

## strongSwan - Bug #137

### eap-simaka-sql: Incompatibility with MySQL

31.08.2011 22:40 - Stefan Tomas

<b>Status:</b>	Closed	<b>Start date:</b>	31.08.2011
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Tobias Brunner	<b>Estimated time:</b>	0.00 hour
<b>Category:</b>	libcharon	<b>Resolution:</b>	
<b>Target version:</b>	4.6.0		
<b>Affected version:</b>	4.5.3		

**Description**

**`use` table filed name is incompatible with MySQL.**

In [source:src/libcharon/plugins/eap\\_simaka\\_sql/eap\\_simaka\\_sql\\_provider.c](source:src/libcharon/plugins/eap_simaka_sql/eap_simaka_sql_provider.c) get\_triplet() and get\_quintuplet() functions:

```
query = this->db->query(this->db,
                        "select rand, sres, kc from triplets where id = ? order by use",
                        DB_TEXT, buf, DB_BLOB, DB_BLOB, DB_BLOB);
```

This SQL query returns error: [#1064](#) - You have an error in your SQL syntax  
See <http://dev.mysql.com/doc/refman/5.1/en/use.html>  
MySQL version used: 5.1

`use` filed should be replaced with `order` or similar name.

Files that require update:

- [1. source:src/libcharon/plugins/eap\\_simaka\\_sql/eap\\_simaka\\_sql\\_provider.c](source:src/libcharon/plugins/eap_simaka_sql/eap_simaka_sql_provider.c)
- [2. source:src/libcharon/plugins/eap\\_simaka\\_sql/sqlite.sql](source:src/libcharon/plugins/eap_simaka_sql/sqlite.sql)
- [3. source:src/libcharon/plugins/eap\\_simaka\\_sql/test.sql](source:src/libcharon/plugins/eap_simaka_sql/test.sql)

#### History

##### #1 - 01.09.2011 00:20 - Stefan Tomas

`use` filed should be replaced with `order` or similar name.

Well that wouldn't make much sense, would it? `order` is also a SQL keyword :)  
So I'll suggest yet another name `ord`

##### #2 - 01.09.2011 10:02 - Tobias Brunner

- Category set to libcharon
- Status changed from New to Resolved
- Assignee changed from Stefan Tomas to Tobias Brunner
- Target version set to 4.6.0

Thanks for the report.

Fixed with [f35578acb](#). As the column stores a timestamp of the last usage of a triplet or quintuplet I used 'used' as column name.

##### #3 - 30.01.2012 11:11 - Tobias Brunner

- Status changed from Resolved to Closed