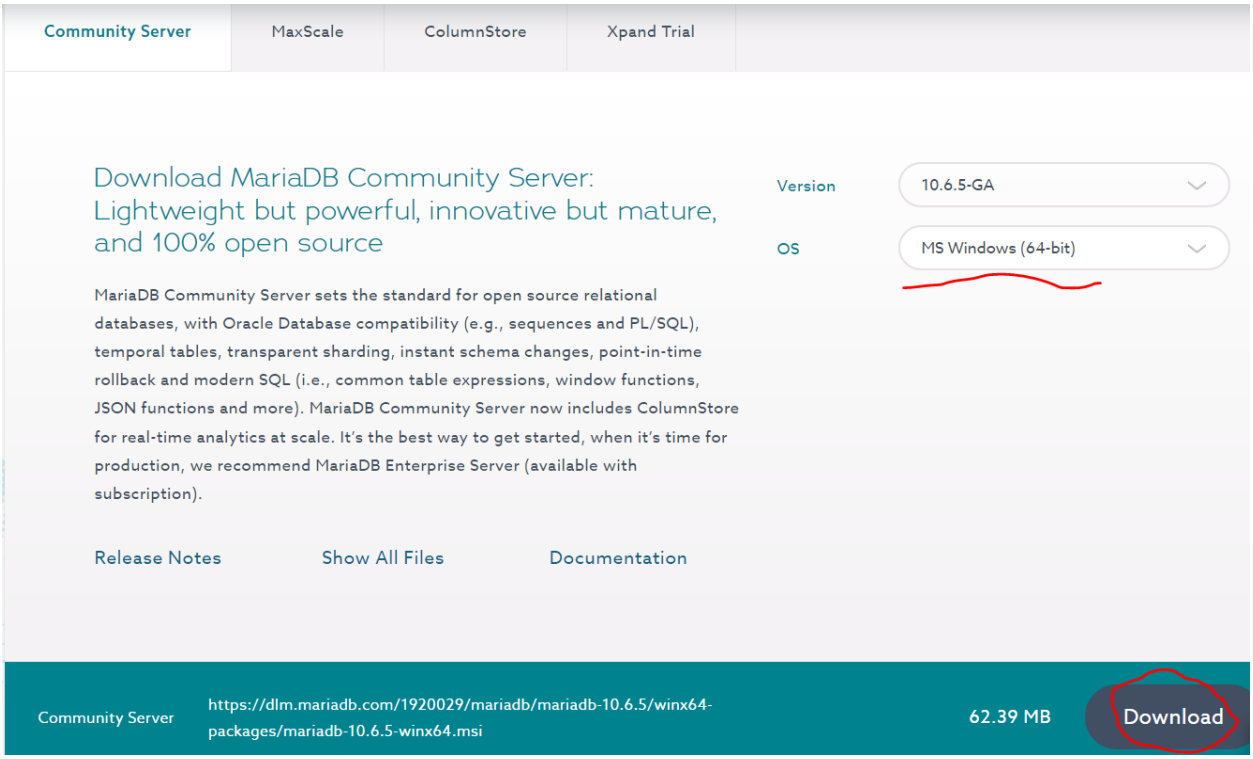
The following process details the full process from downloading MariaDB to creating a new database on it.

MariaDB Prerequisites:

