CONFIGURATION GUIDES › DATABASES

Installing MySQL on Linux

Applicare 10.0 · Updated August 22, 2024 · mysql · **Pending technical review**

OS: RHEL 9

Step 1: Download and add the following **MySQL Yum repository** to install the latest version of MySQL.

```bash
wget https://repo.mysql.com/mysql80-community-release-el8-1.noarch.rpm
```

Step 2: After downloading the package for Linux platform, now install it using the following command.

```bash
yum localinstall mysql80-community-release-el8-1.noarch.rpm
```

Step 3: You can verify that the MySQL Yum repository has been successfully added by using the following command.

```bash
yum repolist enabled | grep "mysql.*-community.*"
```

Step 4: Install the latest version of **MySQL** (currently **8.0**) using the following command.

```bash
yum install mysql-community-server
```

Step 5: After successfully installing of MySQL, start and enable the MySQL server with the following commands.

```text
systemctl enable mysqld.service
```

```text
systemctl start mysqld.service
systemctl status mysqld.service
```

Step 6: The **MySQL_secure_installation** command helps secure your to MySQL installation by configuring essential settings, such as setting the root password, removing anonymous users and disabling remote root login, and among other tasks.

Use the following command to view the current password before running MySQL secure command.

```
TEXT
grep 'temporary password' /var/log/mysqld.log
```

Once you have the password, you can proceed to run the following command to secure your MySQL installation.

```
TEXT
mysql_secure_installation
```

Enter new Root password, which is your temporary password from a file `/var/log/mysqld.log`.

Step 7: Connect to the newly installed MySQL server by providing a username and password.

```
TEXT
mysql –uroot –p
```

Step 8: Once the connection is working, execute the **exit** command to exit the MySQL query window.

Step 9: To set SQL mode.- **Click here**

Uncomment the following line in my.cnf file to stop bin log file generation in MySQL.

```
TEXT
disable_log_bin
```

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