

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y											
1	Homepage - GitHub - Datasets	Amino	Briar	Cabal	Catwh	Discord	Dual	Google Messages	Grindr DMs	GroupMe	iMessage	Instagram DMs	iRC	Kik	LINE	Matrix	Mattermost	FB Messenger	New iQ	Outlook	Reddit DMs	Revolt	Session	SMS	Signal											
2	Recommended for private communication?	No	Yes	No	Yes	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	Yes	No	Yes											
3	End to end encrypted by default	No	Yes	No	Yes	No	No	Yes	No	No	Yes	No	No	No	No	Yes	No	No	No	No	No	No	Yes	No	Yes											
4	End to end encryption is available	No	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Sometimes	No	No	Yes	No	Yes	No	No	No	No	Yes	No	Yes											
5	Voice/video calls are end to end encrypted	No	N/A	N/A	N/A	No	N/A	Yes	No	No	Yes	No	N/A	No	No	Yes	No	No	No	N/A	No	N/A	No	N/A	Yes											
6	Utilizes Perfect Forward Secrecy	No	Yes	No	No	Yes	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	Yes											
7	Data is encrypted in transit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Sometimes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes											
8	Data is encrypted at rest (server side)	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Sometimes	No	Yes	Yes	No	No	Yes	Yes	No	Yes	Yes	No	Yes	No	Yes	No	Yes											
9	Data is encrypted at rest (client side)	No	Yes	No	No	Yes	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	Yes											
10	Decentralized network	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	Yes	Yes	No											
11	Dependant on DNS	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes											
12	Requires global identity	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes											
13	Email required for signup	Yes	No	No	No	No	No	Yes	Yes	Yes	Yes	No	Yes	No	No	Provider Specific	Yes	Yes	Yes	Yes	Phone OR	Yes	No	No	No											
14	Phone required for signup	No	No	No	No	Sometimes	Yes	Yes	Yes	No	Yes	Sometimes	Sometimes	Yes	Provider Specific	Yes	No	No	No	No	Email required	No	No	No	Yes											
15	Billing details required for signup	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No											
16	App and Server are fully open source	No	Yes	Yes	Yes	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	No	No	No	Yes	No	No											
17	You can verify contacts out of band	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	Yes											
18	You can self-host the platform	No	Yes	Yes	Yes	No	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	Yes	No	No	No	No	Yes											
19	Third-party clients are allowed	No	Yes	Yes	Yes	Sometimes	No	Sometimes	No	No	No	No	No	No	No	Yes	Yes	No	Sometimes	Yes	No	Yes	No	No	Sometimes											
20	Client provides a portable database	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes	No	No	Yes	Android Only											
21	Client functions over overlay networks	Sometimes	Yes	Yes	Yes	No	No	No	No	No	Sometimes	No	Yes	Sometimes	Sometimes	Yes	Sometimes	No	Sometimes	Sometimes	Sometimes	No	Yes	No	Sometimes											
22	There has been a third party code audit	No	Yes	No	No	No	No	Yes	No	No	Yes	No	No	No	No	Yes	No	No	No	Yes	No	No	No	No	Yes											
23	Users must exchange phone numbers	No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	No	No	No	No	Yes	No	No	No	No	Yes	Yes											
24	Provider can scan for illegal content	Yes	No	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No											
25	Provider trains AI with user data	Yes	No	No	No	Yes	No	Yes	No	No	No	Yes	No	Yes	No	No	Yes	No	Yes	No	Yes	No	No	Provider Specific	No											
26	Provider uses user data for marketing	Yes	No	No	No	Yes	No	No	Yes	No	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes	No	No	Yes	No											
27	Provider can shut down a community	Yes	No	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Provider Specific	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No											
28	Provider is funded by authoritarian regimes	No	No	No	No	China	USA	China	USA	No	USA / China	USA	USA	No	USA	Provider Specific	USA	No	Russia	USA	USA	No	No	Regional	No											
29	Provider actively feeds data to law enforcement	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Provider Specific	No	Yes	Yes	Yes	Yes	No	No	Yes	No											
30	Provider complies with preservation requests	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No											
31	Client scans users photo/video library	No	No	No	No	Yes	No	No	Yes	No	Yes	Yes	No	Yes	Yes	No	No	Yes	No	Yes	No	No	No	No	No											
32	Client removes image metadata	No	No	N/A	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	Yes											
33	Linked to external account	No	No	No	No	No	No	Yes	No	No	Yes	Yes	No	No	No	No	No	Yes	No	Sometimes	Yes	No	No	Yes	No											