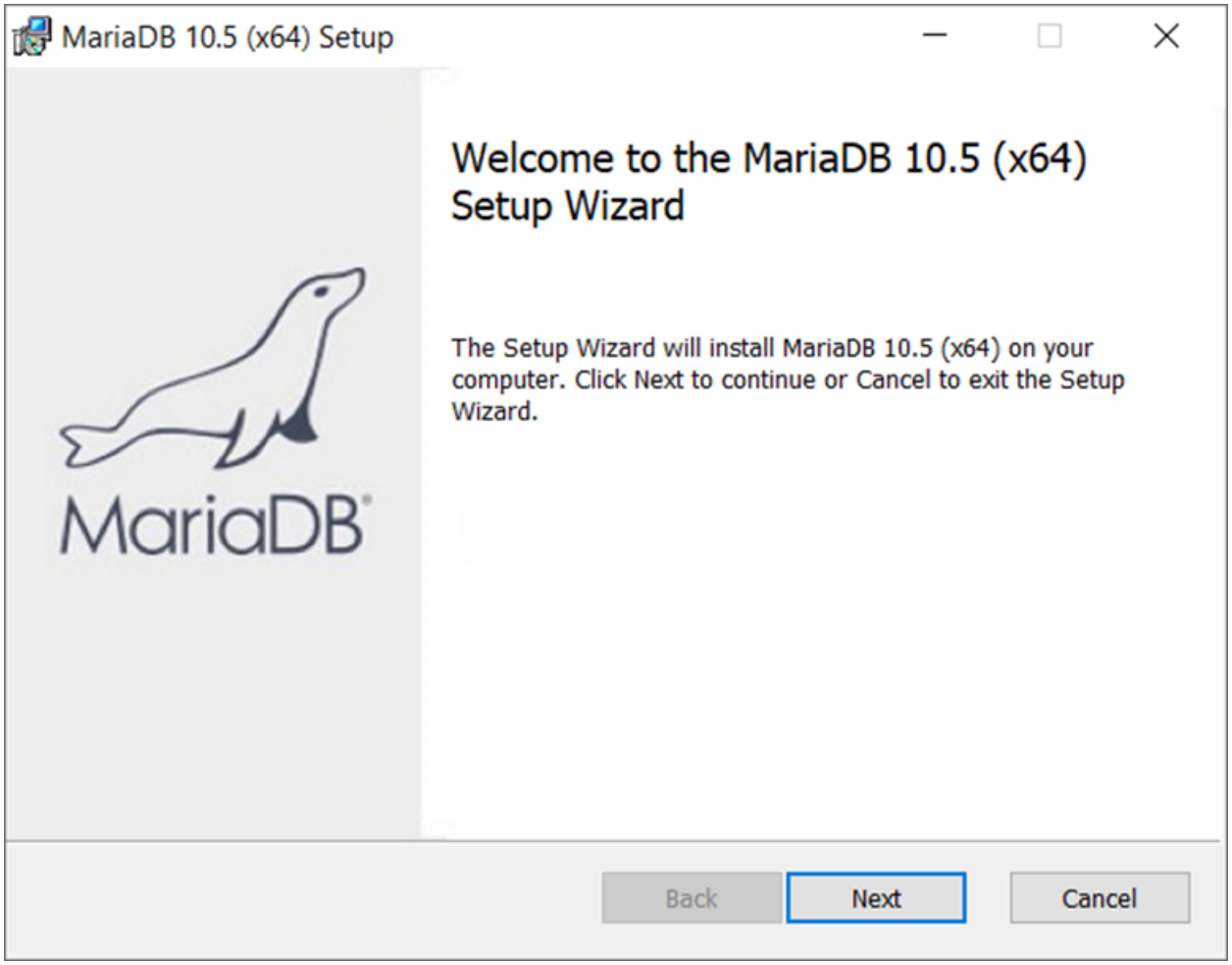
- MariaDB Server 10.5.
- Minimum of 1 CPU core and 512 MB of RAM in addition to the minimal requirements of OpenLM Server.

