

MySQL Community Server 8.0.37 Installation on OEL 7.9:

Host Name: ZebraDB-mysql.corp.com

- Install required dependencies:

```
[admn@ZebraDB-mysql ~]$ sudo yum update
[admn@ZebraDB-mysql ~]$ sudo yum install mysql-server
[admn@ZebraDB-mysql ~]$ sudo yum install mysql-community-server
Loaded plugins: langpacks, ulninfo
Package mysql-community-server-8.0.37-1.el7.x86_64 already installed and
latest version
Nothing to do
```

- Check mysql version:

```
[admn@ZebraDB-mysql ~]$ mysql --version
mysql Ver 8.0.37 for Linux on x86_64 (MySQL Community Server - GPL)
[admn@ZebraDB-mysql ~]$
```

- Start and enable mysqld service ,if not:

```
[admn@ZebraDB-mysql ~]$ sudo systemctl status mysqld
● mysqld.service - MySQL Server
Loaded: loaded (/usr/lib/systemd/system/mysqld.service; enabled; vendor
preset: disabled)
Active: active (running) since Sun 2024-06-02 04:37:24 MDT; 16min ago
Docs: man:mysqld(8)
http://dev.mysql.com/doc/refman/en/using-systemd.html
Process: 1519 ExecStartPre=/usr/bin/mysqld_pre_systemd (code=exited,
status=0/SUCCESS)
Main PID: 3407 (mysqld)
Status: "Server is operational"
Tasks: 38
CGroup: /system.slice/mysqld.service
└─3407 /usr/sbin/mysqld

Jun 02 04:36:33 ZebraDB-mysql.corp.com systemd[1]: Starting MySQL Server...
Jun 02 04:37:24 ZebraDB-mysql.corp.com systemd[1]: Started MySQL Server.

[admn@ZebraDB-mysql ~]$ sudo systemctl enable mysqld
```

- Generate temporary password for secure installation:

```
[admn@ZebraDB-mysql ~]$ sudo grep 'temporary password' /var/log/mysqld.log
[sudo] password for admn:
2024-06-02T10:36:56.476752Z 6 [Note] [MY-010454] [Server] A temporary
password is generated for root@localhost: DafRJG084J**
```

- Initiate secure installation:

```
[admn@ZebraDB-mysql ~]$ mysql_secure_installation
```

Securing the MySQL server deployment.

Enter password for user root:

The existing password for the user account root has expired. Please set a new password.

New password:

Re-enter new password:

... Failed! Error: Your password does not satisfy the current policy requirements

New password:

Re-enter new password:

The 'validate_password' component is installed on the server.
The subsequent steps will run with the existing configuration of the component.
Using existing password for root.

Estimated strength of the password: 100

Change the password for root ? ((Press y|Y for Yes, any other key for No) :
n

... skipping.

By default, a MySQL installation has an anonymous user, allowing anyone to log into MySQL without having to have a user account created for them. This is intended only for testing, and to make the installation go a bit smoother. You should remove them before moving into a production environment.

Remove anonymous users? (Press y|Y for Yes, any other key for No) : y
Success.

Normally, root should only be allowed to connect from 'localhost'. This ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? (Press y|Y for Yes, any other key for No) : n

... skipping.

By default, MySQL comes with a database named 'test' that anyone can access. This is also intended only for testing, and should be removed before moving into a production environment.

Remove test database and access to it? (Press y|Y for Yes, any other key for No) :

... skipping.

Reloading the privilege tables will ensure that all changes made so far will take effect immediately.

Reload privilege tables now? (Press y|Y for Yes, any other key for No) : y
Success.

All done!

[admn@ZebraDB-mysql ~]\$

- To get connect to mysql interface:

```
[admn@ZebraDB-mysql ~]$ mysql -u root -p
```

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 13

Server version: 8.0.37 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> show databases;
```

```
+-----+
```

```
| Database |
```

```
+-----+
```

```
| information_schema |
```

```
| mysql |
```

```
| performance_schema |
```

```
| sys |
```

```
+-----+
```

```
4 rows in set (0.00 sec)
```

```
mysql>
```