

MySQL and Passwords

1. Entering clear text passwords doesn't work because MySQL **encrypts** passwords.

This example is **WRONG**

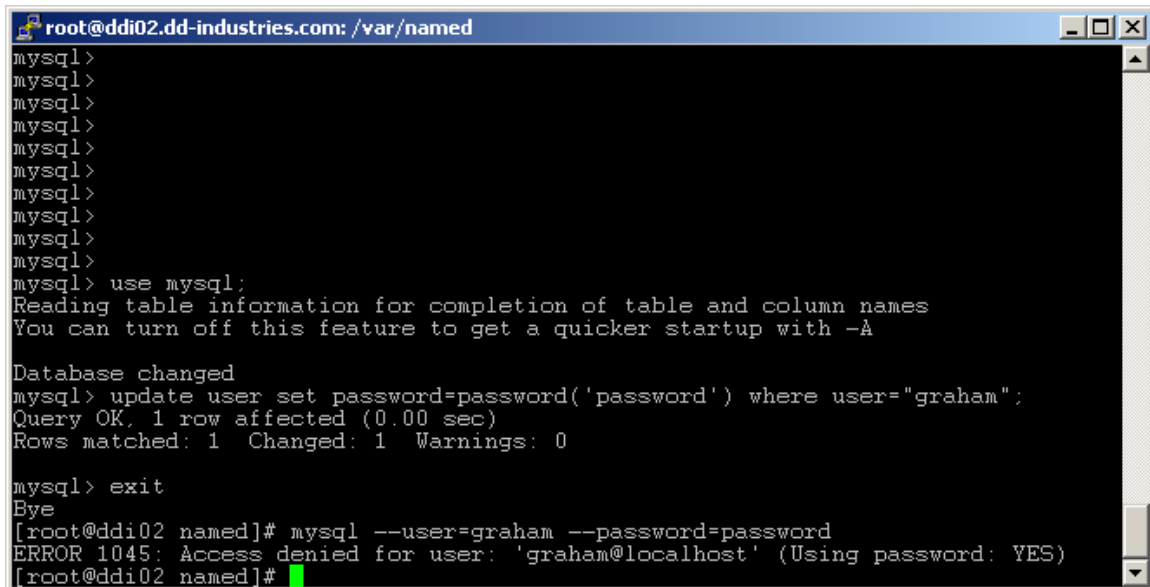
```
INSERT INTO user VALUES ("graham", "password");
```

The MySQL website recommends the use of the **password()** function, which in this context will insert an encrypted value:

```
INSERT INTO user VALUES ("graham", PASSWORD("password"));
```

Unfortunately, this **DOES NOT WORK EITHER!**

Consider the following:



```
root@ddi02.dd-industries.com: /var/named
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql>
mysql> use mysql;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> update user set password=password('password') where user="graham";
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> exit
Bye
[root@ddi02 named]# mysql --user=graham --password=password
ERROR 1045: Access denied for user: 'graham@localhost' (Using password: YES)
[root@ddi02 named]#
```

What you **must** remember to do is **restart** MySQL when you change a password!