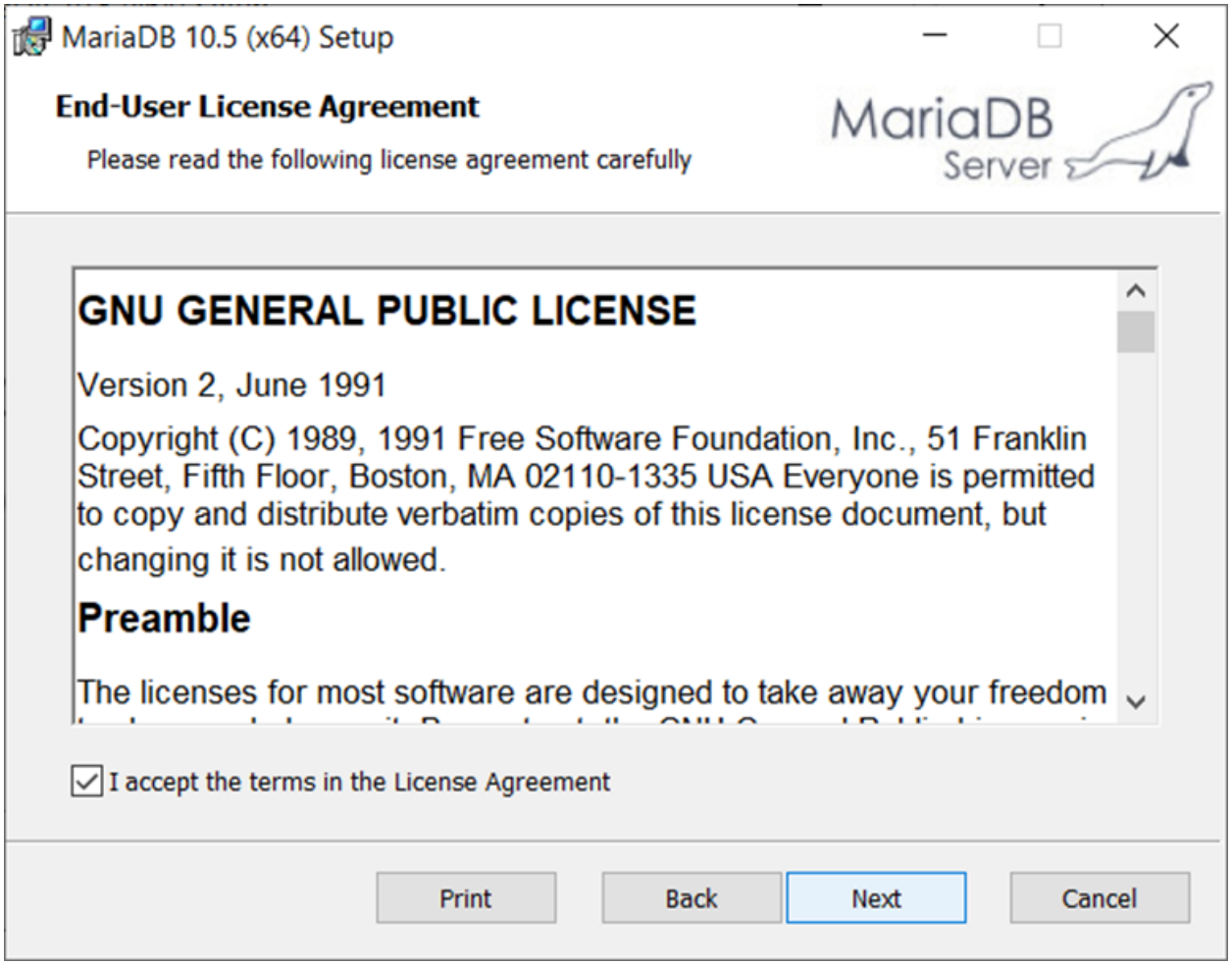
MariaDB Installation Process:

1. Navigate to the official MariaDB downloads page: https://mariadb.com/downloads/
2. Choose the correct operating system and download the installer file.



3. Run the installer and start installation of the MariaDB Server software.


MariaDB 10.5 (x64) Setup
Welcome to the MariaDB 10.5 (x64) Setup Wizard
The Setup Wizard will install MariaDB 10.5 (x64) on your computer. Click Next to continue or Cancel to exit the Setup Wizard.
MariaDB
Back
Next
Cancel


