

## Quassel IRC - Bug #1409

### Crash with no Identity

05/30/2016 12:12 AM - kater

<b>Status:</b>	Resolved	<b>Start date:</b>	05/29/2016
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>OS:</b>	Any
<b>Version:</b>	0.12.4		
<b>Description</b>			
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.			
<b>Related issues:</b>			
Related to Quassel IRC - Bug #1432: Quassel client crashes when trying to ch...		<b>Resolved</b>	<b>03/04/2017</b>

### 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 [quasselc144bdee0d8ab0c195b3088f5c6e57e372e526f7](#).

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

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

**Files**

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0001.patch	1.02 KB	05/29/2016	kater
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