

## Quassel IRC - Feature #1425

### Ability to Proxy Client to Server Connection Based On TLS SNI

12/27/2016 02:09 AM - mrjester

<b>Status:</b>	New	<b>Start date:</b>	12/27/2016
<b>Priority:</b>	Normal	<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>	Any		

#### Description

Problem: Single v4 IP address from ISP. (v6 not available) Want to host multiple services from the v4 IP. Currently, I use SNI to route to the correct backend service.

Request: Add TLS SNI extension to client TLS handshake with server. Add in support for proxied traffic to the server if needed.

<https://stackoverflow.com/questions/34741571/nginx-tcp-forwarding-based-on-hostname>

[https://nginx.org/en/docs/stream/nginx\\_stream\\_ssl\\_preread\\_module.html](https://nginx.org/en/docs/stream/nginx_stream_ssl_preread_module.html)

<http://www.haproxy.org/download/1.5/doc/proxy-protocol.txt>

#### History

#1 - 12/30/2016 12:56 AM - mrjester

After some discussion in #quassel, it seems this is significantly more complicated than just adding the SNI extension. Instead, I request that the new protocol support being reverse proxied.