MariaDB 10.5 (x64) Setup
End-User License Agreement
Please read the following license agreement carefully
MariaDB Server
GNU GENERAL PUBLIC LICENSE
Version 2, June 1991
Copyright (C) 1989, 1991 Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.
Preamble
The licenses for most software are designed to take away your freedom
I accept the terms in the License Agreement
Print
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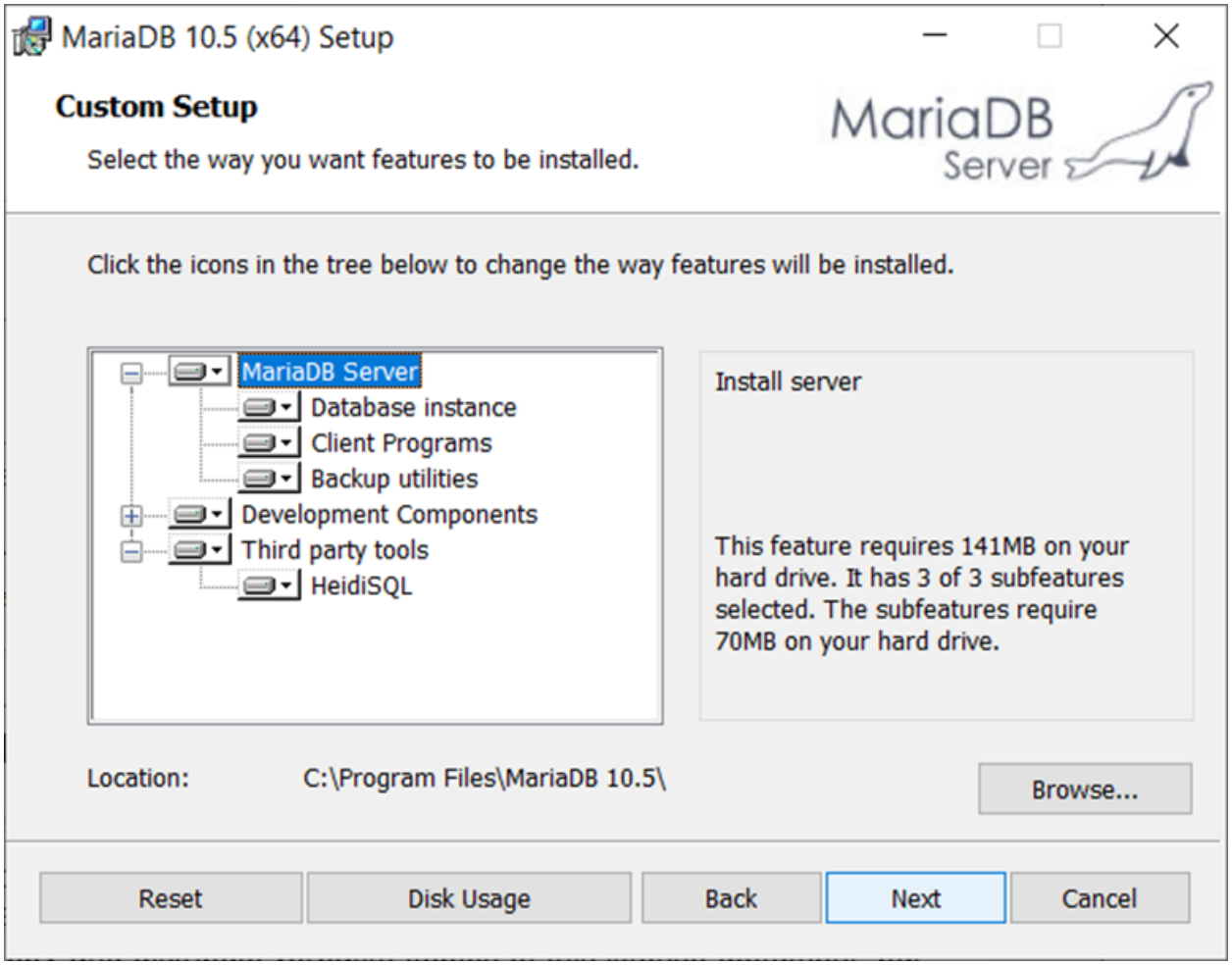
Cancel

