

Step 2 — Configuring MySQL

- Open MySQL prompt

```
sudo mysql
```

- Change the root user's authentication method to one that uses a password

```
ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'password';
```

- Exit the MySQL prompt

```
exit
```

- Authenticate as the root MySQL user using a password

```
mysql -u root -p
```

- Go back to using the default authentication method

```
ALTER USER 'root'@'localhost' IDENTIFIED WITH auth_socket;
```

- Exit the MySQL prompt

```
exit
```

- Run the security script

```
sudo mysql_secure_installation
```

- Following configuration is shown

Output

Securing the MySQL server deployment.

Connecting to MySQL using a blank password.

VALIDATE PASSWORD COMPONENT can be used to test passwords and improve security. It checks the strength of password

and allows the users to set only those passwords which are secure enough. Would you like to setup VALIDATE PASSWORD component?

Press y|Y for Yes, any other key for No: Y

There are three levels of password validation policy:

LOW Length ≥ 8

MEDIUM Length ≥ 8 , numeric, mixed case, and special characters

STRONG Length ≥ 8 , numeric, mixed case, special characters and dictionary file

Please enter 0 = LOW, 1 = MEDIUM and 2 = STRONG:

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Output

Please set the password for root here.

New password:

Re-enter new password:

Output

Estimated strength of the password: 100

Do you wish to continue with the password provided?(Press y|Y for Yes, any other key for No) : Y

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