

## Quassel IRC - Bug #1397

### SSL Cert+Key not reloaded on systemd "reload" action

02/04/2016 02:13 PM - bongo

<b>Status:</b>	New	<b>Start date:</b>	02/04/2016
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>OS:</b>	Linux
<b>Version:</b>	0.10.0		
<b>Description</b>			
<p>I am using <a href="https://github.com/hlandau/acme">https://github.com/hlandau/acme</a> to renew my let's encrypt certificates. This script does systemctl reload \$name.service on each configured service.</p> <p>Quasselcore does not re-read the given quasselCert.pem and therefore fails to establish a valid secure connection to the clients.</p> <p>This action should not require restarting the service and is common to work with all webservers, load balancers etc.</p>			

#### History

##### #1 - 02/04/2016 02:36 PM - bongo

Steps to reproduce:

1. stop quasselcore
2. (re)move /var/lib/quasselcore/quasselCert.pem
3. start quasselcore
4. connect with client => "core does not support SSL" warning appears
5. reload quasselcore
6. connect with client => "core does not support SSL" warning **STILL** appears

##### #2 - 02/27/2016 07:14 PM - TC01

bongo wrote:

I am using <https://github.com/hlandau/acme> to renew my let's encrypt certificates. This script does systemctl reload \$name.service on each configured service.

Quasselcore does not re-read the given quasselCert.pem and therefore fails to establish a valid secure connection to the clients.

This action should not require restarting the service and is common to work with all webservers, load balancers etc.

FYI: quassel upstream doesn't ship a systemd service file. I think, anyway.

Having said that, you're absolutely right that it should be possible to tell quassel to re-read the SSL cert without restarting it. However, I'm not sure how possible this is at the moment without implementing some kind of management interface for the core.

##### #3 - 02/27/2016 08:14 PM - bongo

@TC01: Debian 8 or systemd has some type of compatibility layer making it possible to still use sysv scripts though it's not appreciated.

##### #4 - 09/08/2016 05:40 AM - digitalcircuit

Quassel now supports reloading SSL certificates via kill -SIGHUP \$QUASSEL\_PID in the latest git master code (*commit hash 25a3ae50ac0d9835283e4f5f10fcfc10ed5575d*). See merged pull request [#208](#) for more details: <https://github.com/quassel/quassel/pull/208>

Quassel's init script will need changed to use this command in order to support reloading via service quasselcore reload or whatnot.