

10、Docker安装MySQL问题解决

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• 1、1251

- 原因：mysql8.0默认使用caching_sha2_password身份验证机制；客户端不支持新的加密方式。
- 解决方案：

- 1、进入MySQL容器内部

```
[root@localhost ~]# docker exec -it mysql02 bash
```

- 2、登录MySQL

```
root@f712a2f0c808:/# mysql -u root -p
```

```
Enter password:
```

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

```
Your MySQL connection id is 12
```

```
Server version: 8.0.20 MySQL Community Server - GPL
```

```
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```

```
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```

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

- 3、设置用户配置项

- 1) 查看用户信息

```
mysql> select host,user,plugin,authentication_string from mysql.user;
```

```
+-----+-----+-----+-----+
| host      | user      | plugin      | authentication_string |
+-----+-----+-----+-----+
| %         | root      | caching_sha2_password | $A$005$*_2ak
```

```
vrJPz2OKCdweq5bb0a9sQk.pFfqUGp8rJIT/jcSCT/1eDZesf6GgO. |
| localhost | mysql.infoschema | caching_sha2_password | $A$005
$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATM
USTNEVERBRBEUSED |
| localhost | mysql.session   | caching_sha2_password | $A$005
$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATM
USTNEVERBRBEUSED |
| localhost | mysql.sys       | caching_sha2_password | $A$005
$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATM
USTNEVERBRBEUSED |
```

```
| localhost | root          | caching_sha2_password | $A$005$9a5!
|Y|d[N2R/yuyOpm9d1v2/7rHbDON29T.YNdyxfITFD7JQ1TVfwFj80
|
+-----+-----+-----+-----+
-----+
```

5 rows in set (0.01 sec)

备注: host为 % 表示不限制ip localhost表示本机使用 plugin非
mysql_native_password 则需要修改密码

□ 2) 修改加密方式

```
mysql> ALTER USER 'root'@'%' IDENTIFIED WITH
mysql_native_password BY 'root';
```

Query OK, 0 rows affected (0.01 sec)

查看用户信息

```
mysql> select host,user,plugin,authentication_string from
mysql.user;
```

```
+-----+-----+-----+-----+
-----+
| host      | user          | plugin          | authentication_string
|
+-----+-----+-----+-----+
-----+
| %         | root          | mysql_native_password | *
81F5E21E35407D884A6CD4A731AEBFB6AF209E1B
|
| localhost | mysql.infoschema | caching_sha2_password | $A$005
$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATM
USTNEVERBRBEUSED |
| localhost | mysql.session    | caching_sha2_password | $A$005
$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATM
USTNEVERBRBEUSED |
| localhost | mysql.sys        | caching_sha2_password | $A$005
$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATM
USTNEVERBRBEUSED |
| localhost | root            | caching_sha2_password | $A$005$9a5!
|Y|d[N2R/yuyOpm9d1v2/7rHbDON29T.YNdyxfITFD7JQ1TVfwFj80
|
+-----+-----+-----+-----+
-----+
```

5 rows in set (0.00 sec)