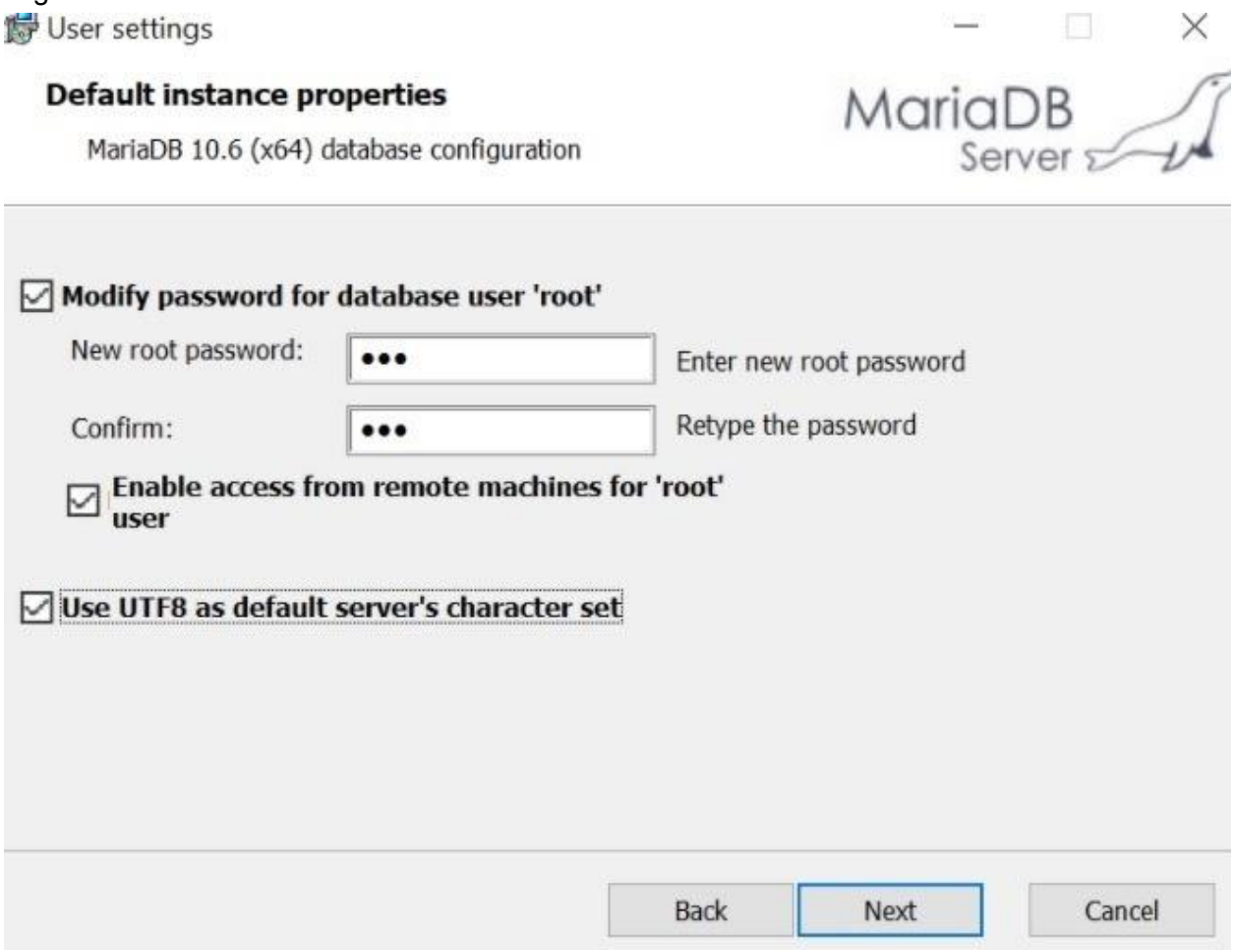


4. Setup the root password of the OpenLM database and tick the checkboxes:
   - Enable access from remote machines for ‘root’

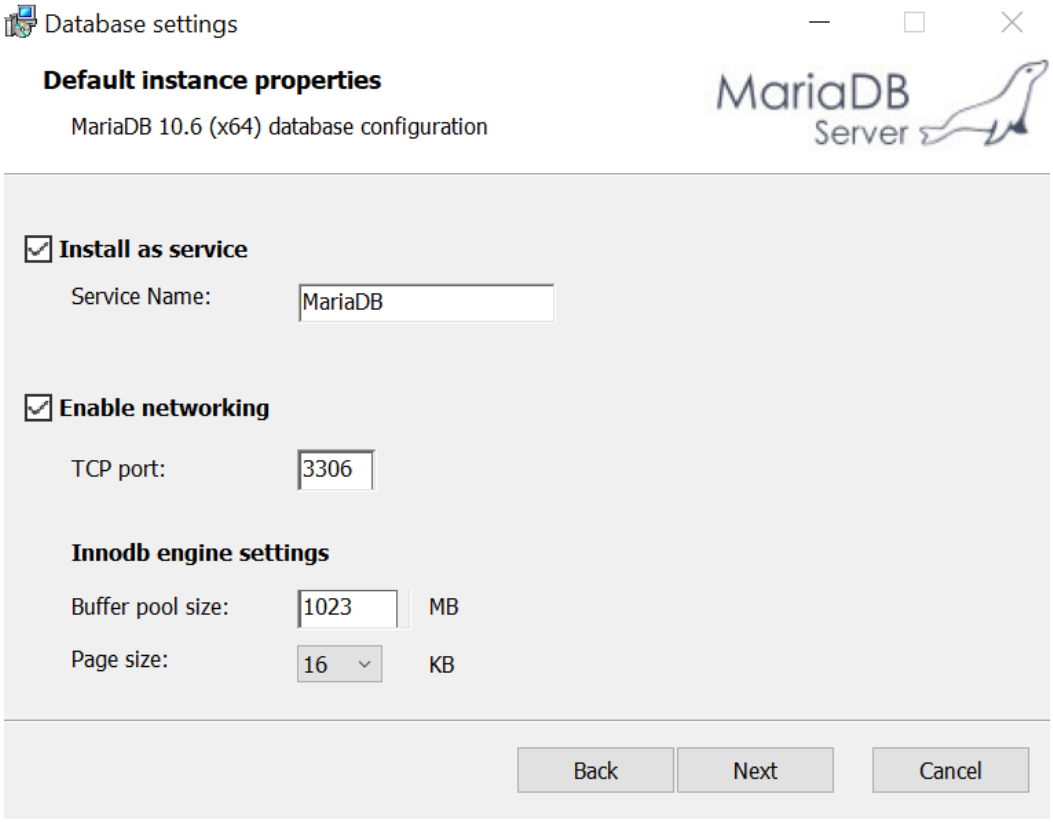
Use UTF8 as default server’s character set.

