

***** Mariadb OR My-sql Server *****

- MariaDB Server is one of the most popular database servers in the world.
- It's made by the original developers of MySQL and guaranteed to stay open source.
- MARIADB is A REPLACEMENT FOR MYSQL.
- In Red Hat Enterprise Linux, the mariadb-server package provides MariaDB.
- MariaDB is a fork of the MySQL database project that provides a drop-in replacement for MySQL.
- It preserves API/ABI compatibility with MySQL and adds some new features.
- MariaDB is used because it is fast, scalable and robust, with a rich ecosystem of storage engines, and plugins.
- MariaDB shows an improved speed when compared to MySQL.
- The original company behind MySQL, MySQL AB, were bought out by Sun which was then bought by Oracle.

Why was MariaDB created?

It was primarily developed due to concerns that arose when MySQL was acquired by Oracle Inc.

What is difference between MariaDB and MySQL?

MariaDB Server is licensed as GPLv2, while MySQL has two licensing options - GPLv2 (for Community edition) and Enterprise. The main difference between the two licenses for MySQL is the available features and support. While you receive the full-featured package when using MariaDB, that's not the case with MySQL.

Why it is called Mariadb ?

The development of MariaDB was led by **Michael "Monty" Widenius**, who was also the lead developer on MySQL and a founder of MySQL AB, a vendor that Sun bought in 2008. After leaving Sun in early 2009, he and several colleagues began work on a MySQL storage engine that soon morphed into MariaDB, **which is named after Widenius's youngest daughter**. He also formed a new company that merged with a database consulting business to create what eventually became known as **MariaDB Corp.**

The first release of MariaDB, known as version 5.1, became available for production uses in early 2010.

How we can configure mariadb on Linux machines ?

Package: mariadb-server

Daemon: mariadb

Port number: 3306

File: /etc/my.cnf

Log: /var/log/mariadb/mariadb.log

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How we can login in database server using any user account ?

mysql -u username -p password

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Mariadb package is required to run mysql command on local machine or on any remote machine.

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Types of default users in Mariadb ?

- 1- Root → can be set the password after mariadb installation.
- 2- Anonymous → note we should always delete it in production server.
