# Quassel IRC - Bug #1491

## Quassel client: Error while setting the maximum protocol version

09/11/2018 08:15 AM - xypron

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|---|---|---|---|
| **Status:** | Closed | **Start date:** | 09/11/2018 |
| **Priority:** | Normal | **Due date:** | |
| **Assignee:** | | **% Done:** | 0% |
| **Category:** | | **Estimated time:** | 0.00 hour |
| **Target version:** | Some future release | | |
| **Version:** | 0.12.4 | **OS:** | Any |

**Description**

My Debian Buster installation of the Quassel client (version 0.12.5) fails to connect with the message "Error while setting the maximum protocol version". I verified with Wireshark that my Linux client is actually communicating to the server on port 4242.

This seems to relate to code in
qt5/qtbase/src/network/ssl/qsslcontext_openssl11.cpp.html.

I have no problem to connect to my server with the Android client.

The error did not occur before version 5.11.1+dfsg-7 of qtbase was released to Debian testing on Sept. 10, 2018.

The relevant code in qtbase was changed with
e3cea2a7b9f8 ("QSslSocket (OpenSSL 1.1) - respect requested protocol version").

This is the protocol information provided by openssl:

$ openssl s_client ~~connect myserver.domain:4242 -prexit~~
~~CONNECTED~~
~~write:errno=0~~
~~—~~
no peer certificate available
---
No client certificate CA names sent
---
SSL handshake has read 0 bytes and written 176 bytes
Verification: OK
---
New, (NONE), Cipher is (NONE)
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
SSL-Session:
Protocol : TLSv1.2
Cipher : 0000
Session-ID:
Session-ID-ctx:
Master-Key:
PSK identity: None
PSK identity hint: None
SRP username: None
Start Time: 1536645791
Timeout : 7200 (sec)
Verify return code: 0 (ok)
Extended master secret: no
---
---
no peer certificate available
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SSL handshake has read 0 bytes and written 176 bytes

```
Verification: OK
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Protocol  : TLSv1.2
Cipher    : 0000
Session-ID:
Session-ID-ctx:
Master-Key:
PSK identity: None
PSK identity hint: None
SRP username: None
Start Time: 1536645791
Timeout   : 7200 (sec)
Verify return code: 0 (ok)
Extended master secret: no
---
```

### History

**#1 - 09/14/2018 02:42 AM - genius3000**

*- Status changed from New to Closed*

Closing as this ended up being a Qt bug, which appears to have been fixed recently.
Reference bug report: https://www.mail-archive.com/debian-qt-kde@lists.debian.org/msg83420.html
Reference commit: https://code.qt.io/cgit/qt/qtbase.git/commit/?h=e3cea2a7b9f8