# Quassel IRC - Bug #1409

## Crash with no Identity

05/30/2016 12:12 AM - kater

| | | | | |
|---|---|---|---|---|
| **Status:** | Resolved | | **Start date:** | 05/29/2016 |
| **Priority:** | Low | | **Due date:** | |
| **Assignee:** | | | **% Done:** | 100% |
| **Category:** | | | **Estimated time:** | 0.00 hour |
| **Target version:** | | | | |
| **Version:** | 0.12.4 | | **OS:** | Any |

| **Description** |
|---|
| Start with a fresh installation of quassel. Skip create identity. Try to connect to some network. |
| |
| It crash while accessing a null reference. From a null pointer to a an Identity object which, of course, does not exist. |
| In the patch, the returned identity is checked if it exist. If not, no new CertIdentity is created and a warning is printed. |
| |
| Todo: |
| - Disable GUI components to connect to a network if not identity exist. |
| - Client::identity() should not returns pointers. Const references are fine. |
| If no identify exist, may throw an exception. Or return a dummy identify. |

| **Related issues:** | | | |
|---|---|---|---|
| Related to Quassel IRC - Bug #1432: Quassel client crashes when trying  to ch... | | **Resolved** | **03/04/2017** |

## Associated revisions

### Revision c144bdee - 11/28/2020 01:55 PM - Shane Synan

client: Fix settings crash on missing net identity

When fetching the client identity in Network settings, make sure the
identity exists before trying to convert it into a CertIdentity.

This resolves a crash if an identity is deleted improperly or if no
identities are specified.

Test case:
1. Clear the configuration for Quassel monolithic
2. Start Quassel monolithic
3. Cancel the setup wizard (before creating any identity)
4. Go to Settings -> Configure Quassel... (F7)
5. Navigate to IRC -> Identities, confirm that no identity exists
6. Navigate to IRC -> Networks
7. Add a new network (details don't matter)
8. Observe results

NOTE: This fix was contributed by "kater" on the Quassel IRC bug
tracker.  I'm not sure of a better way to provide attribution, as I
don't know if they want their email address part of Quassel's public
record.

See the original patch here:
https://bugs.quassel-irc.org/issues/1409

Fixes #1409

## History

### #1 - 09/14/2020 05:50 AM - digitalcircuit

Thank you for this!  I'll try looking into filing a pull request to get this issue resolved, including making sure the rest of the UI doesn't crash.

### #2 - 09/23/2020 06:59 AM - digitalcircuit

I have filed a pull request featuring your patch.  If you'd prefer attribution done differently, e.g. setting the commit author name/email, just let me know!

Thank you for your effort and patience with this.

**#3 - 11/28/2020 01:55 PM - Anonymous**

*- Status changed from New to Resolved*

*- % Done changed from 0 to 100*


Applied in changeset quassel|c144bdee0d8ab0c195b3088f5c6e57e372e526f7.

**#4 - 06/16/2021 05:00 AM - phuzion**

*- Related to Bug #1432: Quassel client crashes when trying  to change Network settings added*

**Files**

| | | | |
|---|---|---|---|
| 0001.patch | 1.02 KB | 05/29/2016 | kater |