* Please make a note of the root password, as recovery will not be possible if it is lost or

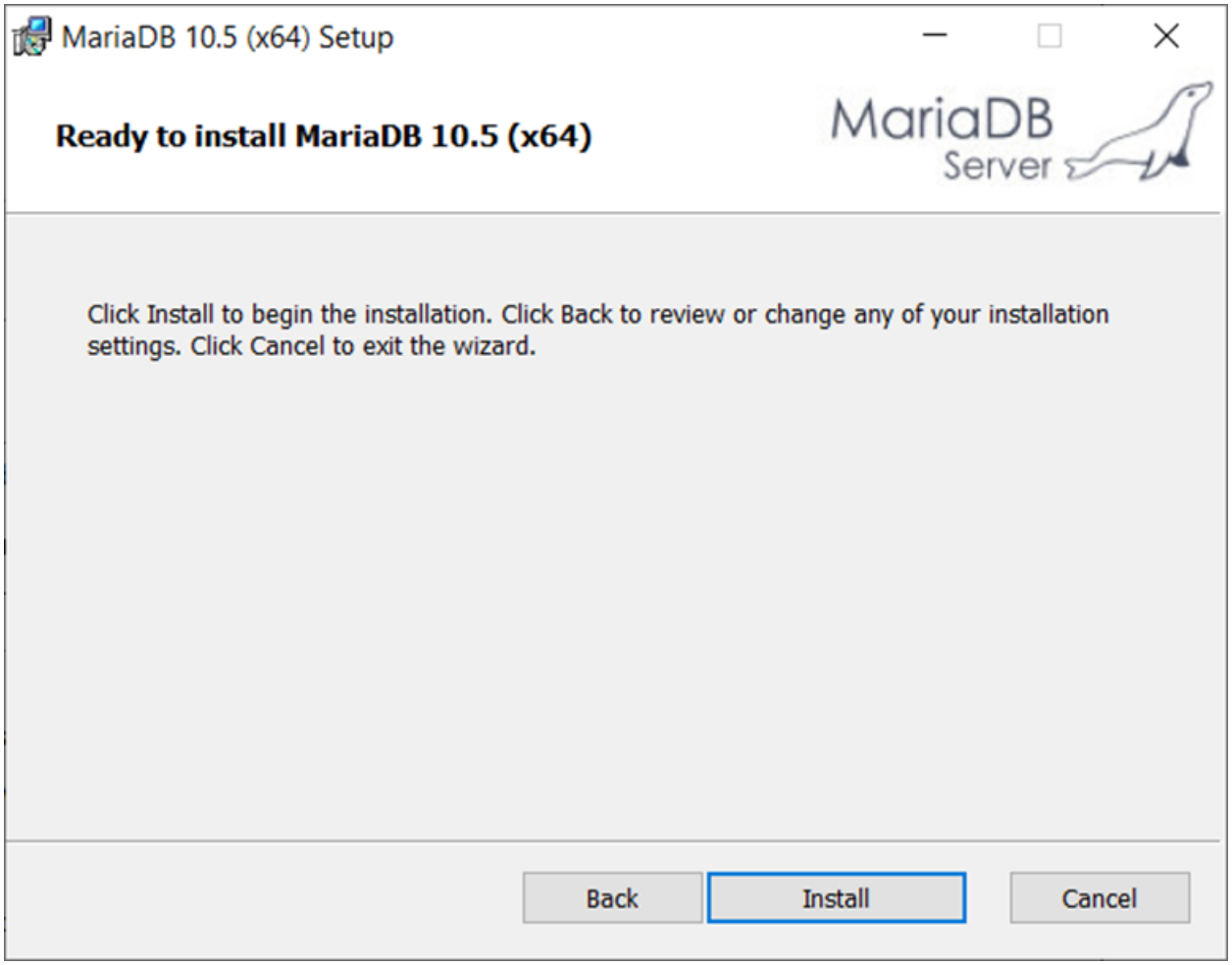
forgotten.