34	Client logs users location	No	No	No	No	No	No	Yes	Yes	No	Yes	Yes	No	No	Yes	No	No	No	No	No	No	No	No	No	No											
35	Client logs running processes	No	No	No	No	Yes	Yes	No	No	No	No	Yes	No	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	No	No											
36	Can be hosted on an airgapped network	No	N/A	Yes	No	No	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	Yes	No	Yes	No	No	No											
37	Deleted messages are removed immediately	No	Yes	N/A	N/A	Yes	No	No	No	No	Yes	Yes	No	No	No	Yes	No	No	No	No	No	No	No	No	Yes											
38	Received messages are removed from server	No	N/A	N/A	N/A	Yes	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	Yes											
39																																				
40	What can the apps hand to police?	This assumes that you've entered the associated info into the service if possible, otherwise marked as Not Applicable																																		
41	IP address	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A	No											
42	Real name	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No											
43	Username	Yes	No	No	No	Yes	Yes	N/A	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A	N/A											
44	Phone number	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Provider Specific	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes											
45	Email address	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Provider Specific	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A	No											
46	Message contents	Yes	No	No	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No											
47	Crypto wallets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No											
48	Profile pictures	Yes	No	N/A	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A	No											
49	Account creation date	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A	No											
50	Account last active timestamp	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A	Yes											
51	Billing details	Yes	N/A	N/A	No	Yes	N/A	Yes	Yes	No	Yes	Yes	N/A	Yes	Yes	Provider Specific	Yes	Yes	Yes	Yes	Yes	N/A	No	Yes	No											
52	Groups that you manage	Yes	No	No	No	Yes	Yes	No	N/A	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A	No											
53	Groups that you are a member of	Yes	No	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Provider Specific	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No											
54	Channels / broadcast rooms you are a memb	Yes	No	No	No	Yes	N/A	No	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Provider Specific	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A	N/A											
55	People you talk to	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Provider Specific	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes											
56	People you've blocked	Yes	No	No	No	Yes	Yes	No	Yes	Yes	No	Yes	N/A	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No											
57	People who have blocked you	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	No	Yes	N/A	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No											
58																																				
59	What can an adversary find on their own?	This assumes you're using the default configuration, never interact with their sockpuppet accounts, such as adding them as a friend or sending them messages																																		
60	IP address	No	No	Yes	No	Exploitable	No	No	Exploitable	No	No	No	Yes	No	No	No	No	No	No	Exploitable	No	No	Sometimes	N/A	No											
61	Real name	No	No	No	No	No	No	Yes	Yes	Yes	Yes	No	No	No	Yes	No	Yes	No	No	Yes	No	No	No	No	No											
62	Username	Yes	No	No	No	Yes	Yes	N/A	Yes	Yes	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A												
63	Phone number	No	No	No	No	No	No	Yes	Exploitable	No	Yes	No	N/A	No	No	No	No	No	Yes	No	No	No	No	Yes	Yes											
64	Email address	No	No	No	No	No	No	Yes	No	No	No	No	N/A	No	No	No	No	No	No	Yes	No	No	No	N/A	No											
65	Message contents	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	N/A	No											
66	Crypto wallets	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A											
67	Profile pictures	Yes	No	N/A	No	Yes	Yes	Yes	Yes	No	No	No	N/A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	N/A	No											
68	Account creation date	Yes	No	No	No	Yes	No	No	Yes	No	No	Yes	No	No	No	No	No	Yes	Yes	No	Yes	No	No	N/A	No											
69	Account last active timestamp	Yes	No	No	No	No	No	No	Yes	No	No	Yes	No	No	No	Yes	Yes	No	Yes	No	Yes	No	No	N/A	No											
70	Billing details	No	No	N/A	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No											
71	Groups that you are a member of	Yes	No	No	No	No	No	No	No	No	No</																									