

## Quassel IRC - Feature #911

### DH1080 Key exchange for Blowfish encryption

02/11/2010 10:31 PM - johu

<b>Status:</b>	Resolved	<b>Start date:</b>	02/11/2010
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Quassel Core	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.9.0		
<b>OS:</b>	Any		
<b>Description</b>			
After stabilisation of <a href="#">#689</a> include key exchange. More Information about that can be found here <a href="http://en.wikipedia.org/wiki/Diffie%E2%80%93Hellman_key_exchange">http://en.wikipedia.org/wiki/Diffie%E2%80%93Hellman_key_exchange</a> <a href="http://blog.bjrn.se/2009/01/proposal-for-better-irc-encryption.html">http://blog.bjrn.se/2009/01/proposal-for-better-irc-encryption.html</a>			
<b>Related issues:</b>			
Blocked by Quassel IRC - Feature #689: Blowfish Support		<b>Resolved</b>	<b>05/08/2009</b>

#### History

##### #1 - 02/26/2010 12:50 AM - johu

- Target version set to 0.7.0

##### #2 - 03/09/2010 07:54 PM - johu

- Target version deleted (0.7.0)

##### #3 - 07/29/2010 04:47 AM - johu

- Category changed from General / Unspecified to Quassel Core

- Status changed from New to Assigned

##### #4 - 08/26/2010 06:09 PM - johu

- Target version set to 0.8.0

##### #5 - 01/20/2012 07:40 PM - johu

- Target version deleted (0.8.0)

##### #6 - 01/31/2013 07:26 PM - Anonymous

- Assignee changed from johu to Anonymous

- Target version set to Some future release

[PR 5](#)

##### #7 - 02/20/2013 07:59 PM - Anonymous

- Status changed from Assigned to Resolved

- Target version changed from Some future release to 0.9.0

Merged in [04315f46a16fc3627218377071e008b6b9744992](#)

##### #8 - 08/25/2013 02:13 AM - sjefen6

Might I suggest the following improvements:

- Implement CBC [http://www.donationcoder.com/Software/Mouser/mircryption/extra\\_cbcinfo.php](http://www.donationcoder.com/Software/Mouser/mircryption/extra_cbcinfo.php)
- Disable keyx for channels
- Work on some indication that a key is set in the client, and some indication that the message received was decrypted from blowfish