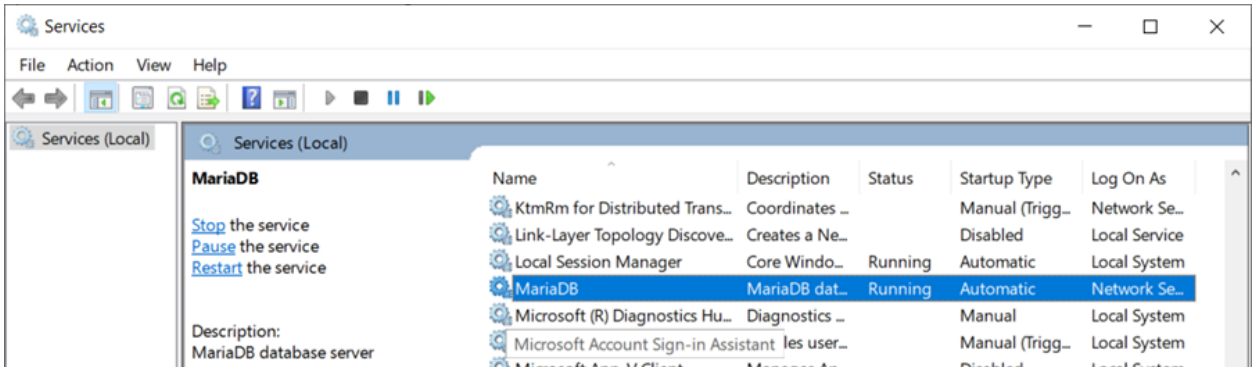
5. Select the port you would like to use for the database. The default port is 3306 with service name “MariaDB”.



