

**Name**

mysql\_get\_ssl\_cipher - returns the cipher suite in use

**Synopsis**

```
#include <mysql.h>

const char *mysql_get_ssl_cipher(MYSQL *mysql)
```

**Description**

Returns the name of the currently used cipher suite of the secure connection, or NULL for non TLS connections.

**Parameter**

- ⊕ mysql - a connection identifier, which was previously allocated by **mysql\_init(3)** and connected by **mysql\_real\_connect(3)**.

**Notes**

- ⊕ For using mysql\_get\_ssl\_cipher() MariaDB Connector/C must be built with TLS/SSL support, otherwise the function will return NULL.
- ⊕ 'mysql\_get\_ssl\_cipher()' can be used to determine if the client server connection is secure.
- ⊕ Depending on the TLS library in use (OpenSSL, GnuTLS or Windows Schannel) the name of the cipher suites may differ. For example the cipher suite 0x002F (TLS\_RSA\_WITH\_AES\_128\_CBC\_SHA) has different names: AES128-SHA for OpenSSL and Schannel and TLS\_RSA\_AES\_128\_CBC\_SHA1 for GnuTLS.

**Return value**

Returns a zero terminated string containing the cipher suite used for a secure connection, or NULL if connection doesn't use TLS/SSL.

**See also**

- ⊕ **mysql\_ssl\_set(3)**