

# Messaging Protocols

a Comparative Study by @nolash, [@ethernian](#) at al.

Research Question:

What do we do here?

Comparison Matrix	1
Protocols	1
Clients	1
Use Cases	2
Testing Methodology	2
Details and Explanations	2
Trade-offs and Typical Design Choices	2
Resources	2
ToDo	2
History	2

## Comparison Matrix

### Protocols

Protocol	Comparison Aspects				Notes
	Darkness	P2P/Gossip	Antispam	...	
<a href="#">Whisper</a>		Gossip	PoW		
<a href="#">PSS</a>					
<a href="#">Dark Routing</a>					
<a href="#">Streamr</a>					
<a href="#">XMPP</a> + <a href="#">OMEMO</a> + <a href="#">OTR</a>					

Clients

Client	Comparison Aspects				Notes
	Aspect 1	Aspect 2	Aspect 3	...	
<a href="#">Conversations (Android)</a>					
<a href="#">Monal (iOS, macOS)</a>					
<a href="#">Chatsecure (iOS)</a>					
<a href="#">Gajim (desktop - GTK, win/linux)</a>					
<a href="#">Profanity (desktop - CLI, linux)</a>					

Use Cases

Testing Methodology

Details and Explanations

Trade-offs and Typical Design Choices

Resources

ToDo

History

Author	Date	Notice
<a href="#">@ethernian</a>	09.12.2018	initial version, based on @nolash input

ver 0.1

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