6. Install the software and wait for it to finish.

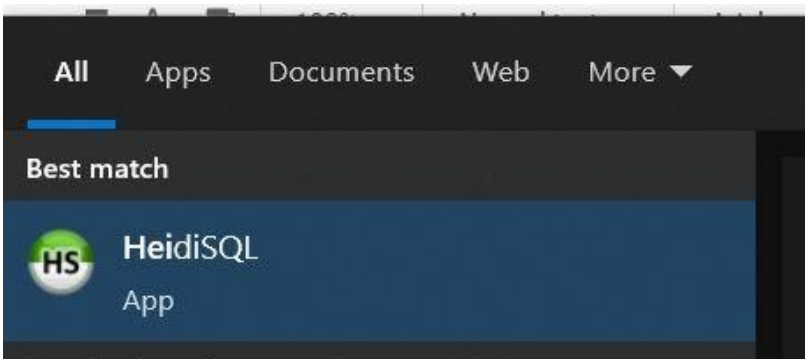


7. You should now be able to see the MariaDB Service running in the Windows “Services” panel.

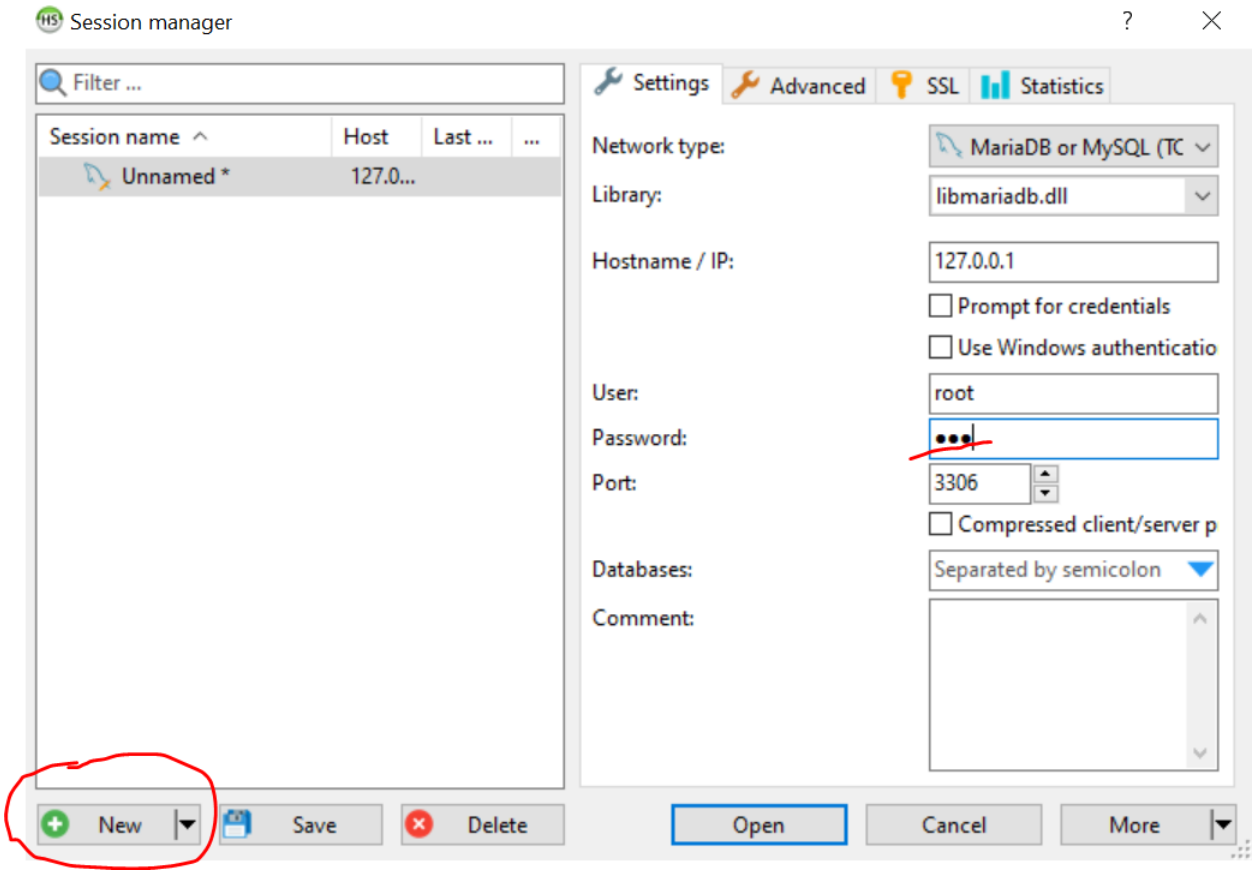


MariaDB Database Setup Process:

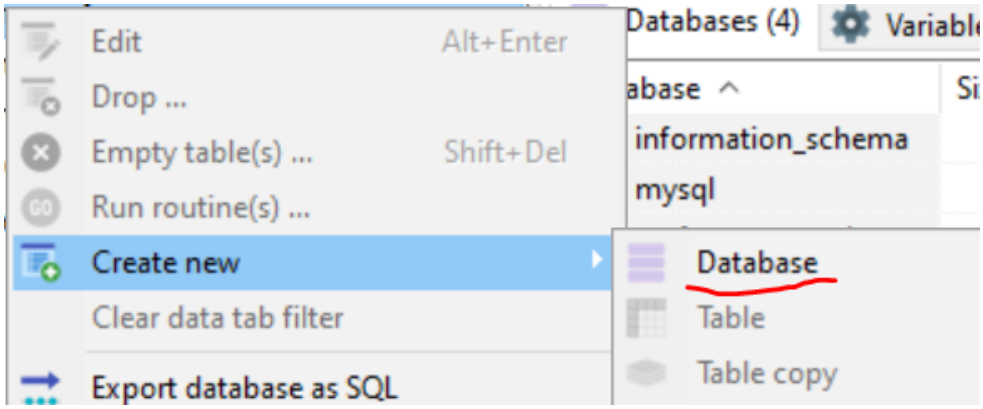
1. Start the HeidiSQL app which was installed by default with the Maria DB.



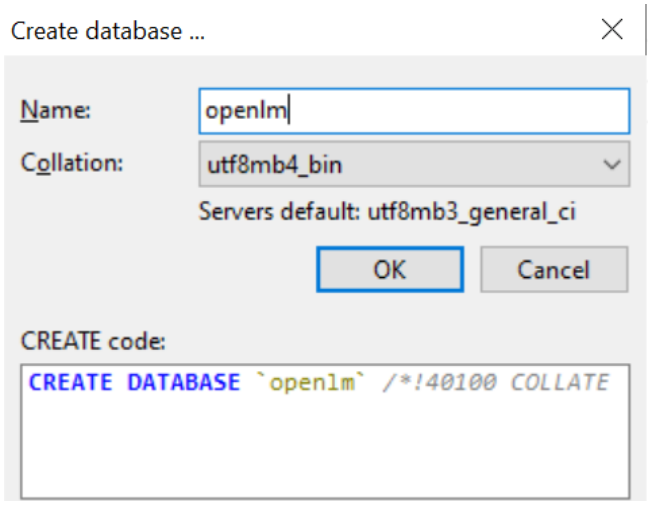
2. Click on “New” and enter the root password that you have created during the installation process of MariaDB.



3. Right-click on Unnamed (it's the name of your DB instance), go to “Create new”, and choose “Database”.



4. Enter a name for your new DB, switch the collation to utf8mb4_bin, and click OK.



5. The OpenLM database is ready to be connected with OpenLM during the installation process of the OpenLM Server component.